

FIȘA DE VERIFICARE

Numele și prenumele candidatului: **PINCA-BRETOTEAN CAMELIA**

Criterii: **PROFESOR**

Universitatea Politehnica Timișoara / Facultatea de Inginerie Hunedoara

Conform cu Anexa nr. 17, Comisia: **INGINERIE MECANICĂ, MECATRONICĂ ȘI ROBOTICĂ**

Denumire Domeniu de activitate	Cod Domeniul de activitate	Indicatori	Punctaj obținut	Punctaj minim grila conferențiar	Punctaj minim grila profesor	Procent realizat in raport cu punctajul minim pt profesor [%]	îndeplinit/neîndeplinit
Activitatea didactică/profesională-DID A1	A1.1	N1	5,00	2,00	2,00	250,00	indicator indeplinit
		N1.1	4,00	0,00	1,00	400,00	indicator indeplinit
		N1.3	8,00	1,00	1,00	800,00	indicator indeplinit
	A1.2	N2	12,00	3,00	4,00	300,00	indicator indeplinit
		N2.1	6,00	1,00	2,00	300,00	indicator indeplinit
Activitatea de cercetare-CDI A2	A2.1 + A2.3	P1+P2	11,71	5,00	10,00	117,14	indicator indeplinit
		P1	10,31	3,00	6,00	171,89	indicator indeplinit
	A2.2	N3	28,00	8,00	10,00	280,00	indicator indeplinit
		N3.1	12,00	3,00	5,00	240,00	indicator indeplinit
	A2.4 + A2.5	N4	2,00	1,00	2,00	100,00	indicator indeplinit
		N4.3	1,00	0,00	1,00	100,00	indicator indeplinit
Recunoasterea impactului activității-RIA A3	A3.1	S1+S2	66,58	10,00	50,00	133,17	indicator indeplinit
	A3.2	N5	15,00	5,00	10,00	150,00	indicator indeplinit
	A3.3	C	135,94	10,00	25,00	543,77	indicator indeplinit
Total			317,55	52,00	129,00	610,68	indicator indeplinit

PINCA-BRETOTEAN CAMELIA

A1 ACTIVITATE DIDACTICĂ ȘI PROFESIONALĂ (DID)**A1.1 Manuale suport de curs (conform Fișei disciplinei de concurs)****N.1.1 Coordonator/Prim autor****Format tipărit/electronic (minim 100 pagini)**

Nr. crt.	Nume autori	Număr autori	Titlul	Editura	Anul publicării	ISBN	Punctaj
1	Pinca-Bretotean Camelia	1	Utilaje metalurgice, 120 pagini	POLITEHNICA, Timișoara	2002	973-8247-81-0	1,00
2	Pinca-Bretotean Camelia	1	Fabricarea și asamblarea autovehiculelor rutiere, volumul I, 150 pagini	CERMI, Iași	2008	ISBN general 978-973-667-346-7, ISBN 978-973-667-350-4	1,00
3	Pinca-Bretotean Camelia	1	Fabricarea și asamblarea autovehiculelor rutiere, volumul II, 217 pagini	POLITEHNICA, Timișoara	2010	ISBN general 978-973-667-346-7, ISBN 978-606-554-IIO-8	1,00
4	Pinca-Bretotean Camelia	1	Echipamente mecanice industriale, 281 pagini	POLITEHNICA, Timișoara	2012	978-606-554-535-9	1,00
Total							4,00

PINCA-BRETOTEAN CAMELIA

A1 ACTIVITATE DIDACTICĂ ȘI PROFESIONALĂ (DID)**A1.1** Manuale suport de curs (conform Fișei disciplinei de concurs)**N1.2** Co-autor*Format tiparit/electronic (minim 100 pagini)*

Nr. crt.	Nume autori	Număr autori	Titlul	Editura	Anul publicării	ISBN	Punctaj
1	Weber F., Alic C., Miklos C., Cioată V., Pinca-Bretotean Camelia , Miklos I., Dascăl A., Rațiu S., Prejban I., Popa E., Ilca I., VasIU T., Hărău C., Alexa V., Ardelean E., Negomireanu B., Benea L.	17	Discipline fundamentale și de specialitate-Sinteze, Cap.5 Tehnologia fabricării utilajelor_autor	Mirton	2005	973-661-634-7	1,00
Total							1,00

PINCA-BRETOTEAN CAMELIA

A1 ACTIVITATE DIDACTICĂ ȘI PROFESIONALĂ (DID)**A1.1 Manuale suport de curs (conform Fișei disciplinei de concurs)****N1.3***Format electronic disponibil pe platforma univ/dep (autor)*

Nr. Crt.	Nume autori	Număr autori	Anul postării	Adesa de site	punctaj
1	Pinca-Bretotean Camelia	1	2013	https://cv.upt.ro/course/view.php?id=1393	1,00
2	Pinca-Bretotean Camelia	1	2013	https://cv.upt.ro/course/view.php?id=1001	1,00
3	Pinca-Bretotean Camelia	1	2019	https://cv.upt.ro/course/view.php?id=2738	1,00
4	Pinca-Bretotean Camelia	1	2019	https://cv.upt.ro/course/view.php?id=2649	1,00
5	Pinca-Bretotean Camelia	1	2020	https://cv.upt.ro/course/view.php?id=5203	1,00
6	Pinca-Bretotean Camelia	1	2020	https://cv.upt.ro/course/view.php?id=5215	1,00
7	Pinca-Bretotean Camelia	1	2020	https://cv.upt.ro/course/view.php?id=5200	1,00
8	Pinca-Bretotean Camelia	1	2021	https://cv.upt.ro/course/view.php?id=5693	1,00
Total					8,00

PINCA-BRETOTEAN CAMELIA

A1 ACTIVITATE DIDACTICĂ ȘI PROFESIONALĂ (DID)**A1.2 Material didactic/Dezvoltare laboratoare, aplicații****N2.1**

Standuri laborator (construcție/modernizări) certificate de directorul de departament

Nr. crt.	Denumire stand	Anul construcției/ modernizării	Punctal individual
1	Instalație pentru testarea în laborator a plăcuțelor de frână la frânări intensive	2016	1,00
2	Stand didactic pentru studiul sincronismului articulației bicardanice	2017	1,00
3	Stand didactic multifuncțional pentru studiul cinematicii cutiilor de viteze și a cinematicii diferențialului	2018	1,00
4	Instalație experimentală pentru studiul rezistenței la oboseală termică	2010	1,00
5	Stand didactic pentru studiul centrării arborilor în echipamentele mecanice industriale	2020	1,00
6	Stand didactic pentru studiul transportoarelor elicoidale	2021	1,00
Total			6,00

PINCA-BRETOTEAN CAMELIA

A1 **ACTIVITATE DIDACTICĂ ȘI PROFESIONALĂ (DID)**

A1.2 **Material didactic/Dezvoltare laboratoare, aplicații**

N2.2 *Autor, co-autor*

Indrumător laborator/carte și aplicații format tipărit sau electronic

Nr.crt.	Nume autori	Număr autori	Titlul	Editura	Anul publicării	ISBN	Punctaj individual
1	Pinca-Bretotean Camelia , Lăpușan Amalia	2	Tehnologii de prelucrari mecanice la fabricarea utilajelor tehnologice (182 pagini)	MIRTON Timișoara	2003	973-661-146- 9	1,00
2	Pinca-Bretotean Camelia	1	Tehnologia fabricării componentelor autovehiculelor rutiere.Teme de laborator (156 pagini)	CERMI, Iași	2008	978-973-667- 347-4	1,00
3	Pinca-Bretotean Camelia	1	Echipamente mecanice industriale.Teme experimentale (123 pagini)	POLITEHNICA, Timișoara	2015	976-606-554- 912-8	1,00
4	Pinca-Bretotean Camelia , Birtok- Băneasă Corneliu	2	Transmisii mecanice. Aplicații pentru autovehicule (113pagini)	POLITEHNICA, Timișoara	2020	978-606-35- 0394-8	1,00
Total							4,00

PINCA-BRETOTEAN CAMELIA

A1 ACTIVITATE DIDACTICĂ ȘI PROFESIONALĂ (DID)**A1.2 Material didactic/Dezvoltare laboratoare, aplicații****N2.3****Aplicație informatică educațională**

Nr.crt.	Nume autori	Număr autori	Titlul	Anul apariției	Punctaj individual
1	Pinca-Bretotean Camelia	1	LabView Applications for diagnosis braking fault/Annals of Faculty Engineering Hunedoara International Journal of Engineering, ISSN 1584-2673,Tom XII, Fascicula 4 pg. 117-122, http://annals.fih.upt.ro/pdf-full/2014/ANNALS-2014-4-18.pdf	2014	1
2	Pinca-Bretotean Camelia, Pănoiu Caius, Rob Raluca	3	APPLICATION OF VIRTUAL INSTRUMENTATION IN DETERMINING THE TEMPERATURE FIELDS OF HOT ROLLING CYLINDERS/Annals of Faculty Engineering Hunedoara International Journal of Engineering, ISSN 1584-2673,Tom XII, Fascicula 3 pg. 259-264/ http://annals.fih.upt.ro/pdf-full/2014/ANNALS-2014-3-39.pdf	2014	1
Total					2

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)**A2.1 Articole și publicații științifice indexate Web of Science - Thomson Reuters (WOS) *, ******P1.1 Autor corespondent/Prim autor****Maxim 3 autori (n <=3)**

Nr. crt.	Nume autori	Număr autori	Titlul lucrării	Denumire Jurnal /ISSN	Volum/Număr	Anul publicării	Nr. pagini (de la-până la:)	Factor de impact în anul publicării	Punctaj individual pt n max 3
1	Pinca-Bretotean Camelia , Tirian Gelu Ovidiu, Vilceanu Lucia	3	The effect of the thermal fatigue upon the hot rolling mill cylinders	Metalurgia international, WOS:000256691600005	13(5)	2008	9(25-33)	0	0,40
2	Pinca-Bretotean Camelia , Lemle Ludovic Dan, Szabo Alexandru	3	Ecological composites for brake pads using shells as filler material	Revista de Materiale Plastice București, 2019, ISSN: 0025-5289, https://doi.org/10.37358/MP.19.3.5234	56(3)	2019	4(588-591)	1,517	3,43
3	Pinca-Bretotean Camelia , Ana Josan, Vasile Puțan	3	Testing of brake pads made of nonasbestos organic friction composite on specialized station	Materials Today-Procedings, https://doi.org/10.1016/j.matpr.2020.12.039	45(5)	2021	7(4183-4188)	0	0,40
4	Pinca-Bretotean Camelia , Ana Josan, Preda Cosmin	3	Numerical and experimental analysis of dry contact in pad disc brake assembly	Journal of Physics: Conference Series, Volume 1426, Issue 1, 3 January 2020, ISSN: 17426588, International Conference on Applied Sciences 2019, ICAS 2019; Hunedoara; Romania, Article number 012001, DOI: 10.1088/1742-6596/1426/1/012001, WOS 000649150700002	1426(1)	2021	12(1-12)	0	0,40
Total									4,63

* Trebuie să fim atenți să nu raportăm lucrări care fiind publicate într-un jurnal cu IF (de exemplu, din Elsevier) când, de fapt, ele sunt publicate într-un jurnal cu un titlu asemănător sau aproape identic cu cel din Elsevier, dar care are cu totul alt statut (de exemplu e doar indexat, nu și cotate, deci nu are IF)

** Nu se iau în considerare decât lucrările în extenso (cu cel puțin 6 pagini, prin excepție putând avea și minim 4 pagini), în niciun caz abstracte, indiferent dacă au apărut într-un Book of abstracts, sau într-un jurnal.

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)

A2.1 Articole și publicații științifice indexate Web of Science - Thomson Reuters (WOS) *, **

P1.2 Autor corespondent/Prim autor

Mai mult de 4 autori inclusiv (n>=4)

Nr. crt.	Nume autori	Număr autori	Titlul lucrării	Denumire Jurnal/ ISSN	Volum/ Număr	Anul publicării	Nr. pagini (de la-până la:)	Factor de impact în anul publicării	Punctaj individual
1	Crăciun Andrei, Pinca-Bretotean Camelia (autor corespondent) , Uțu Dragoș, Josan Ana	4	Tribological properties of nonasbestos brake pad material by using coconut fiber	IOP Conference Series: Materials Science and Engineering/ISSN: 17578981, UNSP 012014, DOI: 10.1088/1757-899X/163/1/012038, WOS:000399755300014	163	2017	9(1-9)	0	0,30
2	Crăciun Andrei Lucian, Pinca-Bretotean Camelia (autor corespondent) , Birtok-Băneasă Corneliu, Josan Ana	4	Composite materials for friction and braking application	IOP Conference Series: Materials Science and Engineering/ISSN: 17578981, UNSP 012009, DOI: 10.1088/1757-899X/200/1/012009, WOS:000419288800009	200	2017	10(1-10)	0	0,30
3	Pinca-Bretotean Camelia , Crăciun Andrei Lucian, Josan Ana, Ardelean Erika	4	Experimental study of sintered friction material with coconut fiber for brake pads	Revista de Materiale Plastice București, 2019 , WOS:000452711500029	55(3)	2018	4 (389-392)	1,393	2,39
4	Pinca-Bretotean Camelia , Crăciun Andrei Lucian, Josan Ana, Ardelean Marius	4	Friction and wear characteristics of organic brake pads material	IOP Conference Series: Materials Science and Engineering/ISSN: 17578981, UNSP 012009, DOI: 10.1088/1757-899X/477/1/012009, WOS:000461184100009	477	2019	8(1-8)	0	0,30
5	Pinca-Bretotean Camelia , Rakesh Bhandarib, Chaitanya Sharmac, Shri Krishna Dhakad, Preda Cosmin, Arun KumarSharma	6	An investigation of thermal behaviour of brake disk pad assembly with Ansys	Materials Today-Procedings, https://doi.org/10.1016/j.matpr.2021.04.296, WOS 000704990300019	479(10)	2021	8(2322-2328)	0	0,20
Total									3,49

