

INFORMAȚII PERSONALE



APOSTOL IASMINA (ONESCU)

 Timisoara, Romania

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Student doctorand în cadrul IOSUD – Universitatea Politehnica Timișoara, Școala Doctorală de Studii Ingineresti, domeniul de doctorat Inginerie Civila si Instalatii, sub conducerea științifică a prof.univ.dr.ing. Marius Mosoarca

FUNCȚIA, LOCUL DE MUNCĂ,

EXPERIENȚA PROFESSIONALĂ

Feb 2017-prezent

Asistent de cercetare - Universitatea Politehnica, Facultatea de Arhitectura si Urbanism

Timisoara | Arhitectura / Design interior | Constructii

Activitati didactice, Implicare in procesul de acreditare a Scolii Doctorale din cadrul Facultatii de Arhitectura Timisoara, Implicare in procesul de acreditare a Masterului de Restaurare din cadrul Facultatii de Arhitectura Timisoara

Feb 2017-prezent

Arhitect

Timisoara | Arhitectura / Design interior | Prestari servicii

Realizare de proiecte de arhitectura, proiecte de amenajare de interior; intocmirea documentatiilor pentru obtinerea avizelor si a autorizatiei de construire; urmarire de santier

Oct 2015-Feb 2017

Arhitect stagiar - Atelier Brevior S.R.L.

Timisoara | Arhitectura / Design interior | Prestari servicii

Realizare de proiecte de arhitectura din faza de discutie cu beneficiarul pana in faza de autorizare; realizarea de documentatii scrise si desenate pentru obtinerea avizelor si a autorizatiei de construire

Nov 2014-Oct 2015

Arhitect stagiar – S.C. Rheinbrucke S.R.L.

Timisoara | Arhitectura / Design interior | Prestari servicii

Realizarea de proiecte de arhitectura si redactare; realizarea de proiecte de amenajare de interior; realizarea de documentatii scrise si desenate pentru obtinerea avizelor si a autorizatiei de construire

Iun 2014-Oct 2014

Intern – HCP Architecture

Malaga, Spain | Arhitectura / Design interior | Prestari servicii

Realizarea de proiecte de arhitectura pentru participarea la concursuri internationale de concept

Iul 2013-Aug 2013

Intern – Gaivoronschi&Andreescu

Timisoara | Arhitectura / Design interior | Prestari servicii

Realizarea de proiecte de arhitectura in faza de concept

Iul 2012-Aug 2012

Intern – Design Project Construct

Resita | Arhitectura / Design interior | Prestari servicii

Realizarea de proiecte de arhitectura in faza de concept

EDUCAȚIE ȘI FORMARE

Oct 2015-Prezent	Studii doctorale – Universitatea Politehnica Timisoara Domeniul Inginerie Civilă Timisoara
Oct 2017-Mai 2018	Postuniversitar – Universitatea Politehnica Timisoara Program de formare psihopedagogica Timisoara
Feb 2017-Mai 2017	Studii doctorale – Università degli Studi di Padova Domeniul Inginerie Civilă Padova, Italia
Sep 2009-lul 2015	Studii universitare – Universitatea Politehnica Timisoara Facultatea de Arhitectura și Urbanism, licență și master Timisoara
Feb 2013-lul 2013	Studii universitare – Università degli Studi di Palermo Facultatea de Arhitectură Palermo, Italia
Sep 2005-lul 2009	Liceu – Liceul Teoretic Traian Lalescu Matematică-Informatică Resita

COMPETENȚE PERSONALE

Limba(i) maternă(e)

Romana

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleză	B2	B2	B2	B2	B2
Italiană	B1	B1	B1	B1	B1

Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat
Cadrul european comun de referință pentru limbi străine

Competențe de comunicare

- bune competențe de comunicare dobândite prin experiența pedagogică, redactarea diverselor documentații pentru acreditarea unui centru de cercetare, realizarea de cursuri scrise, prezentarea cursurilor în mod oral, mentorarea unor echipe mici de studenți în cadrul practicilor de vară
- bune competențe de public speaking dobândite în urma activității de predare în cadrul Facultății de Arhitectură și Urbanism Timisoara

