

Hu Luo

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

257
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of robust superhydrophobic Ni@SiO ₂ composite coatings on aluminum alloy surfaces. <i>Vacuum</i> , 2020, 181, 109674.	3.5	31
2	Fabrication of durable superhydrophobic Mg alloy surface with water-repellent, temperature-resistant, and self-cleaning properties. <i>Vacuum</i> , 2020, 173, 109172.	3.5	32
3	Fabrication of slippery Zn surface with improved water-impellent, condensation and anti-icing properties. <i>Applied Surface Science</i> , 2019, 470, 1139-1147.	6.1	36
4	Robust platform for water harvesting and directional transport. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5635-5643.	10.3	71
5	An atomic-scale and high efficiency finishing method of zirconia ceramics by using magnetorheological finishing. <i>Applied Surface Science</i> , 2018, 444, 569-577.	6.1	39
6	Post-processor development for a turning and milling composite machine tool. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 95, 131-141.	3.0	9
7	Study of superhydrophobic surface in self-cleaning of magnetorheological fluid. <i>Journal of Materials Science</i> , 2018, 53, 1769-1780.	3.7	11
8	The Study of Variational Feed Rate in 4-Axis Machining of Blades. <i>International Journal of Precision Engineering and Manufacturing</i> , 2018, 19, 1419-1428.	2.2	4
9	Development of a postprocessor for head tilting-head rotation type five-axis machine tool with double limit rotation axis. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 97, 3523-3534.	3.0	7
10	Flexible cold plasma jet with controllable length and temperature for hydrophilic modification. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	7
11	Optimized pre-thinning procedures of ion-beam thinning for TEM sample preparation by magnetorheological polishing. <i>Ultramicroscopy</i> , 2017, 181, 165-172.	1.9	10