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)**A2.1 Articole și publicații științifice indexate Web of Science - Thomson Reuters (WOS) *, ******P1.3 Co-autor****Maxim 3 autori (n <=3)**

Nr.crt	Nume autori	Număr autori	Titlul lucrării	Denumire Jurnal/ ISSN	Volum/N umăr	Anul publicarii	Nr. pagini (de la .. până la:)	Factor de impact în anul publicării	Punctaj individual
1	Josan Ana, Pinca-Bretotean Camelia	2	Using special additions to preparation of the moulding mixture for casting steel parts of drive wheels type	IOP Conf. Series: Materials Science and Engineering/ISSN: 17578981, 012017, DOI:10.1088/1757-899X/85/1/012017 , WOS:00357864400017	Vol.85	2015	8(1-5)	0	0,20
2	Josan Ana, Pinca-Bretotean Camelia , Puțan Vasile	3	The critical analysis of austenitic manganese steel T130Mn135 used for castings intended minig industry	IOP Conf. Series: Materials Science and Engineering/ISSN: , 012021, DOI:10.1088/1757-899X/106/1/012021 , WOS:000371992900021	Vol: 106	2016	9(1-9)	0	0,20
3	Josan Ana, Pinca-Bretotean Camelia	2	Using the anti-aderence paints to manufacturing of the moulds intended fot irons casting	IOP Conf. Series: Materials Science and Engineering/ISSN: , UNSP 012020, DOI:10.1088/1757-899X/163/1/012020 , WOS:000399755300020	Vol: 163	2017	8(1-8)	0	0,20

4	Josan Ana, Pinca-Bretotean Camelia , Rațiu Sorin	3	Researches and studies regarding the casting of brake drums from cast iron	IOP Conf. Series: Materials Science and Engineering/ISSN: 17578981, 012033, DOI: 10.1088/1757-899X/477/1/012033, WOS:000461184100033	Vol: 477	2021	9 (1-8)	0	0,20
5	Josan Ana, Pinca-Bretotean Camelia , Rațiu Sorin	3	Management of the regeration process of the moulding mixtures in order to reduce the costs of the foundry type industrial enterprises	Materials Today-Procedings, DOI:10.1016/j.matpr.2020.12.034, WOS 000655645500014	45(2)	2021	5(4161-4165)	0	0,20
6	Arun Kumar Sharma, Rakesh Bhandari, Pinca-Bretotean Camelia	3	A systematic overview on fabrication aspects and methods of aluminium metal matrix composites	Materials Today-Procedings, DOI:10.1016/j.matpr.2020.11.899, WOS 000655645500009	45(5)	2021	6(4133-4138)	0	0,20
Total									1,20

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)**A2.1 Articole și publicații științifice indexate Web of Science - Thomson Reuters (WOS) *, ******P1.4 Co-autor****Mai mult de 4 autori inclusiv (n>=4)**

Nr.crt	Nume autori	Număr autori	Titlul lucrării	Denumire Jurnal/ISSN	Volum/N umăr	Anul publicării	Nr. pagini (de la-până la:)	Factor de impact în anul publicării	Punctaj individual
1	Păucă Adina, Hepuț Teodor, Pinca-Bretotean Camelia , Stoica Diana	4	A comparative study of heat transfer in metallic material	AIP Conference Proceedings/ ISSN: 978-0-7354-0956-9/530.00, DOI:10.1063/1.3636786, WOS:000302239800133	1389	2011	4(543-546)		0,15
2	Ardelean Erika, Ardelean Marius, Josan Ana, Pinca-Bretotean Camelia	4	Contribution on the influence of steel ladle processing (LF) upon the nitrogen removal rate	IOP Conference Series-Materials Science and Engineering/ISSN: 17578981, UNSP 012001, DOI: 10.1088/1757-899X/57/1/012001, WOS:000335980400001	Vol: 57	2014	5(1-5)		0,15
3	Josan Ana, Pinca-Bretotean Camelia , Ardelean Erika, Ardelean Marius	4	Using lateral cores to casting of carbon steel parts, of drive wheel type, in a metallurgical enterprise	IOP Conference Series-Materials Science and Engineering/ISSN: , UNSP 012016 , DOI: 10.1088/1757-899X/85/1/012016, WOS:00357864400016	85	2015	7(1-7)		0,15

4	Josan Ana, Pinca-Bretotean Camelia , Rațiu Sorin, Ardelean Erika, Ardelean Marius	5	Research on the influence of moulding-casting technology on the quality of castings	IOP Conference Series- Materials Science and Engineering, UNSP 012010, DOI: 10.1088/1757-899X/200/1/012010, WOS:000419288800010	200	2017	10 (1-9)		0,12
5	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia	4	A study of advancement in application oppotunities of aluminium metal matrix composites	Materials Today-Procedings, DOI:10.1016/j.matpr.2020.02.516, WOS:000542583200025	26	2020	6 (2419-2424)		0,15
6	Sharma A.K., Bhandari R., Aherwar R., Pinca-Bretotean Camelia	4	A study of fabrication methods of aluminum based composites focused on stir casting process	Materials Today-Procedings, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	27	2020	5 (1608-1612)		0,15
7	Sharma A. K., Bhandari R., Pinca-Bretotean Camelia , Dahad S.C., Mathur A.	5	A study of trends and industrial prospects of Industry 4.0	Materials Today: Proceedings, https://doi.org/10.1016/j.matpr.2021.04.321 , WOS 000704990300025	47(5)	2021	7(2364-2369)		0,12
Total									0,99

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)
A2.2 Articole și publicații științifice BDI (neincluse în A2.1)
N3.1 Autor corespondent/prim autor

Nr. crt.		Nume autori	Număr autori	Titlul lucrării	Denumire Jurnal /ISSN	Volum/ Număr	Anul publicării	Nr. pagini (de la .. până la:)	Punctaj individual	
1	1	Pinca-Bretotean Camelia , Tirian Gelu Ovidiu, Josan A.	3	Application of finite element method to an overhead crane bridge	WSEAS Transactions on Applied and Theoretical Mechanics	Vol: 4, Issue 2	2008	10(64-73)	1,00	SCOPUS
2	2	Pinca-Bretotean Camelia , Tirian Gelu Ovidiu	2	Research on increasing the lastingness of a rolling bridge	WSEAS Transactions on Applied and Theoretical Mechanics	Vol: 4, Issue 3	2008	10 (115-124)	1,00	SCOPUS
3	3	Pinca-Bretotean Camelia , Tirian Gelu Ovidiu, Socalici Ana Virginia, Ardelean Erika	4	Dimensional optimization for the strength structure of a traveling crane	WSEAS Transactions on Applied and Theoretical Mechanics	Vol: 4, Issue 4	2009	10 (147-156)	1,00	SCOPUS
4	4	Pinca-Bretotean Camelia , Tirian Gelu Ovidiu, Socalici Ana Virginia, Ardelean Erika	4	The optimization of the main beam for the resistance structure of an over-sized rolling bridge	9th Int. Conf. Simulation, Modelling and Optimization, WOS: 000273246400013	Book Series: Mathematics and Computer Science	2009	6 (86-91)	1,00	ISI
5	5	Pinca-Bretotean Camelia , Tirian Gelu Ovidiu	2	The analysis of the stresses and strains state of the strength structure of a rolling bridge for increasing its solidity	2nd WSEAS International Conference on Engineering Mechanics, Structures and Engineering Geology, WOS: 000276584000009	Book Series: Mathematics and Computer Science	2009	4 (79-84)	1,00	ISI
6	6	Pinca-Bretotean Camelia , Tirian Gelu Ovidiu, Josan Ana	3	Finite element analysis of an overhead crane bridge	2nd WSEAS International Conference on Finite Elements, Finite Volumes, Boundary Elements , WOS: 000271229900007	Book Series: Mathematics and Computer Science	2010	6 (51-56)	1,00	ISI
7	7	Pinca-Bretotean Camelia , Tirian Gelu Ovidiu, Josan Ana, Chețe Gladiola	4	Quantitative and qualitative study on the state of the strength structure of a crane bridge	WSEAS Transactions on Applied and Theoretical Mechanics	Vol: 5, Issue 4	2010	11 (231-241)	1,00	SCOPUS

8	8	Pinca-Bretotean Camelia , Tirian Gelu Ovidiu, Josan Ana, Chețe Gladiola	4	Modelling effectiveness of stress and deformation state of strength structures	3rd WSEAS International Conference on Engineering Mechanics, Structures, Engineering Geology/ISSN: 1792-4308/ WOS: 000288686900018	Book Series: Mathematics and Computer in Science	2010	6 (97-102)	1,00	ISI
9	9	Pinca-Bretotean Camelia , Josan Ana	2	Determination of the variable temperature fields in the cylinder head of a spark ignition engine	Proceedings of the 22nd International DAAAM Symposium,, Intelligent manufacturing and automation:Ipower of knowledge and creativity Vienna, Austria, ISBN978-3-901509-83-4	Annals of DAAAM and Proceedings of the International DAAAM Symposium	2011	2(605-606)	1,00	SCOPUS
10	10	Pinca-Bretotean Camelia , Josan Ana, Dascăl Amalia, Chețe Gladiola	4	Theoretical and experimental studies on the resistance structure of a metallurgical overhead travelling crane in operation	International Journal of Mechanics	8(4)	2014	10(128-137)	1,00	SCOPUS
11	11	Pinca-Bretotean Camelia , Josan Ana, Birtok-Băneasă Corneliu	3	Laboratory testing of brake pads made of organic materials intended for small and medium vehicles	IOP Conference Series: Materials Science and Engineering, DOI:10.1088/1757-899X/393/1/012029	Volume 393, Issue 1	2018	7 (1-7)	1,00	SCOPUS
	12	Pinca-Bretotean Camelia , Crăciun A.L., Preda C., Sharma A.K.	4	Physico-mechanical and tribological characteristics of composites used for brake pads	Journal of Physics: Conference Series 012032	178(1)	2021	8(1-8)	1,00	SCOPUS
Total									12,00	

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)
A2.2 Articole și publicații științifice BDI (neincluse în A2.1)
N3.2 Co-autor

Nr. crt.	Nume autori	Număr autori	Titlul lucrării	Denumire Jurnal /ISSN	Volum/Număr	Anul publicării	nr. pagini (de la-până la:)	Punctaj individual	
1	Tirian Gelu Ovidiu, Pinca-Bretotean Camelia	2	Software implementation of a neuronal system which enables the prediction of the wire breaking during continuous casting	7th WSEAS international Conference on Circuits, Systems, Electronics, Control & Signal, WOS: 000264171900025	Book Series: Electrical and Computer Engineering Series	2008	6(151-156)	1,00	ISI
2	Tirian Gelu Ovidiu, Pinca-Bretotean Camelia	2	Applications of neural networks in continuous casting	WSEAS Transactions on Systems	8(6)	2009	10 (693-702)	1,00	SCOPUS
3	Tirian Gelu Ovidiu, Pinca-Bretotean Camelia , Cristea Daniela, Topor Marcel	4	Research on the elimination of cracks in continuous casting plant using fuzzy logic	8th WSEAS international Conference on Circuits, Systems, Electronics, Control & Signal, WOS: 000276789200048	Book Series: Electrical and Computer Engineering Series	2009	6(273-278)	1,00	ISI
4	Tirian Gelu Ovidiu, Rusu Anghel Stela, Pănoiu Manuela, Pinca-Bretotean Camelia	3	Control of the continuous casting process using neural networks	13th WSEAS International Conference on Computers	Conference paper	2009	6(199-204)	1,00	ISI
5	Tirian Gelu Ovidiu, Proștean Octavian, Rusu-Anghel Stela, Pinca-Bretotean Camelia	4	Fuzzy system for implementing the cracks control during the continuous casting	Proceedings of the 20th International DAAAM Symposium, WOS: 000282335600831	20	2009	2 (1661-1662)	1,00	Scopus

6	Tirian G.O, Pinca-Bretotean Camelia , Cristea D., Topor M.,	4	Applications of fuzzy logic in continuous	WSEAS Transactions on Systems	5(3)	2010	10(133-142)	1,00	SCOPUS
7	Josan Ana, Pinca-Bretotean Camelia , Rațiu Sorin	3	The effect of thermal tension on quality mill rolls	Proceedings of the 22nd International DAAAM Symposium,, Intelligent manufacturing and automation:lpower of knowledge and creativity Vienna, Austria, ISBN978-3-901509-83-4	Annals of DAAAM and Proceedin gs of the Internatio nal DAAAM Symposiu m	2011	11 (1189-1199)	1,00	SCOPUS
8	Tirian Gelu Ovidiu, Proștean Octavian, Filip Ioan, Pinca-Bretotean Camelia	4	Modelling and simulation of primary solidification process of steel	9th IEEE International Symposium on Applied Machine Intelligence and Informatics	Conferenc e Proceedin gs 5738896	2011	6 (311-316)	1,00	SCOPUS
9	Crăciun Andrei Lucian, Pinca-Bretotean Camelia	2	Advanced materials with natural fibred reinforced aluminium composite for automotive brake disc	Solid State Phenomena	254	2016	6 (91-96)	1,00	SCOPUS
10	Josan Ana, Pinca-Bretotean Camelia , Rațiu Sorin	3	Critical analysis of the influence of the possibilities of establishing the moulding technology on obtaining the castings	IOP Conference Series: Materials Science and Engineering, International Conference on Applied Sciences 2017, ICAS 2017; Engineering Faculty of HunedoaraHunedoara/ISSN: 17578981	294(1)	2018	9 (1-8)	1,00	SCOPUS

