

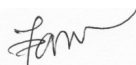
# LISTA DE LUCRĂRI ȘTIINȚIFICE

Conf.dr.ing. Cristina Ileana PASCU

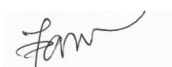
## 1. Lucrări publicate după ultima promovare: 2007-2021

### 1.1. Articole în reviste cotate ISI Thomson Reuters și în volume indexate ISI Proceedings

1. **Cristina Ileana Pascu**, Ștefan Gheorghe, Andrei Rotaru, Claudiu Nicolicescu, Nicoleta Cioateră, Adrian Sorin Roșca, Petre Rotaru, *Ti-based composite materials with enhanced thermal and mechanical properties*, *Ceramics International*, ISSN 0272-8842, Vol. 46, Issue 18, Part B, Pages 29358-29372, 2020, *ISI Impact Factor* = 4,527, WOS:000582504100002, DOI: 10.1016/j.ceramint.2020.08.207  
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2. **Cristina Ileana Pascu**, O. Gingu, P. Rotaru, I. Vida-Simiti, N. Lupu, *Bulk titanium for structural applications obtaining by spark plasma sintering (SPS) from titanium hydride powder*, *Journal of Thermal Analysis and Calorimetry*, vol.110, Issue 2, 2013, pg. 849-857, ISSN 1388-6150, *ISI Impact factor*: 2,21 (2013), ) WOS:000321784900054 DOI: 10.1007/s10973-012-2824-2  
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3. **Cristina Ileana Pascu**; Simniceanu, L and Dumitru, I, *Research About the Implementation of The Statistical Process Control with Application to the Automotive Steering Knuckle*, *Romanian Journal of Automotive Engineering*, ISSN 1842–4074, vol.27, nr.2, pag. 73-81, 2021, *ISI Journal*, WOS:000660969100008  
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11. Ilie Dumitru, Marian Valentin Zorilă, Răzvan Țolescu, Laurențiu Racilă, **Cristina Ileana Pascu**, Alexandru Constantin Oprica, Daniela Vasilica Burghilă, Lucian Matei, Elena Janina Vilcea, Cristina Popescu, Oana Badea-Voiculescu, Laurențiu Mogoantă *Experimental model for the study of traumatic brain injury*, Romanian Journal of Morphology & Embryology, ISSN 2066-8279, vol.61(3), pages. 729-737, 2020, ISI Impact Factor = 1,033, WOS:000636791500011  
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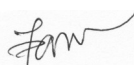
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2. **Cristina Ileana Pascu**, Gheorghe St., Dumitru I., Nisipasu M., *Implementation of Total Productive Maintenance Principles for Quality Improvement in an Automotive Company*, Applied Mechanics and Materials, vol. 880, pp 171-176, 2018, Trans Tech Publications, Switzerland, <https://www.scientific.net/AMM.880.171> 6 citări ISI și BDI
3. **Cristina Ileana Pascu**, Gheorghe St., Dumitru I., Nisipasu M., Ciocoi-Troaca D., *Aspects about Implementation of Lean Manufacturing Principles for Quality Improvement in a Production System for Automotive Industry*, Applied Mechanics and Materials, vol. 823, pp 283-288, 2016, Trans Tech Publications, Switzerland, [www.scientific.net/AMM.823.283](http://www.scientific.net/AMM.823.283) 5 citări ISI și BDI.
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6. **Cristina Ileana Pascu**, Iulian Popescu, Gheorghe St., Geonea I., Didu A., *Research about the quality of the surface after turning out of duralumin alloy*, IOP Conference Series: Materials Science and Engineering, pag.356-361, ISBN: 1757899X 17578981, 2019, Scopus , EID: 2-s2.0-85073420101, <https://iopscience.iop.org/article/10.1088/1757-899X/568/1/012043/meta>, doi:10.1088/1757-899X/568/1/012043 <https://orcid.org/0000-0001-7018-8860>
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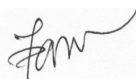
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10. Stefan Gheorghe, **Cristina Ileana Pascu**, Claudiu Nicolicescu, *Titanium-Based Sintered Alloy with Improved Wear Resistance*, Applied Mechanics and Materials, Vol. 896, pg. 270-276, 2020, TransTech Publications, <https://doi.org/10.4028/www.scientific.net/AMM.896.270>
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13. **Cristina Ileana Pascu**, Gheorghe St., Popa Ov., *Aspects about the Quality Control at First Article Inspection (FAI) for Parts Obtained by Materials Composites Used in the Railway Sector*, Advanced Engineering Forum, ISSN 2234-991X, pag. 262-267, 2018, Trans Tech Publications, Switzerland, <https://www.scientific.net/AEF.27.262>
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15. **Cristina Ileana Pascu**, Popescu I., *Research about Surface Quality of Polytetrafluoroethylene (Teflon) after Inner Turning*, Applied Mechanics and Materials Vols. 809-810, pag. 213-219, Trans Tech Publications, Switzerland, 2015, [www.scientific.net/AMM.809-810.213](http://www.scientific.net/AMM.809-810.213)
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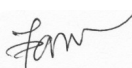
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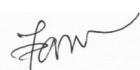
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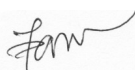
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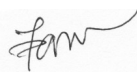
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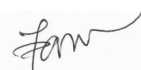
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