

Domeniul de doctorat: Ingineria Materialelor

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Lista publicațiilor realizate în timpul studiilor doctorale

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2. Moldovan, E.R.; Concheso Doria, C.; Ocaña Moreno, J.L.; Baltes, L.S.; Stanciu, E.M.; Croitoru, C.; Pascu, A.; Țierean, M.H. Geometry Characterization of AISI 430 Stainless Steel Microstructuring Using Laser. *Archives of Metallurgy and Materials* 2022, 67, 645–652. ISSN 1733-3490, jurnal indexat ISI cu Factor de impact 0,633. SRI 0,360.
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3. Moldovan, E.R.; Concheso Doria, C.; Ocaña, J.L.; Baltes, L.S.; Stanciu, E.M.; Croitoru, C.; Pascu, A.; Roata, I.C.; Țierean, M.H. Wettability and Surface Roughness Analysis of Laser Surface Texturing of AISI 430 Stainless Steel. *Materials* 2022, 15, 2955. ISSN 0884-2914, jurnal indexat ISI cu Factor de impact 3,748. SRI 0,936.
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4. Moldovan, E.R.; Concheso Doria, C.; Ocaña, J.L.; Istrate, B.; Cimpoesu, N.; Baltes, L.S.; Stanciu, E.M.; Croitoru, C.; Pascu, A.; Munteanu, C.; Țierean, M.H. Morphological Analysis of Laser Surface Texturing Effect on AISI 430 Stainless Steel. *Materials* 2022, 15, 4580. ISSN 1996-1944, jurnal indexat ISI cu Factor de impact 3,748. SRI 1,410.
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5. Croitoru C.; Roata I.C.; **Moldovan E.R.**; Luca M.A. Modelling the Tensile Properties of HDPE Composite Materials with Poly (vinyl acetate) Coated Calcium Carbonate Filler. *Recent J.* 67:050-054.
<https://doi.org/10.31926/RECENT.2022.67.050>
6. E. M. Stanciu, A. Pascu, I. C. Roată, C. Iatan, E. R. **Moldovan**, M. H. Țierean, Millisecond pulsed laser welding of AISI 316 stainless steel, IOP Conference Series:Materials Science and Engineering, Vol. 1251, 2022, 012012.
<https://iopscience.iop.org/article/10.1088/1757899X/1251/1/012012>

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Semnătura,