11	Crăciun Andrei Lucian, Hepuț Teodor, Pinca-Bretotean Camelia	3	Aspect regarding manufacturing technologies of composite materials for brake pad application	IOP Conference Series: Materials Science and Engineering, International Conference on Applied Sciences 2017, ICAS 2017;DOI:10.1088/1757-899X/294/1/012003	294(1)	2018	9 (1-8)	1,00	SCOPUS
12	Kiss Imre, Pinca- Bretotean Camelia , Josan Ana	3	Experimental research upon the durability in exploitation of the Adamite type rolls	IOP Conference Series: Materials Science and Engineering, 10th International Conference Machine and Industrial Design in Mechanical Engineering, KOD 2018; DOI:10.1088/1757-899X/393/1/012090	393(1)	2018	6(1-6)	1,00	SCOPUS
13	Birtok-Băneasă, C., Rațiu Sorin, Pinca-Bretotean Camelia	3	The dispersion of heat flow in the engine compartment. Case study: Drift engines	IOP Conference Series: Materials Science and Engineering, 10th International Conference Machine and Industrial Design in Mechanical Engineering, KOD 2018; Novi Sad/ISSN: 17578981	393(1)	2018	8 (1-7)	1,00	SCOPUS
14	Crăciun A.L, Pinca-Bretotean Camelia , Uțu I, Josan A.	4	Experimental analysis of tribological behaviour of organic composites materials	IOP Conference Series: Materials Science and Engineering, DOI:10.1088/1757-899X/393/1/012094	416(1)	2018	6(1-6)	1,00	SCOPUS

15	Arun Kumar Sharma, Rakesh Bhandari, Pinca-Bretotean Camelia	3	Impact of silicon carbide reinforcement on characteristics of aluminium metal matrix composite	IOP Conf. Series: Journal of physics, 1781 012031, doi:10.1088/1742-6596/1781/1/012031	1781(1)	2021	8(1-9)	1,00	SCOPUS
16	Sharma A.K., Bandhari R, Sharma C., Dahad S.C., Pinca-Bretotean Camelia	5	A study of effects of reinforcement materials in aluminium based in metal matrix composites	International Journal of Engineering Trends and Technology	69(9)	2021	5(24-28)	1,00	SCOPUS
Total								16,00	

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)

A2.3 Brevete de invenție indexate

P2.1<4 Internationale indexate in Web of Science-Derwent Innovation

Prim autor/autor corespondent

maxim 3 autori

Nr.crt	Autori	Titlul brevetului/numar	Anul obtinerii brevetului	Numar autori	Punctaj individual
					0,00
Total					0,00

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)

A2.3 Brevete de invenție indexate

P2.1>4 Internationale indexate in Web of Science-Derwent Innovation

Prim autor/autor corespondent *minim 4 autori*

Nr.crt	Autori	Titlul brevetului/numar	Anul obtinerii brevetului	Numar autori	Punctaj individual
--------	--------	-------------------------	------------------------------	-----------------	-----------------------

0,00

Total

0,00

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)

A2.3 Brevete de invenție indexate

P2.2<4 Naționale indexate OSIM

Prim autor/autor corespondent *maxim 3 autori*

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
1	Pinca-Bretotean Camelia	Instalație pentru studiul rezistenței la oboseală termică, Nr.126966 din 30.03.2016	1	1	1,40
Total					1,40

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)

A2.3 Brevete de invenție indexate

P2.2>4 Naționale indexate OSIM

Prim autor/autor corespondent minim 4 autori inclusiv

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0,00
Total					0,00

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)

A2.3 Brevete de invenție indexate

P2.2.1<4 Internationale indexate in Web of Science-Derwent Innovation

Co-autor maxim 3 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0,00
Total					0,00

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)

A2.3 Brevete de invenție indexate

P2.2.1>4 Internationale indexate in Web of Science-Derwent Innovation
Co-autor *minim 4 autori inclusiv*

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0,00
Total					0,00

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)

A2.3 Brevete de invenție indexate

P2.2.2<4 Naționale indexate OSIM

Co-autor

maxim 3 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0,00
Total					0,00

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)

A2.3 Brevete de invenție indexate

P2.2.2>4 Naționale indexate OSIM

Co-autor

minim 4 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0,00
Total					0,00

PINCA-BRETOTEAN CAMELIA

A2

ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)

A2.4

Produse, tehnologii, platforme și servicii inovative (validate conform procedurilor specifice unităților de învățământ superior sau de cercetare)

N4.1-2

Coordonator/prim autor/Co-autor

Nr.crt	Denumire produs	Anul validării/mod validare (procedura)	Număr contributori	Calitatea:1 - coordonator; 2 membru in echipa	Punctaj individual
					0,00
Total					0,00

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)

A2.5 Monografii/cărți de specialitate, format tipărit/electronic (min. 100 pag.)

N4.3 *Coordonator/prim autor*

Nr.crt	Autori	Titlul	Editura	Anul editării	ISBN	Nr. Pagini	Punctaj individual
1	Pinca-Bretotean Camelia	Optimizarea structurilor de rezistență ale podurilor rulante	MIRTON, Timișoara	2003	973-661-456-5	176	1,00
Total							1,00

PINCA-BRETOTEAN CAMELIA

A2 ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE (CDI)**A2.5** Monografii/cărți de specialitate, format tipărit/electronic (min. 100 pag.)**N4.4** *Co-autor*

Nr.crt	Autori	Titlul	Editura	Anul editării	ISBN	Nr. Pagini	Punctaj individual
1	Toader Ștefan, Pinca-Bretotean Camelia , Pleșa Dorin	Oboseala termică a cilindrilor de laminare la cald	POLITEHNICA, Timișoara	2004	973-625-185-3	120	1,00
Total							1,00

PINCA-BRETOTEAN CAMELIA

A3 RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII (RIA)**A3.1 Atragere resurse financiare prin granturi/proiecte/contracte terți****S1 Director sau responsabil partener la grant/proiect câștigat prin competiție națională sau internațională**

Nr.crt	Director de proiect	Tip proiect *	Titlul proiectului	Perioada de derulare	Valoare totală UTCN** [ech. Euro]	Valoarea alocată membrului în echipă de către directorul de proiect*** [ech. Euro]	Punctaj individual
1	Pinca-Bretotean Camelia	Grant AT 32 940/ 22.06.2004 cod CNCSIS 24, Tema 6	Cercetări de durabilitate in exploatare a cilindrilor de laminare la cald	2004	1722	1722	1,72
2	Pinca-Bretotean Camelia	Grant AT 32 940/ 2005 cod CNCSIS 24, Tema 7	Cercetări de durabilitate in exploatare a cilindrilor de laminare la cald	2005	1660	1660	1,66
2	Pinca-Bretotean Camelia	Grant AT 58GR/19.05. 2006 CNCSIS 45, Tema 3	Cercetări și experimentări privind tensiunile termice și echivalente din cilindri de laminare la cald in scopul creșterii duratei lor de viață	2006	7638	7638	7,64
Total							9,36

PINCA-BRETOTEAN CAMELIA

A3 RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII (RIA)**A3.1 Atragere resurse financiare prin granturi/proiecte/contracte terți****S2 Membru în echipă la grant/proiect câștigat prin competiție națională sau internațională, proiecte/contracte terți**

Nr. crt	Calitatea: director = 1, membru în echipa = 2	Tip proiect *	Titlul proiectului	Perioada de derulare	Valoare totală UTCN** [ech. Euro]	Valoarea alocată membrului în echipă de către directorul de proiect*** [ech. Euro]	Punctaj individual	Director de proiect	Semnatura directorului de proiect
1	2	Tip A, Nr. 5004/1996, Cod Program 11.2.2.1, Cod CNCUSU 298	Cercetari asupra rezistentei la oboseala termica a cilindrilor de laminare la cald: Beneficiar-Ministerul Educației Naționale	1996	9.767,00	4.600,00	4,60	Toader Ștefan	
2	2	Tip A, Nr. 7004/1997,Tema 43, Cod CNCUSU 1477	Cercetari asupra rezistentei la oboseala termica a cilindrilor de laminare la cald: Beneficiar:Ministerul Educației Naționale	1997	16.943,00	7.200,00	7,20	Toader Ștefan	
3	2	Nr.685/ 15.05.2002, Agenți economici	Cercetarea și proiectarea în vederea montajului instalatiei de captare a cenusilor zburatoare de termocentrala la grupurile 3 și 4 de electrofiltre de la termocentrala Mintia: Beneficiar S.C. Simcor- Management S.A. Oradea	2002	428,00	294,00	0,29	Toader Ștefan	
4	1	Nr.3065/27.06. 2002, Terți	Studiul optimizării structurii de rezistență a unui pod rulant de 10t: Beneficiar SC CMB Bocșa	2002	1.827,00	1.827,00	1,83	Pinca Camelia	
5	1	Nr.54/13.01.2003	Optimizarea structurii de rezistență a unui pod rulant de 10t pentru reducerea uzurii în exploatare, beneficiar: UCM Reșița	2003	1.106,00	1.106,00	1,11	Pinca Camelia	
6	1	Nr.375/07.02.200 3	Studiul și analiza structurilor portante ale instalațiilor de ridicat, Beneficiar: SC CMB Bocșa	2003	704,00	704,00	0,70	Pinca Camelia	
7	2	Nr.3196/13.10.20 05,CEEEX_ Programul Excelență - Proiect de cercetare pentru tineri cercetători - ET	Cercetări și experimentări privind îmbunătățirea structurii semifabricatelor turnate continuu	2007	7.610,00	1.530,00	1,53	Socalici Virginia	
8	2	Nr.31-098, Programul 4 "Parteneriate în domenii prioritare" 2007- 2013	Prevenirea și combaterea poluării în zonele industriale siderurgice, energetice și miniere prin reciclarea deseurilor mărunte și pulverulente	2007	20.752,00	3.432,00	3,43	Hepuș Teodor	

*
Se va specifica
fie tipul
competitiei, fie
terti in cazul

**
Se va introduce
valoarea fara
TVA

Pentru
contracte
derulate inainte
de 01.01.1999
se va considera
echivalarea: 1
Euro=1 USD

9	2	Nr.31-098, Programul 4 "Parteneriate in domenii prioritare" 2007- 2013	Prevenirea și combaterea poluarii in zonele industriale siderurgice, energetice si miniere prin reciclarea deseurilor mărunte și pulverulente	2008	64.054,00	7.300,00	7,30	Hepuț Teodor	
10	2	Nr.31-098, Programul 4 "Parteneriate in domenii prioritare" 2007- 2013	Prevenirea și combaterea poluarii in zonele industriale siderurgice, energetice si miniere prin reciclarea deseurilor mărunte și pulverulente	2009	42.704,00	6.320,00	6,32	Hepuț Teodor	
11	2	Nr.31-098, Programul 4 "Parteneriate in domenii prioritare" 2007- 2013	Prevenirea și combaterea poluarii in zonele industriale siderurgice, energetice si miniere prin reciclarea deseurilor mărunte și pulverulente	2010	34.513,00	4.380,00	4,38	Hepuț Teodor	
12	2	Nr.71-044, Programul 4 "Parteneriate in domenii prioritare" 2007- 2013	Tehnologii avansate de conducere a proceselor industriale de călire superficială a pieselor incalzite inductiv	2007	26.200,00	5.200,00	5,20	Hepuț Teodor	
13	2	Nr.71-044, Programul 4 "Parteneriate in domenii prioritare" 2007- 2013	Tehnologii avansate de conducere a proceselor industriale de călire superficială a pieselor incalzite inductiv	2007	5.084,00	924,00	0,92	Hepuț Teodor	
14	2	Nr.71-044, Programul 4 "Parteneriate in domenii prioritare" 2007- 2013	Tehnologii avansate de conducere a proceselor industriale de călire superficială a pieselor incalzite inductiv	2008	63.720,00	7.934,00	7,93	Hepuț Teodor	
15	2	Nr.71-044, Programul 4 "Parteneriate in domenii prioritare" 2007- 2013	Tehnologii avansate de conducere a proceselor industriale de călire superficială a pieselor incalzite inductiv	2009	2.663,00	360,00	0,36	Hepuț Teodor	

16	2	Nr.71-044, Programul 4 "Parteneriate in domenii prioritare" 2007- 2013	Tehnologii avansate de conducere a proceselor industriale de călire superficială a pieselor incalzite inductiv	2010	788,00	113,00	0,11	Hepuș Teodor	
17	2	BC 47/09.07.2020	Managementul licitațiilor publice și managementul calității în construcții	2020	5.400,00	4.000,00	4,00	Josan Ana	
Total							57,22		

PINCA-BRETOTEAN CAMELIA

A3 RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII (RIA)**A3.2** **Prezentarea/Diseminarea rezultatelor: prezență la manifestări științifice în calitate de autor/co-autor de lucrări, profesor invitat****N5** **Congrese/conferințe/workshopuri internaționale, profesor invitat la universități/institute din străinătate**

