

Michael A Petrov

List of Publications by Year in descending order

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15
papers

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2258059

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Research into water-based colloidal-graphite lubricants for forging of carbon steels and Ni-based alloys. International Journal of Material Forming, 2010, 3, 311-314. | 2.0 | 9 |
| 2 | Research on Friction during Hot Deformation of Al-Alloys at High Strain Rate. International Journal of Material Forming, 2008, 1, 1255-1258. | 2.0 | 6 |
| 3 | Numerical and Experimental Investigation of Deep Drawing of Sandwich Panels. Key Engineering Materials, 2014, 611-612, 1627-1636. | 0.4 | 6 |
| 4 | Numerical Investigation of the Hot Isothermal Process and Force Size-Effect of a Clutch-Half Forming. Key Engineering Materials, 2014, 611-612, 1608-1616. | 0.4 | 4 |
| 5 | Research into the Flow Stress of Al-Mg-Si Alloy (AD-35) during the Abrupt Change of the Strain Rate at Elevated Temperatures. Key Engineering Materials, 0, 554-557, 1099-1104. | 0.4 | 3 |
| 6 | To the Question on the Friction Assessment Methods Applied for Metal Forming Operations. Key Engineering Materials, 2015, 651-653, 522-529. | 0.4 | 3 |
| 7 | Experimental Investigations on the Relation of the Lubricant's Flash Point and Quality of the Piston Made from Aluminium Alloy for its Application in Internal Combustion Engines. Key Engineering Materials, 0, 651-653, 297-304. | 0.4 | 2 |
| 8 | Research into material behaviour of the polymeric samples obtained after 3D-printing and subjected to compression test. AIP Conference Proceedings, 2016, , . | 0.4 | 2 |
| 9 | To the Influence of the Deformation Speed on Hardening Process during the Cold Sheet Forming. Solid State Phenomena, 0, 284, 513-518. | 0.3 | 2 |
| 10 | Theoretical Investigation of the Bending Process of the Pre-Strained Metal Sheet. Solid State Phenomena, 0, 299, 351-357. | 0.3 | 2 |
| 11 | Research into Oil-based Colloidal-Graphite Lubricants for Forging of Al-based Alloys. , 2011, , . | | 1 |
| 12 | Experimental and numerical research on forging with torsion. AIP Conference Proceedings, 2017, , . | 0.4 | 1 |
| 13 | Numerical Investigation of the Plain-Strain Compression of a Spherical Shell. Key Engineering Materials, 2014, 611-612, 1617-1626. | 0.4 | 0 |
| 14 | Research into oil-based high-dispersion graphite lubricants for extrusion of Ni-based alloys. AIP Conference Proceedings, 2016, , . | 0.4 | 0 |
| 15 | Numerical Investigation of the Material Behaviour during Compression Tests for Samples with Rough Surfaces Represented in Different Geometry Scale Factors. Key Engineering Materials, 2016, 716, 736-752. | 0.4 | 0 |