Competențe organizaționale/manageriale

- leadership
- capacitatea de a lucra eficient sub presiune
- adaptabilitate și flexibilitate
- responsabilitate
- proactivitate
- abilități de lucru în echipă

Competențe dobândite la locul de muncă

- bune abilități organizatorice
- bune abilități de comunicare verbală și non verbală
- bune abilități de time management
- gădire analitică
- multitasking

Competență digitală

- ArchiCad
- Lumion 3D
- Adobe Photoshop
- Microsoft Office

Permis de conducere

B

INFORMAȚII SUPLIMENTARE

Premii

- Best Poster Award, ICEFA Conference, ed. Elsevier, Budapest, 2018
- 1st Prize for East-European Kitchen Design Leicht, 2017
- 1st Prize for International Architectural Contest Katara Hills, Quatar, 2014

Conferințe

- International Conference on Green Development, Infrastructure and Technology GREDIT, 31 March-01 April 2016, Skopje, Macedonia
- 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, 23-24 March 2017, Oradea, Romania
- International Conference on Mechanics of Masonry Structures Strengthened with Composites Materials, MuRiCo5, 28-30 June 2017, Bologna, Italy
- 17th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, 22-23 march 2018, Oradea, Romania
- 1st International Conference on Heritage and Sustainable Innovation CoHeSION, 15-17 November 2018, Timisoara, Romania
- World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium, 18-22 june 2018, Prague, Czech Republic
- . 8th International Conference on Engineering Failure Analysis ICEFA, 8-11 July 2018, Budapest, Hungary
- World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium, 17-21 June 2019, Prague, Czech Republic
- 4th International Conference on Structure and Architecture ICSA, 24-26 July 2019, Lisbon, Portugal

Publicații

- M. Mosoarca, I. Onescu, E. Onescu, B. Azap, N. Chieffo, M. Szitar-Sirbu., "Seismic vulnerability assessment for the historical areas of the Timisoara city, Romania", Engineering Failure Analysis (Impact factor 2.897 on 13.07.2020), Vol. 101, pp. 86-112, 2019, WOS:000464960500007
- Mosoarca M., Onescu I., Onescu E., Anastasiadis A., "Seismic vulnerability assessment methodology for historical masonry buildings in the near-field areas", Engineering Failure Analysis (Impact factor 2.897 on 13.07.2020), Vol. 115, article ID: 104662, 2020, in indexation process, available online
- Apostol I., Mosoarca M., Stoian V., "Modern Consolidation Solutions for Buildings with Historical Value. Part I: Reinforced Concrete Structures, Proceedings of 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, pp 111-116, 2017, WOS: 000413420300019
- Mosoarca M., Apostol I., Stoian V., "Modern Consolidation Solutions for Buildings with Historical Value. Part II: Masonry Structures", Proceedings of 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, pp 209-214, 2017, WOS:000413420300037
- Azap B., Apostol I., Mosoarca M., Chieffo N., Formisano A., "Seismic vulnerability scenarios for historical areas of Timisoara", Proceedings of 17th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, pp 149-154, 2019, WOS:000491484600026
- Apostol I., Mosoarca M., Chieffo N., Keller A., Bocan D., Bocan C., Bradeanu R., "Solutions for improving seismic vulnerability of historic masonry buildings", Proceedings of 17th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, pp 131-136, 2018, WOS:000491484600023
- Bocan D., Keller A., Apostol I., Mosoarca M., Bradean R., "The impact of insulating plaster on the energy performance of historical buildings", Proceedings of 17th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, pp 179-184, 2018, WOS:000491484600031
- N. Chieffo, M. Mosoarca, A. Formisano, I. Apostol, "Seismic vulnerability assessment and loss estimation of an urban district of Timisoara", IOP Conference Series: Materials Science and Engineering, Vol. 471, Session 9, 2019, WOS:000465811805085
- . Onescu I., Mosoarca M., Azap B., Onescu E., "Seismic losses scenario for cultural promenade in