Nr. Crt.	Tipul activitatii: conferinta/congres= 1; workshop international=2; profesor invitat=3	Denumire Congress, workshop/Instituția unde a fost invitat	Anul /perioada (pt. prof. invitat)	Titlul lucrării susținute în calitate de autor sau co- autor/ Prelegeri expuse pt profesor invitat	link email/alte modalitati de justificare a activitatii	Punctaj realizat
1	1	3rd International Conference Research and Development in Mechanical Industry, RaDMi 2003, Herceg Novi, Serbia-Muntenegro	2003	Consideration regarding the material used in calculation of the obturators of the valves hydroelectric dams	Conference Proceeding/ http://satcip.com/ra-dmi/proceedings.html	1,00
2	1	4th International Conference Research and Development in Mechanical Industry, RaDMi 2004, Zlatibor, Serbia-Muntenegro	2004	The tension estate in the cylinders of a blooming rolling mill	Conference Proceeding/ http://satcip.com/ra-dmi/proceedings.html	1,00
3	1	10th International Reserch/Expert Conference "Trends in the Development of Machinery and Associated Technology ", Lioret del Mar, Spania	2006	The study of thermal regime of the hot rolling mill cylinders	Conference Proceeding/ http://www.tmt.unze.ba/proceedings2006.php	1,00
4	1	12th International Reserch/Expert Conference "Trends in the Development of Machinery and Associated Technology ", Istambul, Turcia	2008	The influence of the symetrical thermal tension when producing thermal fatigue inside the warm rolling cylinders	Conference Proceeding/ http://www.tmt.unze.ba/proceedings2008.php	1,00

5	1	28th IASTED International Conference on Modelling, Identification and Control, Innsbruck, Austria	2009	Cracks prediction using artificial neural networks in continuous casting	Conference Proceedings/ https://www.iassted.org/CONFERENCES/pastinfo-640.html	1,00
6	1	22nd DAAAM International World Symposium, Viena, Austria	2011	Determination on the variable temperature fields in the cylinder head of a spark ingintion engine	Conference Proceedings/ https://daaam.info/22nd-proceedings-2011/	1,00
7	1	5th WSEAS International Conference on Engineering Mechanics, Structures, Engineering geology EMESEG 2012, Chaimam section: Smart and Adaptive Structure/ Engineering mechanics: Theory and Application	2012	Experimental plant for laboratory research of thermal fatigue phenomenon	Conference Proceeding/ https://wseas.org/cms.action?id=21524	1,00
8	1	Program comunitar Leonardo Da Vinci, Grant:CLT 2002 I AI I IT I - 343	2003	Human work	Invitație/Adeverință	1,00
9	1	Recent Advances in Mechanical Engineering and Mechanics, Venice, Italy	2014	Experimental determination on the behavior in operation of the resitance structure of an overhead travelling crane, for size optimization	Conference Proceedings/ http://www.inase.org/library/2014/venice/MECH.pdf	1,00
10	1	International Conference on Applied Sciences, ICAS 2018; Banja Luka; Bosnia Herzegovina	2018	Friction and wear characteristics of organic brake pads material	Confere http://www.fih.upt.ro/v4/ICAS2018/index.htm/ Certication of apreciation	1,00

11	1	10th International Conference on Machine and Industrial Design in Mechanical Engineering, Novi Sad, Serbia	2018	Laboratory testing of brake pads made of organic materials intended for small and medium vehicles	Invitation Letter/Certificate paper	1,00
12	2	International Conference on Applied Sciences, ICAS 2020; Hunedoara; Romania, Chairman: Mechanical Engineering	2020	Physico-mechanical and tribological characteristics of composites used for brake pads	Certification paper /http://icas.science/	1,00
13	1	Analytical & Interdisciplinary Research (ICAIR-2021)	2021	Thermal fatigue - interdisciplinary perspective in the field of sustainability of metal products	Speaker/ https://www.sangamuniversity.ac.in/inner-pages/ICAIR-2021.php	1,00
14	1	International Conference on Applied Sciences, ICAS 2021; Hunedoara; Romania, Chairman: Mechanical Engineering	2021	Chairman session 4-Mechanical engineering	Program ICAS2021/Certificate speaker// http://icas.science/	1,00
15	1	International Conference on Materials and System Engineering-ICMSE 2021	2021	An investigation of thermal behavior of brake disk pad assembly with Ansys	Diploma of Achievement	1,00
Total						15,00

PINCA-BRETOTEAN CAMELIA

A3 RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII (RIA)

A3.3 Citări în publicații BDI - WOS și SCOPUS (se exclud autocitările)

C Citări

Nu se consideră autocitare articolul în care apar autori din articolul citat, dar lipsește declarantul (persoana care completează Fișa de evaluare)

Nr.Crt.	Date de identificare complete ale articolul citat (se exclud autocitările)	Date de identificare complete ale articolelor care citează	Anul în care a fost citată lucrarea	Linkul articolului care citează	Factorul de impact al publicației WOS în care apare citarea	Punctaj individual	
1	Josan Ana, Pinca-Bretotean Camelia - Using special additions to preparation of the moulding mixture for casting steel parts of drive wheel type, IOP Conf. Series: Materials Science and Engineering/ISSN: 17578981, 012017, DOI:10.1088/1757-899X/85/1/012017 , WOS:00357864400017	Ferrarini G; Rossi S.; Bison P.-Thermal conductivity of refractory coatings for foundry applications, Proceedings of SPIE, Vol: 11004, UNSP 1100409, DOI: 10.1117/12.2519720 , WOS:000357864400017	2019	http://cel.webofknowledge.com/full_record.do?product=CEL&search_mode=CitingArticles&qid=3&SID=F2H3EJ7fjHiuVvcExa3&pReturnLink=&pSrcDesc=&page=1&UT=WOS:000357864400017&doc=1	0	1,00	WOS
2	Josan Ana, Pinca-Bretotean Camelia - Using special additions to preparation of the moulding mixture for casting steel parts of drive wheel type, IOP Conf. Series: Materials Science and Engineering/ISSN: 17578981, 012017, DOI:10.1088/1757-899X/85/1/012017 , WOS:00357864400017	Socalici V, Pascu L, Ardelean E, Puțan V.-Experiments on composites meant for making brake pads for the rolling stock, IOP Conference Series-Materials Science and Engineering, Vol: 163, 012003, DOI: 10.1088/1757-899X/163/1/012003, WOS:000357864400017	2017	http://cel.webofknowledge.com/full_record.do?product=CEL&search_mode=CitingArticles&qid=7&SID=F2H3EJ7fjHiuVvcExa3&pReturnLink=&pSrcDesc=&page=1&UT=WOS:000357864400017&doc=3	0,000	1,00	WOS
3	Josan Ana, Pinca-Bretotean Camelia - Using special additions to preparation of the moulding mixture for casting steel parts of drive wheel type, IOP Conf. Series: Materials Science and Engineering/ISSN: 17578981, 012017, DOI:10.1088/1757-899X/85/1/012017 , WOS:00357864400017	Socalici V, Pascu L, Ardelean E, Popa E-Researches on obtaining composite materials to be used in manufacturing brake pad, IOP Conference Series-Materials Science and Engineering Vol: 106, Number: 012015, dl: 10.1088/1757-899X/106/1/012015, WOS:000357864400017	2016	http://cel.webofknowledge.com/full_record.do?product=CEL&search_mode=CitingArticles&qid=4&SID=D3SYffuVgFdKXd6jTx&pReturnLink=&pSrcDesc=&page=1&UT=WOS:000357864400017&doc=5	0,000	1,00	WOS

4	Ardelean Erika, Ardelean Marius, Josan Ana, Pinca-Bretotean Camelia -Contribution on the influence of steel ladle processing (LF) upon the nitrogen removal rate, IOP Conference Series-Materials Science and Engineering/ISSN: 17578981, UNSP 012001, DOI: 10.1088/1757-899X/57/1/012001, WOS:000335980400001	Ardelean E, Socalici A, Ardelean M, Șerban S, Vătășescu M, The analysis of the steel deoxidation process in a vacuum installation, IOP Conference Series-Materials Science and Engineering, Vol: 163, Number: 012025 DOI: 10.1088/1757-899X/163/1/012025 , WOS:0003359804000	2017	http://cel.webofknowledge.com/full_record.do?product=CEL&search_mode=CitingArticles&qid=1&SID=E3geQR2vvBUZHQWJ5to&pReturnLink=&pSrcDesc=&page=1&UT=WOS:000335980400001&doc=1	0,000	1,00	WOS
5	Ardelean Erika, Ardelean Marius, Josan Ana, Pinca-Bretotean Camelia -Contribution on the influence of steel ladle processing (LF) upon the nitrogen removal rate, IOP Conference Series-Materials Science and Engineering/ISSN: 17578981, UNSP 012001, DOI: 10.1088/1757-899X/57/1/012001, WOS:000335980400001	Socalici A, Pascu L, Ardelean E., Puțan Vasile, Experiments on composites meant for making brake pads for the rolling stock, IOP Conference Series-Materials Science and Engineering, Vol: 163, Number: 012003, DOI: 10.1088/1757-899X/163/1/012003	2017	http://cel.webofknowledge.com/full_record.do?product=CEL&search_mode=CitingArticles&qid=1&SID=E5a3tISr616RsFsfwOg&pReturnLink=&pSrcDesc=&page=1&UT=WOS:000335980400001&doc=2	0,000	1,00	SCOPUS
6	Ardelean Erika, Ardelean Marius, Josan Ana, Pinca-Bretotean Camelia -Contribution on the influence of steel ladle processing (LF) upon the nitrogen removal rate, IOP Conference Series-Materials Science and Engineering/ISSN: 17578981, UNSP 012001, DOI: 10.1088/1757-899X/57/1/012001, WOS:000335980400001	Ardelean E., Ardelean M, Heput, T, Lascutoni A., Technological aspects at continuous casting of semi-finished products with phi 270mm, IOP Conference Series-Materials Science and Engineering, Vol: 85, Number: 012002, DOI: 10.1088/1757-899X/85/1/012002, WOS:000335980400	2015	http://cel.webofknowledge.com/full_record.do?product=CEL&search_mode=CitingArticles&qid=1&SID=F2qkECFfwTxoOY5HWwo&pReturnLink=&pSrcDesc=&page=1&UT=WOS:000335980400001&doc=3	0,000	1,00	WOS
7	Ardelean Erika, Josan Ana, Pinca-Bretotean Camelia -Tribological properties of nonasbestos brake pad material by using coconut fiber, IOP Conference Series: Materials Science and Engineering, Volume: 163, Issue: 1, Pages: 12014. Jan 6, 2017	Yusubov Fikrat Fakhraddin-Thermal Behavior of N, Methylaniline Modified Phenolic Friction Composites, Polymers and Polymer Composites, Issue: 9_suppl, Volume: 29, Jun 2, 10.1177/09673911211020718	2021	https://journals.sagepub.com/doi/full/10.1177/09673911211020718	0,000	1,00	WOS

8	A L Craciun, C Pinca-Bretotean, D Utu, A Josan-Tribological properties of nonasbestos brake pad material by using coconut fiber, IOP Conference Series: Materials Science and Engineering, Volume: 163, Issue: 1, Pages: 12014. Jan 6, 2017	Zuzanna Sydow, Mateusz Sydow, Łukasz Wojciechowski, Krzysztof Bieńczyk, Tribological Performance of Composites Reinforced With the Agricultural, Industrial and Post-Consumer Wastes: A Review, Materials (Basel, Switzerland), Issue: 8, Volume: 14, Pages: 1863. Apr 9, 10.3390/ma14081863	2021	https://pubmed.ncbi.nlm.nih.gov/33918606/	0,000	1,00	WOS
9	A L Craciun, C Pinca-Bretotean, D Utu, A Josan-Tribological properties of nonasbestos brake pad material by using coconut fiber, IOP Conference Series: Materials Science and Engineering, Volume: 163, Issue: 1, Pages: 12014. Jan 6, 2017	K Palani Kumar, D Keshavan, Elango Natarajan, Arvind Narayan, K Ashok Kumar, M Deepak, Lidio Inacio Freitas, Evaluation of mechanical properties of coconut flower cover fibre-reinforced polymer composites for industrial applications, Progress in Rubber, Plastics and Recycling Technology, IF 0.742, https://doi.org/10.1177/1477760619895011	2020	https://journals.sagepub.com/doi/abs/10.1177/1477760619895011?journalCode=prrpa	1,154	2,15	WOS
10	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Vilceanu Lucia, The effect of the thermal fatigue upon the hot rolling mill cylinders, Metalurgia international, 13(50), 25-33, 2008WOS:000256691600005	Ardelean M., Ardelean E., Josan A., Socalici V., Braking mechanism for profile rolling mill cooling bed. Analysis and operation, Journal of Physics, 1426 (2020) 012018 IOP Publishing, doi:10.1088/1742-6596/1426/1/012018	2020	https://iopscience.iop.org/article/10.1088/1742-6596/1426/1/012018	0,000	1,00	WOS
11	Păucă Adina, Hepuț Teodor, Pinca-Bretotean Camelia, Stoica Diana, A comparative study of heat transfer in metallic material, AIP Conference Proceedings/ ISSN: 978-0-7354-0956-9/530.00,139, 543-546, 2011, DOI:10.1063/1.3636786, WOS:000302239800133	Ardelean M., Ardelean E., Josan A., Socalici V., Braking mechanism for profile rolling mill cooling bed. Analysis and operation, Journal of Physics, 1426 (2020) 012018 IOP Publishing, doi:10.1088/1742-6596/1426/1/012018	2020	https://iopscience.iop.org/article/10.1088/1742-6596/1426/1/012018	0,000	1,00	WOS
12	Arun Kumar Sharma, Rakesh Bhandari, Pinca-Bretotean Camelia, A systematic overview on fabrication aspects and methods of aluminium metal matrix composites, Materials Today-Proceedings, 45(5), 4133-4138, 2021, DOI:10.1016/j.matpr.2020.11.899	Poonam Yadav , Alok Ranjan , Harish Kumar , Abhishek Mishra , Jonghun Yoon, A contemporary review of Aluminium MMC developed through Stir-Casting route, Oct 25;14(21) 6386. doi: 10.3390/ma14216386.	2021	https://pubmed.ncbi.nlm.nih.gov/34771913/	0,000	1,00	WOS

