

NICOLAE MUNTEAN-LUCRARI ISI

Title	Authors	Source Title	Publication Date	Publication Year	Volume	Issue	Beginning Page	Ending Page	DOI	Conference Title	Conference Date	Total ISI Citations	Average per Year	Numar de autori	factor de impact	Punctaj (25+20*factor de impact)/nr autori
Complete parameter identification of large induction machines from no-load acceleration-deceleration tests	Babau, Radu; Boldea, Ion; Miller, T. J. E.; Muntean, Nicolae	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	AUG 2007	2007	54	4	1962	1972	10.1109/TIE.2007.895080	ISI JOURNAL		13	1.86	4	5.16	32.05
ROBUST LOW-COST IMPLEMENTATION OF VECTOR CONTROL FOR RELUCTANCE SYNCHRONOUS MACHINES	BOLDEA, I.; MUNTEAN, N.; NASAR, SA	IEE PROCEEDINGS-ELECTRIC POWER APPLICATIONS	JAN 1994	1994	141	1	1	6	10.1049/epa:19949789	ISI JOURNAL		9	0.45	3	0.8	13.67
Modified Z-source single-phase inverter for single-phase PM synchronous motor drives	Antal, R.; Muntean, N.; Boldea, I.	PROCEEDINGS OF THE 11TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, VOL II A AND B		2008	2008		245	250		11th International Conference on Optimization of Electrical and Electronic Equipment	MAY 22-23, 2008	2	0.33	3		8.33
A modified carrier-based PWM modulation technique in Z-source inverters	Muntean, N.; Tutelea, L.; Boldea, I.	ELECTRICAL MACHINES AND POWER ELECTRONICS & ELECTROMOTION, PROCEEDINGS		2007	2007		174	180		Joint Conference on Electromotion/IEEE Aegean Conference on Electrical Machines and Power Electronics/	SEP 10-12, 2007	1	0.14	3		8.33
Simulation and Experiment of a Fuzzy Logic Based MPPT Controller for a Small Wind Turbine System	Petrila, Diana; Muntean, Nicolae	NUMERICAL ANALYSIS AND APPLIED MATHEMATICS (ICNAAM 2012), VOLS A AND B		2012	2012	1479	1619	1622	10.1063/1.4756476	International Conference of Numerical Analysis and Applied Mathematics (ICNAAM)	SEP 19-25, 2012	0	0.00	2		12.50
Novel, Four-Switch, Z-Source Three-Phase Inverter	Antal, Robert; Muntean, Nicolae; Boldea, Ion; Blaabjerg, Frede	IECON 2010: 36TH ANNUAL CONFERENCE OF THE IEEE INDUSTRIAL ELECTRONICS SOCIETY		2010	2010					36th Annual Conference of the IEEE Industrial Electronics Society/4th IEEE International Conference on E-Learning in Industrial Electronics/IES Industry Forum	NOV 07-10, 2010	0	0.00	4		6.25
Interleaved 3 Phase DC/DC Converter for Automotive Applications	Cornea, O.; Muntean, N.; Gavris, M.	OPTIM 2010: PROCEEDINGS OF THE 12TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, PTS I-IV		2010	2010		589	594		12th International Conference on Optimization of Electrical and Electronic Equipment	MAY 20-21, 2010	0	0.00	3		8.33
Boiler-Turbine Simulator with Real-Time Capability for Dispatcher Training Using LabView	Iacob, Mihai; Andreescu, Gheorghe-Daniel; Muntean, Nicolae	OPTIM 2010: PROCEEDINGS OF THE 12TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, PTS I-IV		2010	2010		864	869		12th International Conference on Optimization of Electrical and Electronic Equipment	MAY 20-21, 2010	0	0.00	3		8.33
A New Conversion and Control System for a Small Off - Grid Wind Turbine	Muntean, Nicolae; Cornea, Octavian; Petrila, Diana	OPTIM 2010: PROCEEDINGS OF THE 12TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, PTS I-IV		2010	2010		1167	1173		12th International Conference on Optimization of Electrical and Electronic Equipment	MAY 20-21, 2010	0	0.00	3		8.33
SCADA System for a Central Heating and Power Plant	Iacob, Mihai; Andreescu, Gheorghe-Daniel; Muntean, Nicolae	SACI: 2009 5TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS		2009	2009		149	154		5th International Symposium on Applied Computational Intelligence and Informatics	MAY 28-29, 2009	0	0.00	3		8.33
Modified Z-Source Single-Phase Inverter with Two Switches	Boldea, Ion; Antal, Robert; Muntean, Nicolae	2008 IEEE INTERNATIONAL SYMPOSIUM ON INDUSTRIAL ELECTRONICS, VOLS 1-5		2008	2008		1877	1883		IEEE International Symposium on Industrial Electronics	JUN 30-JUL 02, 2008	0	0.00	3		8.33