- Timisoara Capital of Culture 2021, Romania”, IOP Conference Series: Materials Science and Engineering, Vol. 471, Session 9, 2019, WOS:000465811805056
- Bocan D., Keller A., Bocan C., Apostol I., Mosoarca M., “Potential results of using thermal rehabilitation techniques on a city block of Timisoara and their structural strengthening opportunities”, IOP Conference Series: Materials Science and Engineering, Vol. 471, Session 9, 2019, WOS:000465811802088
 - Onescu I., Onescu E., Mosoarca M., “Multi-criterial vulnerability assessment for Timisoara city, Romania”, Proceedings of the 4th International Conference on Structure and Architecture, Lisabona, Portugalia, 2020, in indexation process, available online
 - Onescu E., Onescu I., Mosoarca M., “Seismic vulnerability assessment of historical group of buildings in Timisoara city”, Proceedings of 18th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, 2020, in indexation process
 - Onescu E., Onescu I., Mosoarca M., “The impact of timber roof framework over historical masonry structures”, IOP Conference Series: Materials Science and Engineering, 2020, in indexation process, available online
 - Onescu I., Onescu E., Mosoarca M., “The impact of the cultural value to the seismic vulnerability of a historical building”, IOP Conference Series: Materials Science and Engineering, 2020, in indexation process, available online
 - Nariță A., Gurza V., Oprea R., Keller A., Apostol I., Mosoarca M., Bocan C., “New vulnerabilities of historic urban centers and archeological sites. Extreme Loads”, Pollack Periodica, pp 15-26, An International Journal for Engineering and Informational Sciences, 2016, ISSN 1788-1994, DOI: 10.1556/606.2016.11.3.3
 - Apostol I., Mosoarca M., Chieffo N., Onescu E., “Seismic vulnerability scenarios for Timisoara, Romania”, Structural Analysis of Historical Constructions, ed. Springer, RILEM Bookseries, vol. 18, pp. 1191-1200, 2019, ISBN: 978-3-319-99440-6
 - Apostol I., Bradeanu R., Mosoarca M., “Case study of consolidation methods with fiber-based composite materials in Romania”, Key Engineering Materials, Volume 747, pp 414-419, Proceedings of International Conference on Mechanics of Masonry Structures Strengthened with Composites Materials, Bologna, Italy, 2017
 - Mosoarca M., Apostol I., Keller A., Formisano A., “Consolidation methods of Romanian historical building with composite materials”, Key Engineering Materials, Volume 747, pp 406-413, Proceedings of International Conference on Mechanics of Masonry Structures Strengthened with Composites Materials, Bologna, Italy, 2017
 - Apostol I., Keller A., Mosoarca M., “Climate Change Risk Assessment Methodology for Historic Urban Centers”, International Journal of Sustainable Agricultural Management and Informatics, ISSN print: 2054-5819
 - Chieffo N., Apostol I., Keller A., Mosoarca M., Marzo A., “Global behavior of historical masonry structures and timber roof framework”, Proceedings of the 3rd International Conference on protection of historical constructions, Lisabona, Portugalia
 - Apostol I., Mosoarca M., Onescu E., “Seismic vulnerability assessment for historical building as isolate/in aggregate for Timisoara city, Romania”, Journal of Architecture, Urbanism and Heritage, Vol. 2, Politehnica Publishing House, 2018, ISSN: 1224-6024

Citări

- M. Mosoarca, I. Onescu, E. Onescu, B. Azap, N. Chieffo, M. Szitar-Sirbu., “Seismic vulnerability assessment for the historical areas of the Timisoara city, Romania”, *Engineering Failure Analysis* (Impact factor 2.897 on 13.07.2020), Vol. 101, pp. 86-112, 2019, WOS:000464960500007, cited by:
 - S. Garcia-Ayllon, A. Tomas, J. Luis Rodenas, The spatial perspective in post-earthquake evaluation to improve mitigation strategies: Geostatistical analysis of the seismic damage applied to a real case study, APPLIED SCIENCES-BASEL (Impact factor 2.217 on 13.03.2020), volume 9, issue 15, article number 3182, 2019
 - Wang P., Qiao W., Wang Y., Cao S., Zhang Y., Urban drought vulnerability assessment–A framework to integrate socio-economic, physical, and policy index in a vulnerability contribution analysis, Sustainable Cities and Society (Impact factor 4.624 on 13.03.2020), volume 54, article ID: 102004, 2020
 - Kassem M.M., Nazri F.M., Farsangi E.N., The efficiency of an improved seismic vulnerability index under strong ground motions, STRUCTURES (Impact factor 1.646 on 13.03.2020), volume 23, pp 366-382
 - S. Liu, J. Ge, W. Li, & M. Bai, Historic environmental vulnerability evaluation of traditional villages under geological hazards and influencing factors of adaptive capacity: a district-level analysis of Lishui, China, Sustainability (Impact factor 2.592 on 13.03.2020), volume 12, issue 6, article number 2223, 2020
 - Brando G., Pagliaroli A., Cocco G., & Buccio. F., Site effects and damage scenarios: The case study of two historic centers following the 2016 Central Italy earthquake, Engineering Geology (Impact factor 3.909 on 13.03.2020), 2020
 - M.M Kassem, F.M. Nazri, E.N. Farsangi, The seismic vulnerability assessment