13	Tirian Gelu Ovidiu, Rusu Anghel Stela, Pănoiu Manuela, Pinca-Bretotean Camelia, Control of the continuous casting process using neural networks ,13th WSEAS International Conference on Computers, 199-204, 2009	Sheuli Hore,Suchandan K. Das,Manoj M. Humane,Anil Kumar Peethala, Neural network modelling to characterize steel continuos casting process parameters and prediction of casting defects,Transactions of the Indian Institute of Metals, 72, pg. 3015–3025, DOI: 10.1007/s12666-019-01767-0	2019	https://link.springer.com/article/10.1007/s12666-019-01767-0?utm_source=xmol&utm_medium=affiliate&utm_content=meta&utm_campaign=DCN_1_GL01_meta_data	1,499	2,50	WOS
14	Camelia Pinca Bretotean, Andrei Lucian Craciun, Ana Josan, Erika Ardelean, Experimental Study of Sintered Friction Materialwith Coconut Fiber for Brake Pads, MATERIALE PLASTICE, 55, No. 3, IF: 1.393, 2018	CORNELIU BIRTOK-BANEASA, ADINA BUDIUL-BERGHIAN, VIRGINIA ANA SOCALICI, ROBERT BUCEVSCi, Simulation of thermal transfer throught polyamide intake manifold, materiale plastice, 50(1), 2019	2019	https://revmaterialeplastice.ro/pdf/38%20BIRTOK%201%2019.pdf	1,517	2,52	WOS
15	Camelia Pinca Bretotean, Andrei Lucian Craciun, Ana Josan, Erika Ardelean, Experimental Study of Sintered Friction Materialwith Coconut Fiber for Brake Pads, MATERIALE PLASTICE, 55, No. 3, IF: 1.393, 2018	Sasa Vasilijevic, Jasna Glisovic, Blaza Stjanovic, Nadica Stojanovic, Ivan Grujic, The analysis of the influential parameters that cause particles formation during the braking process. A review, Proceedings of the institution of mechanical engineers Part I-Journal of engineering tribology, 236 (1), 31-48, doi.org/10.1177/13506501211004798	2022	https://journals.sagepub.com/doi/abs/10.1177/13506501211004798	1,647	2,65	WOS
16	Pinca-Bretotean Camelia, Crăciun Andrei Lucian, Josan Ana, Ardelean Marius, Friction and wear characteristics of organic brake pads material, IOP Conference Series: Materials Science and Engineering/ISSN: 17578981, 477, 1-8, 2019, DOI: 10.1088/1757-899X/477/1/012009, WOS:000461184100009	Sasa Vasilijevic, Jasna Glisovic, Blaza Stjanovic, Nadica Stojanovic, Ivan Grujic, The analysis of the influential parameters that cause particles formation during the braking process. A review, Proceedings of the institution of mechanical engineers Part I-Journal of engineering tribology, 236 (1), 31-48, doi.org/10.1177/13506501211004798	2022	https://journals.sagepub.com/doi/abs/10.1177/13506501211004798	1,647	2,65	WOS

17	A L Crăciun, C Pinca-Bretotean, C Birtok-Băneasă and A Josan, Composites materials for friction and braking application, IOP Conference Series: Materials Science and Engineering, Volume 200, Innovative Ideas in Science 2016 10–11 November 2016, Baia Mare, Romania	Naveen Kumar, Ajaya Bharti, H S Goyal, Kunvar Kant Patel, The evolution of brakefriction materials: A review, Materials Physics and Mechanics47 (5), 796-815	2021	https://www.researchgate.net/publication/356583975_THE_EVOLUTION_of_BRAKE_FRICTION_MATERIALS_A_REVIEW	0,000	1,00	WOS
18	A L Crăciun, C Pinca-Bretotean, C Birtok-Băneasă and A Josan, Composites materials for friction and braking application, IOP Conference Series: Materials Science and Engineering, Volume 200, Innovative Ideas in Science 2016 10–11 November 2016, Baia Mare, Romania	YashwhanthS, Mithun MohanM, AnandhanR, Senthil KumaranSelvaraj, Present knowledge and persective on the role of nature fibre in the brake pad material, Materials Today Proceedings, 46 (17), 7329-7337, doi.org/10.1016/j.matpr.2020.12.995	2021	https://www.sciencedirect.com/science/article/pii/S2214785320407138	0,000	1,00	WOS
19	A L Crăciun, C Pinca-Bretotean, C Birtok-Băneasă and A Josan, Composites materials for friction and braking application, IOP Conference Series: Materials Science and Engineering, Volume 200, Innovative Ideas in Science 2016 10–11 November 2016, Baia Mare, Romania	Paweł Szymański, Dorota Czarnecka-Komorowska, Katarzyna Gawdzińska, Aleksandra Trubas, Ewelina Kostecka, A review of composite materials used in brake disc pad manufacturing process,ISSN: 2084-6096, ISSN (online): 2299-128X 20(2), 60-66,	2020	https://kompozyty.ptmk.net/pliczki/pliki/1341_2020t02_pawel-szymanski-dorota-.pdf	0,000	1,00	WOS
20	Tirian Gelu Ovidiu, Pinca-Bretotean Camelia, Software implementation of a neuronal system which enables the pediction of the wire breaking during continuous casting, 7th WSEAS international Conference on Circuits, Systems,Electronics, Control & Signal, WOS: 000264171900025, Book Series: Electrical and Computer Engineering Series, 151-156, 2008	Tirian G.O, Intelligent systems used in continuous casting process, Artificial Intelligence Resources in Control and Automation Engineering , 21, 159-179 Doi: 10.2174/978160805126711201010159	2012	https://www.eurekaselect.com/chapter/3350	0,000	1,00	WOS

21	Tirian Gelu Ovidiu, Pinca-Bretotean Camelia, Software implementation of a neuronal system which enables the prediction of the wire breaking during continuous casting, 7th WSEAS international Conference on Circuits, Systems, Electronics, Control & Signal, WOS: 000264171900025, Book Series: Electrical and Computer Engineering Series, 151-156, 2008	Tirian G.O, Proștean O, Filip I., Control system of the continuous casting process for cracks removal, 5th International Symposium on Applied Computational Intelligence and Informatics, 255, DOI: 10.1109/SACI.2009.5136254	2009	https://ieeexplore.ieee.org/document/5136254	0,000	1,00	WOS
22	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Socalici Ana Virginia, Ardelean Erika, The optimization of the main beam for the resistance structure of an over-sized rolling bridge, 9th Int. Conf. Simulation, Modelling and Optimization, Mathematics and Computer Science, 86-91, 2009 WOS: 000273246400013	Mile M.Savković, Radovan R.Bulatović, Milomir M.Gašić, Goran V.Pavlović, Aleksandar Z.Stepanović, Optimization of the box section of the main girder bridge crane by applying biologically inspired algorithms, 148(1), 452-465, doi.org/10.1016/j.engstruct.2017.07.004	2017	https://www.sciencedirect.com/science/article/abs/pii/S0141029616309737	0,000	1,00	WOS
23	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Socalici Ana Virginia, Ardelean Erika, The optimization of the main beam for the resistance structure of an over-sized rolling bridge, 9th Int. Conf. Simulation, Modelling and Optimization, Mathematics and Computer Science, 86-91, 2009 WOS: 000273246400013	Jill Pearlman, The spies who came into the modernist fold: The convert life in Hampstead slawn road flats, 72(3), 2013, pp. 358-381, doi.org/10.1525/jsah.2013.72.3.358	2013	https://www.jstor.org/stable/10.1525/jsah.2013.72.3.358	0,000	1,00	WOS
24	Tirian Gelu Ovidiu, Proștean Octavian, Rusu-Anghel Stela, Pinca-Bretotean Camelia, Proceedings of the 20th International DAAAM Symposium, vol.20, 1661-1662, 2009, WOS: 000282335600831	Gelu-Ovidiu Tirian, Ioan Filip and Cristian Paul Chioncel, Intelligent system for continuous steel casting based on water flow control in the secondary cooling stage, MATEC Web of Conferences 68, 10003 (2016) doi.org/10.1051/mateconf/20166810003	2016	https://www.matec-conferences.org/articles/mateconf/pdf/2016/31/mateconf_ici2016_10003.pdf	0,000	1,00	WOS

25	Tirian Gelu Ovidiu, Proștean Octavian, Rusu-Anghel Stela, Pinca-Bretotean Camelia, Proceedings of the 20th International DAAAM Symposium, vol.20, 1661-1662, 2009, WOS: 000282335600831	Intelligent Systems Used in Continuous Casting Process Gelu Ovidiu Tirian, Intelligent system used in continuous casting, Artificial Intelligence Resources in Control and Automation Engineering , 21, pg. 159-179, Doi: 10.2174/978160805126711201010159	2012	https://www.eurekaselect.com/chapter/3350	0,000	1,00	WOS
26	Sharma A.K., Bhandari R., Aherwar R., Rimasauskienė R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today- Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Tong Wu, Yong Hu, Yuelun Leng, Meng Zhanga, Nuermuhanmode Naerkezhe, Maosen Wang, In situ observation of fracture in homogeneous and functionally graded 6061Al/SiCp composites, Materials Science and Engineering: A, Volume 830, 7 January 2022, 142279, doi.org/10.1016/j.msea.2021.142279	2022	https://www.sciencedirect.com/science/article/abs/pii/S0921509321015434	0,000	1,00	WOS
27	Sharma A.K., Bhandari R., Aherwar R., Rimasauskienė R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today- Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	C.T. Guerrero F. González T.E. Soto C. Aguilar I.A. Figueroa G. González J. Vargas I. Alfonso , An overview on the interactions between reinforcements and Al matrices with Si, Cu and Mg as alloying elements in aluminium matrix composites. Case of reinforcements, Material Researches 25, doi.org/10.1590/1980-5373-MR-2021-0540	2022	https://www.scielo.br/j/mr/a/Y7zCGmrR9Y6Qfkyt3xDRB7D/	0,000	1,00	WOS
28	Sharma A.K., Bhandari R., Aherwar R., Rimasauskienė R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today- Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Roberto Hernández-Maya, Nicolás Antonio Ulloa-Castillo, Oscar Martínez-Romero, Emmanuel Segura-Cárdenas, Alex Elías-Zúñiga-Spark Plasma Sintering of Aluminum Nanocomposite Powders: Recent Strategy to Translate From Lab-Scale to Mass Production, Nanomaterials (Basel, Switzerland), Issue: 12, Volume: 11, Pages: 3372. Dec 12, 2021	2021	https://www.mdpi.com/2079-4991/11/12/3372	5,076	6,08	WOS

29	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia- A study of advancement in application oppotunities of aluminium metal matrix composites, Materials Today- Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Mihail Kolev, Ludmil Drenchev, Veselin Petkov, Wear analysis of an advanced Al-Al ₂ O ₃ composite infiltrated with Tin- Based alloy, Metals 2021, 11(11), 1692; doi.org/10.3390/met11111692	2021	https://www.mdpi.com/2075-4701/11/11/1692	0,000	1,00	WOS
30	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia- A study of advancement in application oppotunities of aluminium metal matrix composites, Materials Today- Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Xianke Lu, Yubao Zhang, Shengjie Xiao, Yan Lu, Dezhong Meng, Wenbo Qin, Jiansheng Li- Tribological Behavior and Mechanism of High Proportion of Ceramic Particles Reinforced Al Composite, Journal of Materials Research and Technology, Volume: 15, Pages: 4931-4939, Elsevier	2021	https://www.sciencedirect.com/science/article/pii/S2238785421012278	0,000	1,00	WOS
31	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia- A study of advancement in application oppotunities of aluminium metal matrix composites, Materials Today- Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Essam B Moustafa , Waheed Sami Abushanab , A Melaibari , Olga Yakovtseva , Ahmed O Mosleh -The Effectiveness of Incorporating Hybrid Reinforcement Nanoparticles in the Enhancement of the Tribological Behavior of Aluminum Metal Matrix Composites, JOM, Issue: 12, Volume: 73, Pages: 4338-4348. Oct 21, Springer	2021	https://link.springer.com/article/10.1007/s11837-021-04955-w	0,000	1,00	WOS
32	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia- A study of advancement in application oppotunities of aluminium metal matrix composites, Materials Today- Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Johny James, A Raja Annamalai, A Muthuchamy, Chun-Ping Jen, Effect of wettability and uniform distribution of reinforcement particle on mechanical property (Tensile) in aluminium metal matrix composite: A review, Nanomaterials (11(9):2230 DOI: 10.3390/nano11092230	2021	https://pubmed.ncbi.nlm.nih.gov/34578547/	0,000	1,00	WOS

33	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today- Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Sahar Khaki-Davoudi , Salman Nourouzi , Hamed Jamshidi Aval -Microstructure and mechanical properties of AA7075/Al3Ni composites produced by compocasting, Materials Today: Proceedings, Volume: 26, Pages: 2419-2424	2020	https://www.sciencedirect.com/science/article/abs/pii/S2352492821005298	0,000	1,00	WOS
34	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today- Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Abdul Wahid Shah , Seong-Ho Ha, Bong-Hwan Kim, Young-Ok Yoon, Hyun-Kyu Lim, Shae K Kim, Effect of Al2Ca addition and heat treatment on the microstructure modification and tensile properties of hypo-eutectic Al-Mg-Si alloys, Materials (Basel), 14(16):4588, doi: 10.3390/ma14164588.	2021	https://pubmed.ncbi.nlm.nih.gov/34443111/	0,000	1,00	WOS
35	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today- Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	L. Ponraj Sankar, G. Aruna, T. Sathish , A. Parthiban, V. Vijayan, S. Dinesh Kumar, S. Rajkumar, Addisalem Mekonnen, Mebratu Tufa, Strength enhancement study on composites of AA6066 aluminium alloy with magnesium oxide and cool ash, Processing and Applications of Advanced Functional Materials, Volume 2021, Article ID 2810106, doi.org/10.1155/2021/2810106	2021	https://www.hindawi.com/journals/amse/2021/2810106/	0,000	1,00	WOS
36	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today- Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Amresh Kumar, Neel Kanth Grover, Alakesh Manna, Raman Kumar, Jasgurpreet Singh Chohan, Sandeep Singh, Sunpreet Singh, Catalin I Pruncu-Multi-Objective Optimization of WEDM of Aluminum Hybrid Composites Using AHP and Genetic Algorithm, Arabian Journal for Science and Engineering, Pages: 1-13. Jul 7, 2021	2021	https://link.springer.com/article/10.1007/s13369-021-05865-4	0,000	1,00	WOS