REGEN 1x15 kW - An industrial automation system for small scale hydrogenators supplying insular or grid consumers	Babau, Radu; Muntean, Ovidiu; Scridon, Sever; Hedes, Alexandru; Boldea, Ion; Muntean, Nicolae; Grando, Ioan	OPTIM 04: PROCEEDINGS OF THE 9TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, VOL II: POWER ELECTRONICS, ELECTRICAL MACHINES AND DRIVES	2004	2004		327	334	9th International Conference on Optimization of Electrical and Electronic Equipment	MAY 20-22, 2004	0	0.00	7	3.57		
ANALYSIS OF 2-LEVEL BIPOLAR CURRENT CONTROL OF 3-PHASE RELUCTANCE MOTORS	BOLDEA, I.; MUNTEAN, N.; NASAR, SA	ELECTRIC MACHINES AND POWER SYSTEMS	NOV-DEC 1994	1994	22	6	619	628	10.1080/07313569408955593 ISI JOURNAL		0	0.00	3	0.63	12.53
A TEMPERATURE CONTROL SYSTEM FOR WATER COOLING TOWERS BASED ON VARIABLE SPEED DRIVES	Muntean N., Volosencu, C., Hedes, A.	9TH WSEAS International Conference on Automation and Information		2008			184	189	9TH WSEAS International Conference on Automation and Information	2008	0.00	0	3	8.33	

TOTAL ISI 147.24

NICOLAE MUNTEAN-LUCRARI BDI

Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Cited by	Document Type	Source	Numar de autori	Punctaj 20/nr autori
Cornea, O., Muntean, N., Teodorescu, R., Gavris, M.L.	Dual input hybrid buck LC converter for a mixed wind and PV array generation system	2012	15th International Power Electronics and Motion Control Conference and Exposition, EPE-PEMC 2012 ECCE Europe			6397222	DS1b.221	DS1b.226		Conference Paper	Scopus	4	5.00
Muntean, N., Cornea, O., Pelan, O., Lascu, C.	Comparative evaluation of buck and hybrid buck DC-DC converters for automotive applications	2012	15th International Power Electronics and Motion Control Conference and Exposition, EPE-PEMC 2012 ECCE Europe SPEEDAM 2012 - 21st International Symposium on Power Electronics, Electrical Drives, Automation and Motion			6397272	DS2b.31	DS2b.36		Conference Paper	Scopus	4	5.00
Gavris, M., Cornea, O., Muntean, N.	Dual input hybrid buck LC converter	2012	SPEEDAM 2012 - 21st International Symposium on Power Electronics, Electrical Drives, Automation and Motion			6264572	309	314	1	Conference Paper	Scopus	3	6.67
Pelan, O., Muntean, N., Cornea, O.	Comparative evaluation of buck and switched-capacitor hybrid buck DC-DC converters	2012	SPEEDAM 2012 - 21st International Symposium on Power Electronics, Electrical Drives, Automation and Motion			6264565	1330	1335		Conference Paper	Scopus	3	6.67
Petrila, D., Blaabjerg, F., Muntean, N., Lascu, C.	Fuzzy logic based MPPT controller for a small wind turbine system	2012	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment, OPTIM			6231936	993	999		Conference Paper	Scopus	4	5.00
Cornea, O., Pelan, O., Muntean, N.	Comparative study of buck and hybrid buck switched-inductor DC-DC converters	2012	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment, OPTIM			6231912	853	858		Conference Paper	Scopus	3	6.67
Muntean, N., Gavris, M., Cornea, O.	Dual input, small power, PV and wind energy conversion system	2012	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment, OPTIM			6231942	906	911		Conference Paper	Scopus	3	6.67
Muntean, N., Gavris, M., Cornea, O.	Dual input hybrid DC-DC converters	2011	EUROCON 2011 - International Conference on Computer as a Tool - Joint with Conftele 2011			5929268				Conference Paper	Scopus	3	6.67
Gavris, M., Cornea, O., Muntean, N.	Multiple input DC-DC topologies in renewable energy systems - A general review	2011	EXPRES 2011 - 3rd IEEE International Symposium on Exploitation of Renewable Energy Sources, Proceedings			5741805	123	128	2	Conference Paper	Scopus	3	6.67
Muntean N., Tutelea L., Petrila D., Pelan O.	HARDWARE IN THE LOOP WIND TURBINE EMULATOR	2011	Proceedings of ACEMP 2011, Istanbul, Turkey				6 pgs.			Conference Paper	IEEEExplore	4	5.00

