



Moldovan Flaviu

Lista de lucrări

1. Articole publicate în extenso

• Articole în reviste cotate ISI, cu factor de impact

- [1.1] Moldovan L., Gligor A., Grif H.-S., **Moldovan F.** *Dynamic Numerical Simulation of the 6-PKG Parallel Robot Manipulator*. Proceedings of The Romanian Academy, Series A. 2019, 20(1): 67–75, ISSN : 1454-9069, FI 1,752.

• Articole în reviste cotate ISI, fără factor de impact

Autor principal

- [1.2] **Moldovan F.**, Bătagă T. *Torque Control during Bone Insertion of Cortical Screws*. Elsevier - Procedia Manufacturing 2020, 46: 484–490, DOI: 10.1016/j.promfg.2020.03.070.
- [1.3] **Moldovan F.** *Recent trends in bioprinting*. Elsevier - Procedia Manufacturing, 2019, 32: 95-101, ISSN: 2351-9789, DOI 10.1016/j.promfg.2019.02.188.
- [1.4] **Moldovan F.** *New Approaches and Trends in Health Care*. Elsevier – Procedia Manufacturing 2018, 22: 947-951, ISSN: 2351-9789, DOI 10.1016/j.promfg.2018.03.135.

Co-autor

- [1.5] Ciobanu I., Stanculescu Badea D.I Iliescu A., Magdalena Popescu A., Seiciu P.S., Mikolajczyk T., **Moldovan F.**, Berteanu M.. *The Usability Pilot Study of a Mechatronic System for Gait Rehabilitation*. Elsevier – Procedia Manufacturing, 2018, 22: 864-871, ISSN: 2351-9789, DOI 10.1016/j.promfg.2018.03.122.
- [1.6] Mikolajczyk T., Moldovan L., Chalupczak A., **Moldovan F.** *Computer Aided Learning Process*. Elsevier - Procedia Engineering 2017, 181: 1028–1035, ISSN: 1877-7058, DOI: 10.1016/j.proeng.2017.02.503.
- [1.7] Mikolajczyk T., **Moldovan F.**, Ciobanu I., Chalupczak A., Georgiana Marin A.. *Brain Research Using Computer Test*. Elsevier - Procedia Technology 2016: 22: 1113-1120, ISSN: 2212-0173, DOI: 10.1016/j.protcy.2016.01.157.

• Articole în reviste indexate BDI

- [1.8] **Moldovan F.** Bătagă T. *A Study of Heat Generation in Orthopaedic Bone Drilling Process*. Acta Marisiensis. Seria Medica 2020, 66(2): 61-65, ISSN: 2668-7755 Online ISSN: 2668-7763, ISSN-L: 2668-7755, DOI: 10.2478/amma-2020-0009.
- [1.9] **Moldovan F.** *Managementul bioimprimării în aplicațiile medicale*. Review of Management and Economic Engineering / Revista de Management și Inginerie Economică 2018, 17(4): 773-774, ISSN (print) 1583-624X, ISSN (online) 2360-2155.

- [1.10] **Moldovan F.** *Aplicarea principiilor Lean în asistența medicală*. Review of Management and Economic Engineering / Revista de Management și Inginerie Economică 2017, 16(3): 569-570, ISSN (print) 1583-624X, ISSN (online) 2360-2155.

