

MichaÅ, Kursa

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

144
citations

1307594

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1474206

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g-index

11
all docs

11
docs citations

11
times ranked

163
citing authors

#	ARTICLE	IF	CITATIONS
1	Micromechanical and numerical analysis of packing and size effects in elastic particulate composites. Composites Part B: Engineering, 2017, 124, 158-174.	12.0	27
2	The energy criterion for deformation banding in ductile single crystals. Journal of the Mechanics and Physics of Solids, 2013, 61, 1854-1875.	4.8	23
3	Multi-objective optimization of thermo-mechanical properties of metal-ceramic composites. Composites Part B: Engineering, 2014, 60, 586-596.	12.0	20
4	Elastic-plastic properties of metal matrix composites: Validation of mean-field approaches. European Journal of Mechanics, A/Solids, 2018, 68, 53-66.	3.7	20
5	Packing and size effects in elastic-plastic particulate composites: Micromechanical modelling and numerical verification. International Journal of Engineering Science, 2020, 151, 103271.	5.0	15
6	Incremental work minimization algorithm for rate-independent plasticity of single crystals. International Journal for Numerical Methods in Engineering, 2015, 104, 157-184.	2.8	12
7	Modular-robotic structures for scalable collective actuation. Robotica, 2017, 35, 787-808.	1.9	8
8	Damage evolution in AA2124/SiC metal matrix composites under tension with consecutive unloadings. Archives of Civil and Mechanical Engineering, 2020, 20, 1.	3.8	8
9	A class of microstructures for scalable collective actuation of Programmable Matter. , 2014, , .		6
10	Sandwich plates of minimal compliance. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 4866-4881.	6.6	3
11	Efficient modular-robotic structures to increase the force-to-weight ratio of scalable collective actuators. , 2015, , .		2