37	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today-Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Lenko Stanev, Mihail Kolev, Ludmil Drenchev, Enhanced tribological properties of an advanced Al-Al ₂ O ₃ composite infiltrated with a Tin-based alloy, Journal of tribology, 2021, 143(6): 064502, TRIB-20-1480, doi.org/10.1115/1.4050271	2021	https://asmedigitalcollection.asme.org/tribology/article-abstract/143/6/064502/1100525/Enhanced-Tribological-Properties-of-an-Advanced-Al?redirectedFrom=fulltext	2,045	3,05	WOS
38	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today-Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	N A Ulloa-Castillo , Roberto Hernandez-Maya , Jorge Islas-Urbano , Oscar Martínez-Romero , Emmanuel Segura-Cardenas , Alex Elías-Zúñiga -Enhancement of Electrical Conductivity of Aluminum-Based Nanocomposite Produced by Spark Plasma Sintering, Nanomaterials (Basel, Switzerland), Issue: 5, Volume: 11, Pages: 1150. Apr 28, 2021	2021	https://pubmed.ncbi.nlm.nih.gov/33925115/	0,000	1,00	WOS
39	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today-Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Jiahao Liao, Zhaofeng Chen, Tianru Guan, High compression performance of Cf/SiC-Al composites fabricated by CVI and vacuum pressure infiltration, Materials Science and Engineering A ISSN 0921-5093, 811:141051, DOI: 10.1016/j.msea.2021.141051	2021	https://www.researchgate.net/publication/350184429_High_compression_performance_of_C_SiC-Al_composites_fabricated_by_CVI_and_vacuum_pressure_infiltration	0,000	1,00	WOS
40	Sharma A.K., Bhandari R., Aherwar R., Rimasauskiene R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today-Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Maryam Roudbaria, Nima Refahatib, Ali Mehdi pour, Improvement of mechanical properties of aluminium base composite reinforced by steel CK75 wire through explosive welding, Revista de Metalurgia, 57 (2), e196, ISSN-L: 0034-8570, doi.org/10.3989/revmetalm.196	2021	file:///C:/Users/Camelia/AppData/Local/Temp/1510-Texto%20del%20art%C3%ADculo-5819-1-10-20210628-1.pdf	0,000	1,00	WOS

41	Sharma A.K., Bhandari R., Aherwar R., Rimasauskienė R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today-Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	K Raju , M Balakrishnan -Statistical Approach on High Temperature Dry Sliding Wear Behavior of Al-Li-Si ₃ N ₄ Metal Matrix Composite, Silicon, Pages: 1-12. Feb 21	2021	https://www.researchgate.net/publication/349481437_Statistical_Approach_on_High_Temperature_Dry_Sliding_Wear_Behavior_of_Al-Li-Si₃N₄ Metal Matrix Composite	0,000	1,00	WOS
42	Sharma A.K., Bhandari R., Aherwar R., Rimasauskienė R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today-Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Ashrafi, N., Ariff AHM, Sarraf M. Sulaiman S. Hong TS - Microstructural, thermal, electrical, and magnetic properties of optimized Fe ₃ O ₄ -SiC hybrid nano filler reinforced aluminium matrix composite, MATERIALS CHEMISTRY AND PHYSICS Vol: 258, Number: 123895, DOI: 10.1016/j.matchemphys.2020.123895 , WOS:00054258320002	2021	https://www.researchgate.net/publication/347395383_Microstructural_thermal_electrical_and_magnetic_properties_of_optimized_Fe₃O₄-SiC hybrid nano filler reinforced aluminium matrix composite	0,000	1,00	WOS
43	Sharma A.K., Bhandari R., Aherwar R., Rimasauskienė R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today-Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Nicolás Antonio Ulloa-Castillo, Oscar Martínez-Romero, Roberto Hernández-Maya, Alex Elías-Zúñiga, Spark plasma sintering of aluminium based powder reinforced with carbon nanotubes: Investigation of electrical conductivity and hardness properties, Materials 14(2):373, DOI: 10.3390/ma14020373	2021	https://www.researchgate.net/publication/348492314_Spark_Plasma_Sintering_of_Aluminum-Based Powders Reinforced with Carbon Nanotubes Investigation of Electrical Conductivity and Hardness Properties	3,623	4,62	WOS
44	Sharma A.K., Bhandari R., Aherwar R., Rimasauskienė R., Pinca-Bretotean Camelia- A study of advancement in application opportunities of aluminium metal matrix composites, Materials Today-Proceedings, Vol.27, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016	Ansar Kareem , Jaber Abu Qudeiri, Asarudheen Abdudeen, Thanveer Ahammed, Aiman Ziout, A review on AA6061 metal matrix composites produced by stir casting, Materials (Basel) . 2021 Jan 1;14(1):175 DOI: 10.3390/ma14010175	2021	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7796217/	0,000	1,00	WOS

45	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	Sanjay Manghnani, Deepika Shekhawat, Chandramani Goswami, Tapan Kumar Patnaik, Tej Singh, Mechanical and Tribological Characteristics of Si3N4 Reinforced Aluminium Matrix Composites: A Short Review , Materials Today: Proceedings, Volume: 44, Pages: 4059-4064, 10.1016/j.matpr.2020.10.440, Elsevier	2021	https://www.researchgate.net/publication/346675229_Mechanical_and_tribological_characteristics_of_Si3N4_reinforced_aluminium_matrix_composites_A_short_review	0,000	1,00	WOS
46	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	Ramezanali Farajollahi, Hamed Jamshidi Aval, Roohollah Jamaati-Effects of Ni on the Microstructure, Mechanical and Tribological Properties of Aa2024-Al3nicu Composite Fabricated by Stir Casting Process , Journal of Alloys and Compounds, Volume: 887, Pages: 161433, 10.1016/j.jallcom.2021.161433, Elsevier	2021	https://www.sciencedirect.com/science/article/abs/pii/S0925838821028425	0,000	1,00	WOS
47	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	Dorota Kalisz, Paweł L. Żak, Olena Dan, Modelling the filler phase interaction with solidification front in Al(TiC) composite produced by the in situ method, 14(24), 7560; doi.org/10.3390/ma14247560	2021	https://www.mdpi.com/1996-1944/14/24/7560	3,623	4,62	WOS
48	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	Xianke Lu, Yubao Zhang, Shengjie Xiao, Yan Lu, Dezhong Meng, Wenbo Qin, Jiansheng Li, Tribological Behavior and Mechanism of High Proportion of Ceramic Particles Reinforced Al Composite, Journal of Materials Research and Technology, Volume: 15, Pages: 4931-4939, 10.1016/j.jmrt.2021.10.091, Elsevier	2021	https://www.sciencedirect.com/science/article/pii/S2238785421012278	0,000	1,00	WOS

49	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	Satyapal Mahade, Antonio Mulone, Stefan Björklund, Uta Klement, Shrikant V Joshi-Investigating Load, Dependent Wear Behavior and Degradation Mechanisms in Cr3c2-Nicr Coatings Deposited by Hvac and Hvof, Journal of Materials Research and Technology, Volume: 15, Pages: 4595-4609, 10.1016/j.jmrt.2021.10.088, Elsevier	2021	https://www.sciencedirect.com/science/article/pii/S2238785421012254	0,000	1,00	WOS
50	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	Experimental and finite element analysis of lignite fly ash on the mechanical properties of sisal added polymer matrix composite using ansys workbench, Journal of Natural Fibers,doi.org/10.1080/15440478.2021.1941487	2021	https://www.tandfonline.com/doi/abs/10.1080/15440478.2021.1941487	4,183	5,18	WOS
51	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	Dr Arunkumar T., Velmurugan Pavanan, Vijay Anand Murugesan, Karthikeyan Ramachandran, Influence of nanoparticles reinforcements on aluminium 6061 alloys fabricated via novel ultrasonic aided Rheo-Squeeze Casting Method, Metals and Materials International volume 28, pages 145–154	2022	https://link.springer.com/article/10.1007/s12540-021-01036-0	2,541	3,54	WOS
52	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	Senthil Kumaran Selvaraj, Kathiravan Srinivasan, Utkarsh Chadha, Rajat Mishra, Kurane Arpit, Kumar Apurb, Yuh-Chung Hu, Contemporary Progresses in Ultrasonic Welding of Aluminum Metal Matrix Composites, Frontiers in Materials, Volume: 8, Pages: 126. Apr 30, 0.3389/fmats.2021.647112	2021	https://www.frontiersin.org/articles/10.3389/fmats.2021.647112/full	3,515	4,52	WOS

53	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	Rohit Chandel, Neeraj Sharma, Suneev Anil Bansal-A Review on Recent Developments of Aluminum,Based Hybrid Composites for Automotive Applications, Emergent Materials, Issue: 5, Volume: 4, Pages: 1243-1257. Feb 19, DOI:10.1007/s42247-021-00186-6 Springer	2021	https://link.springer.com/article/10.1007/s42247-021-00186-6	0,000	1,00	WOS
54	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	R. ArunKumar, R.G. AakashKumarK., AneesAhamedB., DeniseAlstynV.Vignesh, Friction stir processing of aluminium alloy,Materials Today Procedings, Volume 16, Part 2, 2019, 1048-1054, doi.org/10.1016/j.matpr.2019.05.194	2019	https://www.sciencedirect.com/science/article/pii/S2214785319310405	0,000	1,00	WOS
55	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	Shahid Ul Islam, Noor Zaman Khan, Mohammad Mohsin Khan, Effect of Reinforcement on Magnesium-Based Composites Fabricated Through Stir Casting: A Review, Materials Today: Proceedings, Volume: 46, Pages: 6513-6518, 10.1016/j.matpr.2021.03.710, Elsevier	2021	https://www.sciencedirect.com/science/article/pii/S2214785321028157	0,000	1,00	WOS
56	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	D S Robinson Smart, J Pradeep Kumar, C Periasamy, Microstructural, Mechanical and Wear Characteristics of Aa7075/tac/si3n4/ti Based Hybrid Metal Matrix Composite Material, Materials Today: Proceedings, Volume: 43 ,Part 2, Pages: 784-794, 10.1016/j.matpr.2020.06.169, Elsevier	2021	https://www.sciencedirect.com/science/article/pii/S221478532034623X	0,000	1,00	WOS

57	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	T Deepthi, K Balamurugan, G Kalusuraman, Abrasive Waterjet Machining Studies on Al6061/15%lapo4 Composite, Materials Today: Proceedings, Volume: 38,part 5, Pages: 2907-2911. 2021, 10.1016/j.matpr.2020.09.237, Elsevier	2021	https://www.sciencedirect.com/science/article/pii/S2214785320369340	0,000	1,00	WOS
58	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	Vishesh Kumar Anand, Amit Aherwar, Mozammel Mia, Omer El-Fakir, Liliang Wang, Influence of Silicon Carbide and Porcelain on Tribological Performance of Al6061 Based Hybrid Composites, Tribology International, Volume: 151, Pages: 106514, 10.3389/fmats.2021.647112, Elsevier	2020	https://www.sciencedirect.com/science/article/abs/pii/S0301679X20303467	4,872	5,87	WOS
59	Arun Kumar Sharma , Rakesh Bhandari , Amit Aherwar , Camelia Pinca-Bretotean, A study of fabrication methods of aluminum based composites focused on stir casting process, Materials Today: Proceedings, Volume: 27, Pages: 1608-1612, DOI:10.1016/j.matpr.2020.03.316, WOS:000544729800016 2020	Peter Baumli, Interfacial Aspects of Metal Matrix Composites Prepared From Liquid Metals and Aqueous Solutions: A Review, Metals, Issue: 10, Volume: 10, Pages: 1400. Oct 21, 10.3390/met10101400	2020	https://www.mdpi.com/2075-4701/10/10/1400	0,000	1,00	WOS
60	A L Craciun , T Hepuț , C Pinca-Bretotean ,Aspects regarding manufacturing technologies of composite materials for brake pad application, IOP Conference Series: Materials Science and Engineering, Volume: 294, Issue: 1, Pages: 12003. Jan 12, 2018	JIANG Ming, LI Shicheng, SHEN Tao, ZHUANG Chun, DONG Bin, TIAN Jie, Journal of Physics: Conference Series, Volume 2009, 2021 3rd International Conference on Polymer Synthesis and Application (ICPSA 2021) 23-25 July 2021, Nanjing, China Citation JIANG ming et al 2021 J. Phys.: Conf. Ser. 2009 012070	2021	https://iopscience.iop.org/article/10.1088/1742-6596/2009/1/012070	0,000	1,00	SCOPUS