2. Articole publicate în rezumat

- [2.1] **Moldovan F.**, coordonator Prof.univ.dr. Tiberiu Bătagă. *Use of a virtual 3D software for planning of tibial plateau fracture reconstruction and personalization of the surgical treatment*. International Congress for Students, Young Physicians and Pharmacists Marisiensis, 24th editon, 25th 29th March 2020. Acta Medica Marisiensis 2020, 66(3):41, ISSN: 2668-7755, Online ISSN: 2668-7763, ISSN-L: 2668-7755.
- [2.2] **Moldovan F.**, coordonator Prof.univ.dr. Tiberiu Bătagă. *Optimal Fixation of Cortical Screws in Bone Fracture Repair*. International Congress for Students, Young Physicians and Pharmacists Marisiensis, 23rd editon, 27th March - 31st March 2019. Acta Medica Marisiensis 2019, 65(1): 80, ISSN: 2668-7755, Online ISSN: 2668-7763, ISSN-L: 2668-7755.
- [2.3] **Moldovan F.**, coordonator Prof. univ.dr. Tiberiu Bătagă (2019). *Optimization of Surgical Bone Drilling Processes in Repairing Complete Bone Fractures*. International Congress for Students, Young Physicians and Pharmacists Marisiensis, 23rd editon, 27th March - 31st March 2019. Acta Medica Marisiensis 2019, 65(1): 30, ISSN: 2668-7755, Online ISSN: 2668-7763, ISSN-L: 2668-7755.
- [2.4] **Moldovan F.**, Tudor Fleșeriu, Jerca Astrid, Georgiana Rad, coordonator Prof.univ.dr. Simona Bătagă (2018). *Incidence and Features of Sessile Serrated Polyps Diagnosed on NBI Colonoscopy*. International Scientific Congress for Students, Young Physicians and Pharmacists Marisiensis, 28th March – 01st April 2018, Tîrgu Mureș, Romania. Acta Medica Marisiensis 2018, 64(1): 24-25, ISSN: 2668-7755, Online ISSN: 2668-7763, ISSN-L: 2668-7755.
- [2.5] **Moldovan F.**, C. Wang, Y. Xiao. *Contribution of traditional Chinese medicine onto population health and personalized medicine*. First International Conference on Innovations in Population Health and Personalized Medicine, 12-13 December 2018, Tîrgu Mureș, Romania. Revista Română de Medicină de Laborator (Romanian Journal of Laboratory Medicine 2018, 26(4): S31, ISSN 1841-6624, ISSN online 2284-5623.
- [2.6] Rad G.D., Jerca A., Miclea R., **Moldovan F.**, Onuțiu R.E., coordonator Prof.univ.dr. Theodora Benedek. *Left ventricular ruptured pseudoaneurysm - Complication of acute myocardial infarction – Case report* . International Scientific Congress for Students, Young Physicians and Pharmacists Marisiensis, 28th March – 01st April 2018, Târgu Mureș, Romania. Acta Medica Marisiensis 2018, 64(1): 142, Online ISSN: 2668-7763, ISSN-L: 2668-7755.
- [2.7] Jerca A., Fleseriu T., Cazan D.A., **Moldovan F.**, coordonator Prof.univ.dr. Theodora Benedek. *A case of left ventricle noncompaction – Case report*. International Scientific Congress for Students, Young Physicians and Pharmacists Marisiensis, 28th March – 01st April 2018, Tîrgu Mureș, Romania. Acta Medica Marisiensis 2018, 64(1): 141, , Online ISSN: 2668-7763, ISSN-L: 2668-7755.
- [2.8] Fleseriu T., Jerca A., **Moldovan F.**, Rad G.D., Luca L., coordonator Prof.univ.dr. Alexandru Rafila.



- The Etiology and the Patterns of Resistance to Antibiotics of Bacteria Isolated from Urinary Tract Infections.* International Scientific Congress for Students, Young Physicians and Pharmacists Marisiensis, 28th March – 01st April 2018, Târgu Mureș, Romania. Acta Medica Marisiensis 2018, 64(1): 13, , Online ISSN: 2668-7763, ISSN-L: 2668-7755.
- [2.9] Popovici B.E., Moldovan L., **Moldovan F.**, Mitrică M. *Sindromul metabolic – un concept rezervat doar vârstei adulte? / Metabolic syndrome – a concept only in adulthood? –* Congresul Național al Societății Române de diabet, Nutriție și Boli Metabolice. Poiana Brașov 23-26 mai 2018. Acta Diabetologica Română 2018, 44: 174-175.
- [2.10] Popovici B.E., Mitrica M., **Moldovan F.**, Petrescu L.. Vitamin D - do we know enough?. Eur J Pediatr. 2017, 176:1492.
- [2.11] **Moldovan F.**, Rus V., coordonator Conf.univ.dr. Monica Tarcea. *The Physical Development Profile of Pupils from Tîrgu-Mureș.* International Scientific Congress for Students, Young Physicians and Pharmacists Marisiensis, 29th March – 02nd April 2017, Târgu Mureș, Romania, Acta Medica Marisiensis 2017, 63(1): 6, ISSN: 2668-7755, Online ISSN: 2668-7763, ISSN-L: 2668-7755.

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