Muntean N. Gavriş M., Cornea O.	A NEW DUAL- INPUT HYBRID BUCK DC-DC CONVERTER	2011	Proceedings of ACEMP 2011, Istanbul, Turkey			6 pgs.	Conference Paper	IEEEExplore	3	6.67			
Budisan, N., Muntean, N., Boraci, R., Cornea, O., Koch- Ciolobaru, C., Petrila, D.	Electronic conversion system and speed-control strategy for small wind generators	2010	ICCC-CONTI 2010 - IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics, Proceedings	5491231	455	458	2	Conference Paper	Scopus	6	3.33		
Muntean, N., Hedes, A., Scridon, S., Babau, R.	Variable speed drive structures and benefits in cooling tower fans applications	2007	WSEAS Transactions on Systems	6	4	BDI JOURNAL	766	771	2	Article	Scopus	4	5.00
Muntean, N., Hedes, A., Scridon, S.	Harmonic analysis study of an industrial power system with high power adjustable speed drives	2007	WSEAS Transactions on Systems	6	4	BDI JOURNAL	772	779	3	Article	Scopus	3	6.67
Boldea I., Tutelea L., Muntean N.	VOLTAGE/FREQUENCY AC DRIVES	1995	ELECTROMOTION 4/1995		4	BDI JOURNAL	206	210	5	Article	INSPEC	3	6.67
Boldea I., Muntean N., Dostal Z., Chalmers B. J.	DIRECT VOLTAGE-VECTOR SPEED CONTROL OF SURFACE PERMANENT-MAGNET SYNCHRONOUS MOTOR DRIVE	1995	ELECTROMOTION 2/1995		2	BDI JOURNAL	73	78	6	Article	INSPEC	4	5.00

TOTAL BDI **93.33**

NICOLAE MUNTEAN-BREVETE

Autor(i)	Titlu	Nr. brevet	Nr. Autori	Punctaj 25/nr. Autori
Antal R, Boldea I., Muntean N.	Static converter comprises voltage inverter, anti-parallel diodes and passive components	RO125493	3	8.33
Muntean N., Boldea I., Babau R., Lazarescu E., Tudoran C.	Echipament pentru alimentarea motoarelor electrice asincrone la medie tensiune	RO121245	5	5.00
Muntean Nicolae, Boldea Ion, Hedes Alexandru	Echipament de actionare electrica reglabilă	RO112219	3	8.33
Muntean Nicolae, Capotescu Mircea	Circuit de temporizare, pentru generator de impulsuri	RO110588	2	12.50
Muntean Nicolae, Capotescu Mircea	Generator de impulsuri	RO109139	2	12.50
Savii Gheorghe, Muntean Nicolae, s.a.	Metoda si dispozitiv de activare ultrasonica a electrodului filiform	RO102596	6	4.17
Barbu Ion, Dines Marius, Muntean Nicolae, s.a.	Masina de prelucrat, cu ultrasunete	RO102354	6	4.17
Barbu Ion, Muntean Nicolae, Volosencu C-tin.	Echipament de activare ultrasonica	RO102122	6	4.17
Muntean Nicolae, s.a.	Instalatie pentru testarea transductorilor ultrasonici imersibili	RO102040	6	4.17
Muntean Nicolae, Volosencu Constantin	Echipament de comanda pentru masini de prelucrat cu ultrasunete	RO101925	2	12.50
Nicoara Dan, Muntean Nicolae, s.a.	Echipament de activare ultrasonica cu transductor imersibil	RO101229	6	4.17
Muntean Nicolae, Vidrascu Ion, Volosencu C-tin	Echipament de comanda pentru masini de sudat cu ultrasunete	RO100690	3	8.33
Muntean Nicolae, s.a.	Echipament pentru comanda transductoarelor cu ultrasunete piezoelectrice	RO100311	6	4.17
Muntean Nicolae	Metoda si aparat pentru determinarea frecventei de rezonanta si a nivelului de vibratie	RO95412	1	25.00
Muntean Nicolae	Metoda si dispozitiv pentru activarea transductoarelor de ultrasunete	RO95345	1	25.00
Gal Carol, Isar Alexandru, Muntean Nicolae	Metoda si aparat pentru masurarea randamentului trasuctorilor piezoceramici de putere	RO92569	3	8.33

Muntean Nicolae, Militaru Cornel

Dispozitiv de avans pentru masini-unelte

RO86892

2

12.50

TOTAL BREVETE

163.33