

## Lista lucrari, brevete si contracte

### Marin Mihnea

#### 1. Activitatea științifică a conducătorului de doctorat în ultimii 5 ani (2016-2020)

##### 1.1. Articole indexate WOS/ISI/ERIH cu factor de impact\*

Nr. crt.	Nume autori	Titlul	Denumire Jurnal	FI	Link-ul
1.	Neamtu Marius Cristian, Neamtu Oana Maria, Rusu Mihai Robert, <b>Marin Mihnea</b> Ion, Rusu Ligia	Functional muscle balance assessment in multiple sclerosis	Journal of back and musculoskeletal rehabilitation, Volume: 33 Issue: 4, 2020 DOI: 10.3233/BMR-191518	0.821	<a href="https://apps- webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=2">https://apps- webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=2</a>
2.	Neamtu, MC , Neamtu, OM ,Bieru, DE, <b>Marin, MI</b> Rusu, MR, Tudorache, S, Braila, AD, Poiana, C,Rusu, L	Morphofunctional changes in distribution of pressure center in multiple sclerosis	ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 59 Issue: 1, Pages: 219-226, 2018	0.912	<a href="https://apps- webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=8&amp;ca cheurlFromRightClick=no">https://apps- webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=8&amp;ca cheurlFromRightClick=no</a>
3.	Neamtu, MC, Neamtu, OM, <b>Marin, MI</b> , Rusu, L	Morphofunctional muscle changes influence on foot stability in multiple sclerosis during gait prediction: The rehabilitation potential	JOURNAL OF BACK AND MUSCULOSKELETAL REHABILITATION, Volume: 31 Issue: 3, Pages: 469-474, 2018	0.982	<a href="https://apps- webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=9&amp;ca cheurlFromRightClick=no">https://apps- webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=9&amp;ca cheurlFromRightClick=no</a>
4.	Neamtu, MC.,Neamtu, OM, <b>Marin, MI</b> ., Bieru, DE, Rusu, L	Prediction of motor disorders in multiple sclerosis using muscle change structure assessment	ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 57 Issue: 4, Pages: 1331-1335, 2016	0.912	<a href="https://apps- webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=10&amp;ca cheurlFromRightClick=no">https://apps- webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=10&amp;ca cheurlFromRightClick=no</a>
5.	Rusu, L, <b>Marin, M</b> , Cosma, G., Bieru, DE., Copilusi, CP., Vasilescu, Marin M.	Correlation between neuromuscular assessment and evoked potential in the prediction of the multiple sclerosis evolution	INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, Volume: 9, Issue: 9, Pages: 17245-17257, 2016	1.069	<a href="https://apps- webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=2&amp;doc=11&amp;ca cheurlFromRightClick=no">https://apps- webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=2&amp;doc=11&amp;ca cheurlFromRightClick=no</a>

##### 1.2. Articole științifice publicate în volumele unor conferințe WOS/ISI/ERIH

Nr. crt.	Nume autori	Titlul	Denumire Jurnal	Link-ul
1	Enescu-Bieru Denisa, Calina Mirela-Lucia, <b>Marin Mihnea</b> , Nilufer Cetisli Korkmaz.	Identifying the muscle contraction activity at athletes using brain mapping.	Brain (Broad Research in Artificial Intelligence and Neuroscience), DOI: 10.18662/brain, Volume:11, 2020	
2	Grigorie, LD, Dima, DS, Romanescu, AE, <b>Marin, M</b>	Reconstruction of Rollover Collision Using PC Crash 11.1 and 3D Scanner	30TH SIAR INTERNATIONAL CONGRESS OF AUTOMOTIVE AND TRANSPORT ENGINEERING: SCIENCE AND MANAGEMENT OF AUTOMOTIVE AND TRANSPORTATION ENGINEERING Edited by:Dumitru, I; Racila, L; Covaciu, D; Rosca, A, 2020	<a href="https://apps-whoofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=3&amp;cacheurlFromRightClick=no">https://apps-whoofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=3&amp;cacheurlFromRightClick=no</a>
3	Popescu D., Copilusi CP.,Roibu H., <b>Marin MI.</b> , Rusu L., Popescu LC.	Upper Limb Motions Analysis for Development of an Upper Limb Rehabilitation Robotic System	WORLD CONGRESS ON MEDICAL PHYSICS AND BIOMEDICAL ENGINEERING, Edited by:Lhotska, L; Sukupova, L; Lackovic, I; Ibbott, GS , Book Series: IFMBE Proceedings, Volume: 68 Issue: 2, 2019 DOI: 10.1007/978-981-10-9038-7_147 <a href="https://link.springer.com/chapter/10.1007/978-981-10-9038-7_147">https://link.springer.com/chapter/10.1007/978-981-10-9038-7_147</a>	<a href="https://apps-whoofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=5&amp;cacheurlFromRightClick=no">https://apps-whoofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=5&amp;cacheurlFromRightClick=no</a>
4	Popescu D., Roibu H., Copilusi CP., Rusu L., Avramescu TE., Zavaleanu M., Popescu LC., <b>Marin M.</b>	Functional Testing Procedures and Results for a Rehabilitation Robotic System	INTERNATIONAL CONFERENCE AND EXPOSITION ON ELECTRICAL AND POWER ENGINEERING (EPE), Edited by:Gavrilas, M; Fosala, C; Haba, CG; Neagu, BC , Book Series: International Conference and Exposition on Electrical and Power Engineering, 2018	<a href="https://apps-whoofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=7&amp;cacheurlFromRightClick=no">https://apps-whoofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D2zKmqbZNk6fefK214Y&amp;page=1&amp;doc=7&amp;cacheurlFromRightClick=no</a>