- methodologies: A state-of-the-art review, *Ain Shams Engineering Journal* (Impact factor 3.091 on 13.03.2020), 2020
- N. Chieffo, A. Formisano, Induced seismic-site effects on the vulnerability assessment of a historical centre in the Molise region of Italy: analysis method and real behavior calibration based on 2002 earthquake, *Geosciences* (ISI indexed), volume 10, issue 1, article number 21, 2020
 - G. Chiumiento, A. Formisano, Simplified and refined analyses for seismic investigation of historical masonry clusters: Comparison of results and influence of the structural units position, *Front. Built Environ.*, 2019
 - Biglari M., Formisano A., Damage Probability Matrices and Empirical Fragility Curves From Damage Data on Masonry Buildings After Sarpol-e-zahab and Bam Earthquakes of Iran *Front. Built Environ.*, 2020
 - Keller A.I., Parisi M.A., Tsakanika E., Mosoarca M., Influence of historic roof structures on the seismic behaviour of masonry structures, *Proceedings of the Institution of Civil Engineering – Structures and Buildings*, ISSN 0965-0911, 2019
- Apostol I., Mosoarca M., Stoian V., "Modern Consolidation Solutions for Buildings with Historical Value. Part I: Reinforced Concrete Structures, *Proceedings of 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium*, Oradea, Romania, pp 111-116, 2017, WOS: 000413420300019, cited by:
- iMosoarca M., Stoian V., Florea M., Structural balance of historical aggregates, *Structural Analysis of Historical Constructions*, ed. Springer, RILEM Bookseries, vol. 18, pp. 2448-2456, 2019
- Azap B., Apostol I., Mosoarca M., Chieffo N., Formisano A., "Seismic vulnerability scenarios for historical areas of Timisoara", *Proceedings of 17th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium*, Oradea, Romania, pp 149-154, 2019, WOS:000491484600026, cited by:
- Chieffo N., Formisano A., Comparative seismic assessment methods for masonry building aggregates: a case study, *Front. Built Environ.*, 2019
- N. Chieffo, M. Mosoarca, A. Formisano, I. Apostol, "Seismic vulnerability assessment and loss estimation of an urban district of Timisoara", *IOP Conference Series: Materials Science and Engineering*, Vol. 471, Session 9, 2019, WOS:000465811805085, cited by:
- Grillanda N., Valente M., Milani G., Chiozzi A., Tralli A., Advanced numerical strategies for seismic assessment of historical masonry aggregates, *Engineering Structures* (Impact factor 3.084 on 13.03.2020), volume 212, article ID 110441, 2020
 - Brando G., Cocco G., Mazzanti C. et.al., Structural survey and empirical seismic vulnerability assessment of dwellings in the historical centre of Cusco, Peru, *International Journal of Architectural Heritage* (Impact factor 1.440 on 13.03.2020), 2019
 - N. Chieffo, A. Formisano, T.M. Ferreira, Damage scenario-based approach and retrofitting strategies for seismic risk mitigation: an application to the historical Centre of Sant'Antimo (Italy), *European Journal of Environmental and Civil Engineering* (Impact factor 1.873 on 13.03.2020), 2019
 - G. Chiumiento, A. Formisano, Simplified and refined analyses for seismic investigation of historical masonry clusters: Comparison of results and influence of the structural units position, *Front. Built Environ.*, 2019
 - Spacone E., Brando G., Peruch M., Mazzanti C., Sovero S.K., Tarque N., An extensive survey of the historic center of Cusco for its seismic vulnerability assessment: an interdisciplinary approach, *Structural Analysis of historical constructions*, DOI: 10.1007/978-3-319-99441-3_135, 2019
 - Biglari M., Formisano A., Damage Probability Matrices and Empirical Fragility Curves From Damage Data on Masonry Buildings After Sarpol-e-zahab and Bam Earthquakes of Iran *Front. Built Environ.*, 2020
 - H. Taibi, M.A. Youcef, M. Khellafi, Seismic vulnerability assessment using the macroseismic method proposed in the framework of Risk-UE project based on the recommendations of the Algerian seismic code RPA99/Version 2003, *Asian Journal of Civil Engineering*, volume 21, pp 59-66, 2020
 - Chieffo N., Formisano A., Ferreira T.M., Parametric Estimation of Seismic Impact Scenarios and Expected Losses at Urban Scale, 2018
 - Chieffo N., Formisano A., Mosoarca M., The Impact of local hazard effects on the vulnerability assessment of an urban area in Timisoara, *Journal of Architecture, Urbanism and Heritage*, volume 2, 2019
 - Chieffo N., Formisano A., Comparative seismic assessment methods for masonry building aggregates: a case study, *Frontiers in Built Environment*, 2019
 - M.R. Delavar, M. Sadrykia, Assessment of Enhanced Dempster-Shafer Theory for Uncertainty Modeling in a GIS-Based Seismic Vulnerability Assessment Model, Case Study Tabriz