61	A L Craciun , T Hapuț , C Pinca-Bretotean ,Aspects regarding manufacturing technologies of composite materials for brake pad application, IOP Conference Series: Materials Science and Engineering, Volume: 294, Issue: 1, Pages: 12003. Jan 12, 2018	A S Vasava, D Singh ,A Review on the Manufacturing of Aluminum Metal Matrix Composite by Various Stir Casting Method, Lecture Notes in Mechanical Engineering, Pages: 341-349. Jul 23, 2021	2021	https://link.springer.com/chapter/10.1007/978-981-16-3033-0_32	0,000	1,00	SCOPUS
62	C Pinca-Bretotean, A Josan and C Birtok-Băneasă, Laboratory testing of brake pads made of organic materials intended for small and medium vehicles, IOP Conference Series: Materials Science and Engineering, 393 (1) , art. no. 012029, 2018	Nandiyanto A/B.D., Tahira A.C., Nofifah S.N., Putri S.R., Girsag G.C.S., Effects of particles size and composite composition of carbon microparticles as reinforcement components on resin-based brake pad performance, Journal of Engineering researches, Vol 9, 16039, Kuwait, DOI: https://doi.org/10.36909/jer.ASSEEE.16039	2021	https://www.researchgate.net/publication/357057184_Effects_of_Particle_Size_and_Composite_Composition_of_Carbon_Microparticles_as_Reinforcement_Components_on_Resin-Based_Brake_Pad_Performance	0,000	1,00	SCOPUS
63	C Pinca-Bretotean, A Josan and C Birtok-Băneasă, Laboratory testing of brake pads made of organic materials intended for small and medium vehicles, IOP Conference Series: Materials Science and Engineering, 393 (1) , art. no. 012029, 2018	Shravan H. Gawande, Study on tribological investigations of alternative automotive brake pad materials, July 2020, Journal of Bio- and Tribo-Corrosion 6(3):1-13, DOI: 10.1007/s40735-020-00388-1	2020	https://www.researchgate.net/publication/342476910_Study_on_Tribological_Investigations_of_Alternative_Automotive_Brake_Pad_Material	0,000	1,00	SCOPUS
64	C Pinca-Bretotean, A Josan and C Birtok-Băneasă, Laboratory testing of brake pads made of organic materials intended for small and medium vehicles, IOP Conference Series: Materials Science and Engineering, 393 (1) , art. no. 012029, 2018	Rațiu S., Alexa V., Josan A., Cioată V., Kiss I., Study of temperature dependent viscosity of different types of engines used oils, January 2020 Journal of Physics Conference Series 1426(1):012001, DOI: 10.1088/1742-6596/1426/1/012001	2020	https://www.researchgate.net/publication/338352112_Study_of_temperature_dependent_viscosity_of_different_types_of_engine_used_oils	0,000	1,00	SCOPUS

65	C Pinca-Bretotean, A Josan and C Birtok-Băneasă, Laboratory testing of brake pads made of organic materials intended for small and medium vehicles, IOP Conference Series: Materials Science and Engineering, 393 (1) , art. no. 012029, 2018	Gawande, S.H., Banait, A.S., Balashowry, K., Study on wear analysis of substitute automotive brake pad materials, Australian Journal of Mechanical Engineering	2020	https://www.tandfonline.com/doi/abs/10.1080/14484846.2020.1831133?journalCode=tmecc20	0,000	1,00	SCOPUS
66	C Pinca-Bretotean, A Josan and C Birtok-Băneasă, Laboratory testing of brake pads made of organic materials intended for small and medium vehicles, IOP Conference Series: Materials Science and Engineering, 393 (1) , art. no. 012029, 2018	AF Mohamed, BO Babakor, NM Ghazaly, MK Hassan, Evaluation of Milled Chamaerops Fruit Shell for Production of Brake Friction Materials, International Journal of Advanced Science and Technology Vol. 28, No. 16, (2019), pp. 783-791, Elsevier	2019	https://www.researchgate.net/publication/338052033_Evaluation_of_Milled_Chamaerops_Fruit_Shell_for_Production_of_Brake_Friction_Materials	0,000	1,00	SCOPUS
67	C Pinca-Bretotean, A Josan and C Birtok-Băneasă, Laboratory testing of brake pads made of organic materials intended for small and medium vehicles, IOP Conference Series: Materials Science and Engineering, 393 (1) , art. no. 012029, 2018	Kumar, S., Gangil, B., Mer, K.K.S., Biswas, D., Patel, V.K., Asbestos Free Braking Pads by Using Organic Fiber Based Reinforced Composites for Automotive Industries, Energy, Environment, and Sustainability, pp. 327-343, 2019, Scopus	2019	https://link.springer.com/chapter/10.1007/978-981-15-0434-1_17	0,000	1,00	SCOPUS
68	Pinca-Bretotean Camelia, Bhandari R., Sharma C., Preda C., Sharma A.K., An investigation of thermal behavior of brake disk pad assembly with Ansys, Materials Today proceedings, 47(10), pg. 2322-2328, 2021, doi.org/10.1016/j.matpr.2021.04.296	Wojciech Sawczuk, Mateusz Jüngst, Dariusz Ulbrich, Jakub Kowalczyk, Modelling the depth of surface cracks in brake disc, Materials (Basel). 2021 Jul; 14(14): 3890, Published online 2021 Jul 12. doi: 10.3390/ma14143890	2021	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8305000/	0,000	1,00	SCOPUS

69	Pinca-Bretotean Camelia, Bhandari R., Sharma C., Preda C., Sharma A.K., An investigation of thermal behavior of brake disk pad assembly with Ansys, Materials Today proceedings, 47(10), pg. 2322-2328, 2021, doi.org/10.1016/j.matpr.2021.04.296	Dwi Rahmalina, Hendri SukmaAmin, SuhadiAmin Suhadi, Thermomechanical and tribological properties of SiC/Gr reinforced hybrid aluminium composite for disc brake application, October 2021WSEAS Transactions on Applied and Theoretical Mechanics 16:179-186, DOI: 10.37394/232011.2021.16.20	2021	https://wseas.com/journals/mechanics/2021/a405111-433.pdf	0,000	1,00	SCOPUS
70	Camelia Bretotean Pinca, Gelu Ovidiu Tirian, A Josan , Gladiola Chete -Quantitative and qualitative study on the state of stresses and strains of the strength structure of a crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics	Leszek Sowa, Wiesława Piekarska, Tomasz Skrzypczak, Paweł Kwiatóń, The effect of restraints type on the generated stresses in gantry crane beam, MATEC Web Conf., Volume 157, 2018 Machine Modelling and Simulations 2017 (MMS 2017), Article Number 02046	2018	https://www.matec-conferences.org/articles/mateconf/abs/2018/16/mateconf_mms2018_02046/matecconf_mms2018_02046.html	0,000	1,00	SCOPUS
71	Camelia Bretotean Pinca, Gelu Ovidiu Tirian, A Josan , Gladiola Chete -Quantitative and qualitative study on the state of stresses and strains of the strength structure of a crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics	Leszek Sowa, Tomasz Skrzypczak, Paweł Kwiatóń, The effect of the gantry crane beam cross section on the level of generated stresses, MATEC Web Conf., Volume 157, 2018, Machine Modelling and Simulations 2017 (MMS 2017), Article Number 02047	2018	https://www.matec-conferences.org/articles/mateconf/abs/2018/16/mateconf_mms2018_02047/matecconf_mms2018_02047.html	0,000	1,00	Scopus
72	Camelia Bretotean Pinca, Gelu Ovidiu Tirian, A Josan , Gladiola Chete -Quantitative and qualitative study on the state of stresses and strains of the strength structure of a crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics	Da-peng Zhang, Wenming Cheng, Bin Wang-Variational Analysis of Mid-Span Deflection of Gantry Cranes, Journal of Central South University, Issue: 11, Volume: 24, Pages: 2705-2716. Dec 16, 10.1007/s11771-017-3683-6	2017	https://www.lens.org/lens/scholar/article/109-521-651-322-748/main	0,000	1,00	SCOPUS

73	Camelia Bretotean Pinca, Gelu Ovidiu Tirian, A Josan , Gladiola Chete -Quantitative and qualitative study on the state of stresses and strains of the strength structure of a crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics	Sowa, L., Saternus, Z., Kubiak, M./Numerical Modelling of Mechanical Phenomena in the Gantry Crane Beam, Procedia Engineering, Vol. 177, pp. 225 – 232, 1877-7058, https://doi.org/10.1016/j.proeng.2017.02.193 , 2017, elsevier/sciencedirect	2017	https://www.researchgate.net/publication/314716597_Numerical_Modelling_of_Mechanical_Phenomena_in_the_Gantry_Crane_Beam	0,000	1,00	SCOPUS
74	Camelia Bretotean Pinca, Gelu Ovidiu Tirian, A Josan , Gladiola Chete -Quantitative and qualitative study on the state of stresses and strains of the strength structure of a crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics	L Sowa, P Kwiatóń, Numerical Analysis of Stress Fields Generated in the Gantry Crane Beam, Procedia Engineering, Vol. 177, pp. 218 – 224, doi.org/10.1016/j.proeng.2017.02.192 , 2017	2017	https://www.researchgate.net/publication/314716089_Numerical_Analysis_of_Stress_Fields_Generated_in_the_Gantry_Crane_Beam	0,000	1,00	SCOPUS
75	Camelia Bretotean Pinca, Gelu Ovidiu Tirian, A Josan , Gladiola Chete -Quantitative and qualitative study on the state of stresses and strains of the strength structure of a crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics	Zhang, D., Cheng, W., Xiao W.N., The effect of rigid-soft legs on mid-span deflection in gantry cranes, Hunan Daxue Xuebao/Journal of Hunan University Natural Sciences, Volume 43, Issue 4, 25 April 2016, Pages 9-16, ISSN:1674-2974	2016	https://www.researchgate.net/publication/309458266_The_effect_of_rigid-soft_legs_on_mid-span_deflection_in_gantry_cranes	0,000	1,00	SCOPUS
76	Camelia Bretotean Pinca, Gelu Ovidiu Tirian, A Josan , Gladiola Chete -Quantitative and qualitative study on the state of stresses and strains of the strength structure of a crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics	Zhang, D., Cheng, W., Cai, K., Study on prediction deflection at girder midspan of large tonnage rigid connection legs gantry crane based on energy method, Jixie Qiangdu/Journal of Mechanical Strength, Volume 37, Issue 5, 15 October 2015, Pages 886-891, ISSN:1001-9669	2016	https://www.scientific.net/AMM.628.214	0,000	1,00	SCOPUS

77	Camelia Bretotean Pinca, Gelu Ovidiu Tirian, A Josan , Gladiola Chete -Quantitative and qualitative study on the state of stresses and strains of the strength structure of a crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics	Holst, C., Burghof, M., Kuhlmann, H., Modeling the beam deflection of a gantry crane under load, Journal of Surveying Engineering, Volume 140, Issue 1, 2014, Pages 52-59, doi.org/10.1061/(ASCE)SU.1943-5428.0000116	2015	https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29SU.1943-5428.0000116	0,000	1,00	SCOPUS
78	Camelia Bretotean Pinca, Gelu Ovidiu Tirian, A Josan , Gladiola Chete - Quantitative and qualitative study on the state of stresses and strains of the strength structure of a crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics	Mile Savković, Milomir Gašić, Dobrivoje Čatić, Ružica R Nikolić, Goran V Pavlović-Optimization of the Box Section of the Main Girder of the Bridge Crane With the Rail Placed Above the Web Plate, Structural and Multidisciplinary Optimization, Issue: 2, Volume: 47, Pages: 273-288. Jul 11, 10.1007/s00158-012-0813-5, WOS:000313803100009, SpringerLink	2013	https://www.lens.org/lens/scholar/article/074-264-275-548-088/main	0,000	1,00	Scopus
79	Camelia Bretotean Pinca, Gelu Ovidiu Tirian, A Josan , Gladiola Chete - Quantitative and qualitative study on the state of stresses and strains of the strength structure of a crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics	Provatidis C.G., A study of the mechanics of an oscillating mechanism, International Journal of Mechanics, 5(4), 263-274	2011	https://www.naun.org/main/NAUN/mechanics/17-093.pdf	0,000	1,00	Scopus
80	Gelu Ovidiu Tirian, Camelia Bretotean Pinca , Daniela Cristea , Marcel Topor , Applications of fuzzy logic in continuous casting, WSEAS Transactions on Systems and Control archive, Volume: 5, Issue: 3, Pages: 133-142. Mar 1, 2010	Pongsak Holimchayachotikul, Komgrit Leksakul, Predictive Performance Measurement System for Retail Industry Using Neuro-Fuzzy System Based on Swarm Intelligence, Soft Computing, Issue: 7, Volume: 21, Pages: 1895-1912. Feb 18, Springer	2016	https://link.springer.com/article/10.1007/s00500-016-2082-5	0,000	1,00	SCOPUS
81	Gelu Ovidiu Tirian, Camelia Bretotean Pinca , Daniela Cristea , Marcel Topor , Applications of fuzzy logic in continuous casting, WSEAS Transactions on Systems and Control archive, Volume: 5, Issue: 3, Pages: 133-142. Mar 1, 2010	Caius Panoiu,Raluca Rob,Manuela Panoiu, Powe variation during the functioning of nonlinear load, February 2016, IOP Conference Series Materials Science and Engineering 106(1):012022, DOI: 10.1088/1757-899X/106/1/012022	2016	https://www.researchgate.net/publication/292669368_Power_variation_during_the_functioning_of_nonlinear_load	0,000	1,00	SCOPUS

