

S Amir H Motaman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1530912/publications.pdf>

Version: 2024-02-01

6
papers

146
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropic polycrystal plasticity due to microstructural heterogeneity: A multi-scale experimental and numerical study on additively manufactured metallic materials. <i>Acta Materialia</i> , 2020, 185, 340-369.	7.9	64
2	Optimal Design for Metal Additive Manufacturing: An Integrated Computational Materials Engineering (ICME) Approach. <i>Jom</i> , 2020, 72, 1092-1104.	1.9	32
3	Microstructural constitutive model for polycrystal viscoplasticity in cold and warm regimes based on continuum dislocation dynamics. <i>Journal of the Mechanics and Physics of Solids</i> , 2019, 122, 205-243.	4.8	19
4	The microstructural effects on the mechanical response of polycrystals: A comparative experimental-numerical study on conventionally and additively manufactured metallic materials. <i>International Journal of Plasticity</i> , 2021, 140, 102941.	8.8	18
5	Thermo-micro-mechanical simulation of metal forming processes. <i>International Journal of Solids and Structures</i> , 2019, 178-179, 59-80.	2.7	9
6	Experimental and numerical investigation of dual phase steels formability during laser-assisted hole-flanging. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	4