- Onescu I., Mosoarca M., Azap B., Onescu E., "Seismic losses scenario for cultural promenade in Timisoara Capital of Culture 2021, Romania", *IOP Conference Series: Materials Science and Engineering*, Vol. 471, Session 9, 2019, WOS:000465811805056, cited by:
 - N. Chieffo, A. Formisano, Induced seismic-site effects on the vulnerability assessment of a historical centre in the Molise region of Italy: Analysis method and real behavior calibration based on 2002 earthquake, *Geosciences* (ISI indexed), volume 10, issue 1, article number 21, 2020
- Bocan D., Keller A., Bocan C., Apostol I., Mosoarca M., "Potential results of using thermal rehabilitation techniques on a city block of Timisoara and their structural strengthening opportunities", *IOP Conference Series: Materials Science and Engineering*, Vol. 471, Session 9, 2019, WOS:000465811802088, cited by:
 - Bocan D., Bocan C., Keller A.I., Energy efficiency study applied on a monumental building, 4th International Conference on Structure and Architecture (ISI indexed), Lisabona, Portugalia, 2020, in indexation process
- Nariță A., Gurza V., Oprîta R., Keller A., Apostol I., Mosoarca M., Bocan C., "New vulnerabilities of historic urban centers and archeological sites. Extreme Loads", *Pollack Periodica*, pp 15-26, An International Journal for Engineering and Informational Sciences, 2016, ISSN 1788-1994, DOI: 10.1556/606.2016.11.3.3, cited by:
 - Quagliarini E., Lucesoli M., Bernardini G., Rapid tools for assessing building heritage's seismic vulnerability: a preliminary reliability analysis, *Journal of Cultural Heritage* (Impact factor 1.955 on 13.03.2020), volume 39, pp 130-139, 2019
 - Sabareanu E., Assessment and rehabilitation issues concerning existing 70's structural stock, *IOP Conference Series: Materials Science and Engineering* (ISI indexed), Vol. 209, 2017
 - Mosoarca M., Stoian V., Florea M., Niculescu M., Structural balance of historical aggregates, *Structural Analysis of Historical Constructions*, ed. Springer, RILEM bookseries, volume 18, pp 2448-2456, ISSN: 22110844, 2019
- Apostol I., Mosoarca M., Chieffo N., Onescu E., "Seismic vulnerability scenarios for Timisoara, Romania", *Structural Analysis of Historical Constructions*, ed. Springer, RILEM Bookseries, vol. 18, pp. 1191-1200, 2019, ISBN: 978-3-319-99440-6, cited by:
 - Mosoarca M., Keller A.I., Bocan C., Failure analysis of church towers and roof structures due to high wind velocities, *Engineering Failure Analysis* (Impact factor 2.203 on 13.03.2020), Vol. 100, pp. 76-87, 2019
 - N. Chieffo, A. Formisano, Induced seismic-site effects on the vulnerability assessment of a historical centre in the Molise region of Italy: Analysis method and real behavior calibration based on 2002 earthquake, *Geosciences* (ISI indexed), volume 10, issue 1, article number 21, 2020
 - Bocan D., Bocan C., Keller A.I., Possibilities of using fiber reinforced mortar and textile reinforced mortar for strengthening masonry columns in rehabilitation projects, *Structural Analysis of Historical Constructions*, ed. Springer, RILEM Bookseries, vol. 18, pp. 1651-1660, 2019
 - Keller A.I., Parisi M.A., Tsakanika E., Mosoarca M., Influence of historic roof structures on the seismic behaviour of masonry structures, *Proceedings of the Institution of Civil Engineering – Structures and Buildings*, ISSN 0965-0911, 2019
 - Mosoarca M., Stoian V., Florea M., Structural balance of historical aggregates, *Structural Analysis of Historical Constructions*, ed. Springer, RILEM Bookseries, vol. 18, pp. 2448-2456, 2019
 - Chieffo N., Formisano A., Mosoarca M., The impact of local hazard effects on the vulnerability assessment of an urban area in Timisoara, *Journal of Architecture, Urbanism and Heritage*, Vol. 2, Politehnica Publishing House, 2019, ISSN: 1224-6024
- Mosoarca M., Apostol I., Keller A., Formisano A., "Consolidation methods of Romanian historical building with composite materials", *Key Engineering Materials*, Volume 747, pp 406-413, Proceedings of International Conference on Mechanics of Masonry Structures Strengthened with Composites Materials, Bologna, Italy, 2017, cited by:
 - Scacco J., Ghiassi B., Milani G., Lourenco P.B., A fast modeling approach for numerical analysis of unreinforced and FRCM reinforced masonry walls under out-of-plane loading, *Composites Part B: Engineering* (Impact factor 6.864 on 13.03.2020), volume 180, 2020
 - A. Formisano, G. Vaiano, F. Fabbrocino, G. Milani, Seismic vulnerability of Italian masonry churches: The case of the Nativity of Blessed Virgin Mary in Stellata of Bondeno, *Journal of Building Engineering* (Impact factor 2.378 on 13.03.2020), volume 20, pp 179-200, 2018
 - G. Di Lorenzo, A. Formisano, L. Krstevska, R. Landolfo, Ambient vibration test and