82	Gelu Ovidiu Tirian, Camelia Bretotean Pinca , Daniela Cristea , Marcel Topor , Applications of fuzzy logic in continuous casting, WSEAS Transactions on Systems and Control archive, Volume: 5, Issue: 3, Pages: 133-142. Mar 1, 2010	Tomas Mauder, Cenek Sandera, Josef Stetina, Optimal control algorithm for continuous casting process by using fuzzy logic, February 2015, Steel Research International 86(7), DOI: 10.1002/srin.201400213	2015	https://www.researchgate.net/publication/272389225_Optimal_Control_Algorithm_for_Continuous_Casting_Process_by_Using_Fuzzy_Logic	0,000	1,00	SCOPUS
83	Gelu Ovidiu Tirian, Camelia Bretotean Pinca , Daniela Cristea , Marcel Topor , Applications of fuzzy logic in continuous casting, WSEAS Transactions on Systems and Control archive, Volume: 5, Issue: 3, Pages: 133-142. Mar 1, 2010	Raluca Rob, C Panoiu, M Panoiu, Study Regarding the Power Quality Improvement in Functioning of Nonlinear Loads, IOP Conference Series: Materials Science and Engineering, Issue: 1, Volume: 85, Pages: 12029. Jun 18	2015	https://www.researchgate.net/publication/279071069_Study_regarding_the_power_quality_improvement_in_functioning_of_nonlinear_loads	0,000	1,00	SCOPUS
84	Gelu Ovidiu Tirian, Camelia Bretotean Pinca , Daniela Cristea , Marcel Topor , Applications of fuzzy logic in continuous casting, WSEAS Transactions on Systems and Control archive, Volume: 5, Issue: 3, Pages: 133-142. Mar 1, 2010	Miha Moškon, Solving the vaguely defined assignment problems, January 2011International Journal of Mathematical Models and Methods in Applied Sciences 5(4):773-780	2011	https://www.researchgate.net/publication/290544814_Solving_the_vaguely_defined_assignment_problems	0,000	1,00	SCOPUS
85	Gelu Ovidiu Tirian, Camelia Bretotean Pinca , Daniela Cristea , Marcel Topor , Applications of fuzzy logic in continuous casting, WSEAS Transactions on Systems and Control archive, Volume: 5, Issue: 3, Pages: 133-142. Mar 1, 2010	Theeradech Mookum, B. Wiwatanapataphee, Yonghong Wu, Turbulent flow and heat transfer problem in the electromagnetic continuous casting process, INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTERS IN SIMULATION, 5(4), 310-317	2011	https://www.naun.org/main/NAUN/mcs/20-808.pdf	0,000	1,00	SCOPUS
86	Gelu Ovidiu Tirian, Camelia Bretotean Pinca , Daniela Cristea , Marcel Topor , Applications of fuzzy logic in continuous casting, WSEAS Transactions on Systems and Control archive, Volume: 5, Issue: 3, Pages: 133-142. Mar 1, 2010	Manuela Panoiu, Caius Panoiu, Raluca Rob, Loedana Ghiorghioni, System based on fuzzy logic for maintain optimum environmental conditions in a fir tree greenhouse, Conference: Proceedings of the 14th WSEAS international conference on Systems: part of the 14th WSEAS CSCC multiconference - Volume II, 5(10), pg. 835-846	2010	https://www.researchgate.net/publication/262285382_System_based_on_fuzzy_logic_for_maintain_optimum_environmental_conditions_in_a_fir_tree_greenhouse	0,000	1,00	SCOPUS

87	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Josan A.-Application of finite element method to an overhead crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics, Vol: 4, 10(64-73) Issue 2, 2008	Hassan S Mohamed, Sabreen A Abdelwahab-Double-Girder Overhead Crane Optimum Design Using Weighted Decision Matrix and Finite Element Analysis, Journal of The Institution of Engineers (India): Series C, Issue: 2, Volume: 102, Pages: 283-304. Jan 9, 10.1007/s40032-020-00652-w	2021	https://www.lens.org/lens/scholar/article/052-557-827-201-05X/main	0,000	1,00	Scopus
88	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Josan A.-Application of finite element method to an overhead crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics, Vol: 4, 10(64-73) Issue 2, 2008	M Abid, SM Khan, HA Wajid, OPTIMIZATION OF BOX TYPE GIRDER WITH AND WITHOUT INDUSTRIAL CONSTRAINTS, IIUM Engineering Journal, Vol 19(1), 289-306, DOI: doi.org/10.31436/iiumej.v19i1.769, 2018, Scopus	2018	https://journals.iium.edu.my/ejournal/index.php/iiumej/article/view/769?articlesBySameAuthorPage=2	0,000	1,00	SCOPUS
89	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Josan A.-Application of finite element method to an overhead crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics, Vol: 4, 10(64-73) Issue 2, 2008	Mile Savković, Radovan R Bulatović, Milomir Gašić, Goran Pavlović, Aleksandar Stepanovic-Optimization of the Box Section of the Main Girder of the Single-Girder Bridge Crane by Applying Biologically Inspired Algorithms, Engineering Structures, Volume: 148, Pages: 452-465. 2017	2017	https://www.lens.org/lens/scholar/article/046-177-814-306-272/main	0,000	1,00	SCOPUS
90	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Josan A.-Application of finite element method to an overhead crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics, Vol: 4, 10(64-73) Issue 2, 2008	Holst, C., Burghof, M., Kuhlmann, H., Modeling the beam deflection of a gantry crane under load, Journal of Surveying Engineering, Volume 140, Issue 1, 2014, Pages 52-59, doi.org/10.1061/(ASCE)SU.1943-5428.0000116	2014	http://www.idc-online.com/technical_references/pdfs/mechanical_engineering/Resistance%20of%20Thin.pdf	0,000	1,00	SCOPUS
91	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Josan A.-Application of finite element method to an overhead crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics, Vol: 4, 10(64-73) Issue 2, 2008	Kala Z., Kala J., Resistance of plate girders under combined bending and shear, Proc. of the 3rd WSEAS International Conference on Engineering Mechanics, Structures, Engineering Geology, International Conference on Geography and Geology-Proceedings, Vol. 5(4), 166-171, 2010	2010	https://www.researchgate.net/publication/262327779_Resistance_of_plate_girders_under_combined_bending_and_shear	0,000	1,00	Scopus
92	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Josan A.-Application of finite element method to an overhead crane bridge, WSEAS Transactions on Applied and Theoretical Mechanics, Vol: 4, 10(64-73) Issue 2, 2008	Kala Z., Kala J., Resistance of thin-walled plate girders under combined and shear, WSEAS Transactions on applied and theoretical mechanics, issue 4, vol.5, 242-251	2010	https://www.researchgate.net/publication/262327779_Resistance_of_plate_girders_under_combined_bending_and_shear	0,000	1,00	Scopus

93	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Socalici Ana Virginia, Ardelean Erika, Dimensional optimization for the strength structure of a traveling crane, WSEAS Transactions on Applied and Theoretical Mechanics, 4, 147-156	Xiaoning Fan, Jiuxiang Zhou, A reliability-based design optimization of crane metallic structure based on ant colony optimization and LHS, 2018 13th World Congress on Intelligent Control and Automation (WCICA), Accession Number: 18417785, DOI: 10.1109/WCICA.2018.8630528	2018	https://ieeexplore.ieee.org/document/8630528	0,000	1,00	Scopus
94	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Socalici Ana Virginia, Ardelean Erika, Dimensional optimization for the strength structure of a traveling crane, WSEAS Transactions on Applied and Theoretical Mechanics, 4, 147-156	M UHAMMAD A BID , SHAHBAZ M AHMOOD K HAN, H AFIZ A BDUL W AJID ,Optimization of box type girder with and without industrial constraints, IIUM Engineering Journal, Vol. 19, No. 1,doi.org/10.31436/iiumej.v19i1.769	2018	https://pdfs.semanticscholar.org/f16a/57afd5e521b853f5f56fadcf225c02966217.pdf	0,000	1,00	Scopus
95	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Socalici Ana Virginia, Ardelean Erika, Dimensional optimization for the strength structure of a traveling crane, WSEAS Transactions on Applied and Theoretical Mechanics, 4, 147-156	Xiao-Ning Fan, Bo Zhi, Design for a crane metallic structure based on imperialistic competitive algorithm and inverse reliability strategy, Chinese Journal of Mechanical Engineering volume 30, pages 900–912 (2017)	2017	https://cjme.springeropen.com/articles/10.1007/s10033-017-0139-8	0,000	1,00	Scopus
96	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Socalici Ana Virginia, Ardelean Erika, Dimensional optimization for the strength structure of a traveling crane, WSEAS Transactions on Applied and Theoretical Mechanics, 4, 147-156	José Angel Diosdado De la Peña, Antonio Balvantin, Pablo Alberto Limon, LeyvaP. A. Pérez-Olivas, Analysis by finite element method to redesign a jointed telescopic crane for elevation of personnel, October 2017, Strength of Materials 49(4):1-13, DOI: 10.1007/s11223-017-9880-6	2017	https://www.researchgate.net/publication/320246123_Analysis_by_Finite_Element_Method_to_Redesign_a_Jointed-Telescopic_Crane_for_Elevation_of_Personnel	0,000	1,00	SCOPUS
97	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Socalici Ana Virginia, Ardelean Erika, Dimensional optimization for the strength structure of a traveling crane, WSEAS Transactions on Applied and Theoretical Mechanics, 4, 147-156	Xiaoning Fan, Xiaoheng Bi, Reability-based design optimization for crane metallic structure using ACO and AFOSM based on China standards, Article ID 828930,doi.org/10.1155/2015/828930	2015	https://www.hindawi.com/journals/mpe/2015/828930/	0,000	1,00	SCOPUS

98	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Socalici Ana Virginia, Ardelean Erika, Dimensional optimization for the strength structure of a traveling crane, WSEAS Transactions on Applied and Theoretical Mechanics, 4, 147-156	Xiaogang Qu, Gening Xu, Xiaoning Fan, Xiaoheng Bi, Intelligent optimization methods for the design of an overhead travelling crane, December 2014 Chinese Journal of Mechanical Engineering 28(1), DOI: 10.3901/CJME.2014.1008.157	2015	https://www.researchgate.net/publication/269290436_Intelligent_Optimization_Methods_for_the_Design_of_an_Overhead_Travelling_Crane	0,000	1,00	SCOPUS
99	Pinca-Bretotean Camelia, Tirian Gelu Ovidiu, Socalici Ana Virginia, Ardelean Erika, Dimensional optimization for the strength structure of a traveling crane, WSEAS Transactions on Applied and Theoretical Mechanics, 4, 147-156	Mile Savković, Milomir Gašić, Dobrivoje Ćatić, Ružica R Nikolić, Goran V Pavlović-Optimization of the Box Section of the Main Girder of the Bridge Crane With the Rail Placed Above the Web Plate, Structural and Multidisciplinary Optimization, Issue: 2, Volume: 47, Pages: 273-288. Jul 11, 10.1007/s00158-012-0813-5, WOS:000313803100009, SpringerLink	2013	https://www.lens.org/lens/scholar/article/074-264-275-548-088/main	0,000	1,00	SCOPUS
100	Sharma A. K., Bhandari R., Pinca-Bretotean Camelia, Dahad S.C., Mathur A., A study of trends and industrial prospects of Industry 4.0, Materials Today: Proceedings, https://doi.org/10.1016/j.matpr.2021.04.321 , 47(5), pg.2364-2369,2021, WOS 000704990300025	Chun-Hua Chien , Po-Yen Chen , Amy J. C. Trappey , Charles V. Trappey, Intelligent supply chain management modelos enabling advanced manufacturing for the electric-mechanical equipment industry, Volume 2022, Article ID 8221706, doi.org/10.1155/2022/8221706	2022	https://www.hindawi.com/journals/complecity/2022/8221706/	0,000	1,00	SCOPUS
101	Sharma A. K., Bhandari R., Pinca-Bretotean Camelia, Dahad S.C., Mathur A., A study of trends and industrial prospects of Industry 4.0, Materials Today: Proceedings, https://doi.org/10.1016/j.matpr.2021.04.321 , 47(5), pg.2364-2369,2021, WOS 000704990300025	Kun Pan, Yuchen Jiang, Computer prediction model for equipment maintainance cloud computing and secure data-sharing, Journal of Physics: Conference Series, Volume 2083, 2.Computational Science, J. Phys.: Conf. Ser. 2083 042042	2021	https://iopscience.iop.org/article/10.1088/1742-6596/2083/4/042042	0,000	1,00	SCOPUS
102	Sharma A. K., Bhandari R., Pinca-Bretotean Camelia, Dahad S.C., Mathur A., A study of trends and industrial prospects of Industry 4.0, Materials Today: Proceedings, https://doi.org/10.1016/j.matpr.2021.04.321 , 47(5), pg.2364-2369,2021, WOS 000704990300025	Nuno Alvarenga, João Martins, José Caeiro, João Garcia, João Pássaro, Luis Coelho, Maria Teresa Santos, Célia Lampreia, António Martins, João Dias, Applying computational fluid dynamics in the development of smart ripening rooms for traditional cheeses, Foods 2021, 10(8), 1716; doi.org/10.3390/foods10081716	2021	https://www.mdpi.com/2304-8158/10/8/1716	0,000	1,00	SCOPUS

103	Sharma A. K., Bhandari R., Pinca-Bretotean Camelia, Dahad S.C., Mathur A., A study of trends and industrial prospects of Industry 4.0, Materials Today: Proceedings, https://doi.org/10.1016/j.matpr.2021.04.321 , 47(5), pg.2364-2369,2021, WOS 000704990300025	Enrique A.López-Guajardoa, FernandoDelgado-Liconaab, Alejandro J.Álvarez, Krishna D.P.Nigamac, AlejandroMontesinos-Castellanosa, RubenMorales-Menendez, Process intensification 4.0: A new approach for attaining new, sustainable and circular processes enabled by machine learning, Chemical Engineering and Processing - Process Intensification Available online 16 October 2021, 108671, doi.org/10.1016/j.cep.2021.108671		https://www.sciencedirect.com/science/article/pii/S0255270121003597		0,00	SCOPUS
	Total						135,94

PINCA-BRETOTEAN CAMELIA