### 1.3. Articole științifice publicate în alte Baze de Date Internaționale (Scopus)

Nr. crt.	Nume autori	Titlul	Denumire conferinta	Volum (Numar)	Anul aparitiei
1.	<b>M.Marin</b> , C. Vaduva, M.R. Rusu, L. Rusu	Experimental determination of the coefficient of restitution	IOP Conference Series: Materials Science and Engineering. International Conference on Innovative Research - ICIR EUROINVENT Iasi, Romania, doi:10.1088/1757-899X/572/1/012103	Volume 572, 2019	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/572/1/012103">https://iopscience.iop.org/article/10.1088/1757-899X/572/1/012103</a>
2.	Ion, B.N., Jenica, C., Aurel, C., Daniela, B.I., <b>Marin, M.</b>	Using 3d scanning technology for digitization of historical buildings	2018 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM	Volume 18, Issue 2.3, Pages 257-264, 2019	
3.	Popescu, D., Copilusi, C.P., Roibu, H., Rusu L., <b>Marin M.</b>	Human upper limb motions video analysis used for rehabilitation robotics	Lecture Notes in Electrical Engineering	Volume 489, Pages 264-273, 2019	<a href="https://link.springer.com/chapter/10.1007/978-3-319-75605-9_37">https://link.springer.com/chapter/10.1007/978-3-319-75605-9_37</a>
4.	Popescu, D., Copilusi, C.P., Roibu, H., <b>Marin M.</b> , Rusu L., Popescu L.	Upper limb motions analysis for development of an upper limb rehabilitation robotic system	2018 IFMBE Proceedings	Volume 68, Issue 2, Pages 797-802, 2018	<a href="https://link.springer.com/chapter/10.1007/978-981-10-9038-7_147">https://link.springer.com/chapter/10.1007/978-981-10-9038-7_147</a>

## 2. Brevete, produse, tehnologii, granturi de cercetare, în ultimii 5 ani (2016-2020)

Brevet nr. 130150/2018, eliberat de OSIM. **Orteza dinamica activa**

Autori: Stanimir A., Rusu L., Marin M., Stanimir O.

Anul aparitiei: 2018

## 3. Atragere resurse financiare prin granturi/proiecte/contracte terți, în ultimii 5 ani (2016-2020)

Nr crt	Tip participare	Titlul grantului/contractului cu terti	Perioada de derulare	Suma ce revine institutiei echivalenta in mii de euro
1	Membru în echipă la grant	Recuperarea activa si pasiva a membrului superior PN-III-P2-2.1-BG-2016- 0139. valoare totală: 398130 lei./4.5	<a href="http://robotics.ucv.ro/rapmes/Rezultate">http://robotics.ucv.ro/rapmes/Rezultate</a> 2016-2017	88,500
2	Membru în echipă la grant	ERASMUS+ TAKE HEART: Physical activity in patients with CHD: a collaborative partnership to identify and share good practices among European countries (2015-2017) Cod: ERA-COPART G.A.2014-3140/002-001	2015-2017	46,000