numerical investigation on the St. Giuliano church in Poggio Picenze (L'Aquila, Italy), Journal of Civil Structural Health Monitoring (ISI indexed), volume 9, pp 477-490, 2019

- A. Formisano, G. Vaiano, F. Fabbrocino, Seismic and energetic interventions on a typical South Italy residential building: cost analysis and tax detraction, Front. Built Environ., 2019
 - Formisano A., Vaiano G., Fabbrocino F., A seismic-energetic-economic combined procedure for retrofitting residential buildings: A case study in the Province of Avellino (Italy), AIP Conference Proceedings 2116, 2019
 - A. Formisano, G. Milani, Seismic vulnerability analysis and retrofitting of the SS. Rosario church bell tower in Finale Emilia (Modena, Italy), Front. Built Environ., 2019
 - Fabbrocino F., Formisano A., Grande E., Milani G., Bond mechanism of FRPs externally applied to curved masonry structures: experimental outcomes and numerical modeling, Key Engineering Materials, volume 817
 - Mosoarca M., Stoian V., Florea M., Structural balance of historical aggregates, Structural Analysis of Historical Constructions, ed. Springer, RILEM Bookseries, vol. 18, pp. 2448-2456, 2019
- Chieffo N., Apostol I., Keller A., Mosoarca M., Marzo A., "Global behavior of historical masonry structures and timber roof framework", *Proceedings of the 3^d International Conference on protection of historical constructions*, Lisabona, Portugalia, cited by:
- Mosoarca M., Keller A.I., A complex assessment methodology and procedure for historic roof structures, International Journal of Architectural heritage (Impact factor 1.440 on 13.03.2020), Vol. 12, Issue 4, pp. 578-898, 2018

Certificări

H-index:

- 4 in Google Scholar
- 3 in Scopus
- 2 in Web of Science