

LISTA PUBLICAȚILOR REZULTATE ÎN URMA CERCETĂRII DOCTORALE, PUBLICATE SAU ACCEPTATE SPRE PUBLICARE, SUB AFILIERE UPT

Ing. *Mihai FOFIU* student doctorand

1. Lucrări științifice publicate în reviste indexate Web of Science-WoS (ISI)

2. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate Web of Science-WoS (ISI) Proceedings

- ✓ 1. C. Tanasa, **M. Fofiu**, D. Stoian, "Air Tightness Measurements for an Energy Efficient Residential House Using the Blower Door Procedure", 15th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, November 27-28, 2015 pp. 169-174, 2016,
- ✓ 2. **M. Fofiu**, V. Stoian, "Using EBR CFRP strips only on failure cracks to retrofit a reinforced concrete wall panel subjected to seismic actions" 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, March 23-24, 2017 pp. 163-168, *în curs de indexare WoS; conferința anterioare (2016) indexată WOS:000378314000001*
- ✓ 3. A. Bindean, **M. Fofiu**, V. Stoian "Energy Dissipation of retrofitted Precast Reinforced Concrete Walls subjected to seismic loading", 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, March 23-24, 2017 pp. 123-126, *în curs de indexare WoS; conferința anterioare (2016) indexată WOS:000378314000001*
- ✓ 4. C. Todut, D. Dan V. Stoian, **M. Fofiu**, "Cut-out Weakening Investigation on Precast Reinforced Concrete Wall Panels", 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, March Oradea, Romania, 23-24, 2017 pp. 279-284, *în curs de indexare WoS; conferința anterioare (2016) indexată WOS:000378314000001*

3. Lucrări științifice publicate în reviste de specialitate indexate BDI (cu specificarea BDI)

1. **M. Fofiu**, A. Bindean and V. Stoian „Seismic performance of a precast reinforced concrete wall with cut-out opening retrofitted using carbon fibre strips”, Journal of Applied Engineering Sciences, vol. 5(18), pp. 15-22, 2015, (DE GRUYTER)

4. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate BDI (cu specificarea BDI)

1. **M. Fofiu**, A. Bindean and V. Stoian, "Carbon fiber strips retrofitting system for precast reinforced concrete wall panel", Innovative Materials and Engineering Research Periodical Key Engineering Materials, Iasi, Romania, May 2015 vl. 660, pp.208-212. (SCOPUS)
2. A. Bindean, **M. Fofiu**, E. Partene, V Stoian "Structural health monitoring system, development and testing", Innovative Materials and Engineering Research Periodical Key Engineering Materials, Iasi, Romania, May 2015 vl. 660, pp.340-345. (SCOPUS)

5. Lucrări științifice publicate în volumele unor manifestări științifice internaționale (Proceedings) din străinătate

1. **M. Fofiu**, V. Stoian, I. Demeter „Retrofitting of precast reinforced concrete walls with cut-out opening using mixed NSM-EBR FRP techniques”, International Conference on EARTHQUAKE Engineering, Skopje, Macedonia, 29-31 May 2013, pp.852-858
2. C. Todut, V. Stoian, I. Demeter, **M. Fofiu** "Seismic strengthening of a precast reinforced concrete wall panel using textile reinforced mortar", International Conference on EARTHQUAKE Engineering, Skopje, Macedonia, 29-31 May 2013 pp.1056-1062
3. **M. Fofiu**, V Stoian, C. Todut , „Influence on the bearing capacity of a large door and window cut-out opening in precast reinforced concrete wall panel”, 4th European Conference of Civil Engineering, Antalya, Turkey, 8-10 October 2013 pp. 111-115
4. I. A. Bindean, E. Partene, **M. Fofiu**, V. Stoian, "Determination of remaining bearing capacity for damaged masonry arch ceilings of historical buildings using 3d scanning and fem analysis software", 2nd International Conference on Protection of Historical Constructions, Antalya, Turkey, 7-9 May, 2014
5. V. Stoian, N. Taranu, **M. Fofiu**, "Romanian reserach actovoty in the field of frp rehabilitation of structures affected by the earthquake", Earthquake Engineering and Engineering Seismology, Borsko Jezero, Serbia, 19-21 May 2014, pp. 15-34

6. **M. Fofiu**, I.A. Bindean, E. Partene, V. Stoian, "Retrofitting of precast reinforced concrete wall panel using carbon fiber strips", Advances in Engineering Mechanics and Materials, Santorini, Greece, July 17-21, 2014 pp. 93-97.

7. E. Partene, I.A. Bindean, **M. Fofiu**, V. Stoian, "Cyclic in-plane testing for evaluation of shear capacity for ceramic block walls", Advances in Engineering Mechanics and Materials, Santorini, Greece, July 17-21, 2014 pp. 247-251, July 2014

6. Lucrări științifice publicate în volumele unor manifestări științifice

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