

Wenshan Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1865202/publications.pdf>

Version: 2024-02-01

10
papers

101
citations

1684188

5
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Stabilizing mechanism of single-atom catalysts on a defective carbon surface. Npj Computational Materials, 2020, 6, .	8.7	38
2	Revisiting the structures and energies of silicon $\sim 110^\circ$ symmetric tilt grain boundaries. Journal of Materials Research, 2019, 34, 1021-1033.	2.6	20
3	Chemo-mechanical coupling effect in the high-temperature oxidation of metal materials: A review. Science China Technological Sciences, 2019, 62, 1246-1254.	4.0	12
4	Edge dislocations interacting with a $\{111\}$ symmetrical grain boundary in copper upon mixed loading: A quasicontinuum method study. Computational Materials Science, 2017, 137, 162-170.	3.0	11
5	Porosity Effects on Mechanical Properties of 3D Random Fibrous Materials at Elevated Temperatures. Acta Mechanica Solida Sinica, 2020, 33, 14-30.	1.9	6
6	Chemomechanical analysis for interfacial reactions between TiAl alloy and glass-ceramic coating in micro/nano scale. Journal of the American Ceramic Society, 2018, 101, 5675-5683.	3.8	5
7	High-temperature short-range compressive responses and contact effect of ultrahigh porosity 3D random fibrous materials. Journal of the American Ceramic Society, 2018, 101, 4509-4518.	3.8	5
8	Ground Motion Frequency Insensitivity of Bearing-Supported Pedestrian Bridge with Viscous Dampers. KSCE Journal of Civil Engineering, 2021, 25, 2662-2673.	1.9	3
9	Structures and energies of $\{113\}$ asymmetric tilt grain boundaries in silicon. Journal of Materials Research, 2021, 36, 2025-2036.	2.6	1
10	Temperature Dependence of the Fracture Toughness J_C of Random Fibrous Material. Applied Sciences (Switzerland), 2020, 10, 941.	2.5	0