

Haiyun Jin

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

125
citations

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h-index

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g-index

16
ext. papers

161
ext. citations

3
avg. IF

2.3
L-index

#	Paper	IF	Citations
14	Dynamic behavior of water droplets and flashover characteristics on a superhydrophobic silicone rubber surface. <i>Applied Physics Letters</i> , 2017 , 110, 201602	3.4	20
13	Flashover characteristics of discrete water droplets on the surface of super-hydrophobic silicone rubber. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2014 , 21, 1718-1725	2.3	15
12	Synthesis of β -SiAlON/h-BN nanocomposite by a precursor infiltration and pyrolysis (PIP) route. <i>Materials Letters</i> , 2015 , 139, 303-306	3.3	12
11	Effect of pores on crack propagation behavior for porous Si ₃ N ₄ ceramics. <i>Ceramics International</i> , 2016 , 42, 5642-5649	5.1	11
10	The influence of the sand-dust environment on air-gap breakdown discharge characteristics of the plate-to-plate electrode. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010 , 53, 458-464	3.6	11
9	The investigation of the wetting behavior on the red rose petal. <i>Applied Physics Letters</i> , 2016 , 108, 1516054	3.4	11
8	Effects of FeMo alloy on nitridation and mechanical properties of reaction bonded β -SiAlON/FeMo ceramic composites. <i>Journal of Alloys and Compounds</i> , 2014 , 616, 639-645	5.7	10
7	Effect of superhydrophobicity on flashover characteristics of silicone rubber under wet conditions. <i>AIP Advances</i> , 2018 , 8, 015313	1.5	8
6	Corrosion resistance and dynamic anti-icing of superhydrophobic surface on ASW. <i>Surface Engineering</i> , 2018 , 34, 603-610	2.6	8
5	Dynamic behavior of water droplets on wetted superhydrophobic surfaces under a high AC electric field. <i>AIP Advances</i> , 2019 , 9, 065307	1.5	7
4	Fast heating thermal shock test for β -SiAlON with molten metals as heating medium. <i>Ceramics International</i> , 2015 , 41, 6117-6121	5.1	6
3	Effect of superhydrophobicity on surface damage of silicone rubber under AC voltage. <i>AIP Advances</i> , 2018 , 8, 035117	1.5	4
2	Effects of Dynamic Air Gap on Air Gap Breakdown Discharge in Sand/Dust Environment. <i>IEEE Transactions on Electrical and Electronic Engineering</i> , 2010 , 5, 724-725	1	2
1	Biomimetic design of surface architecture with simultaneously enhanced hydrophobicity and mechanical stability. <i>Materials Letters</i> , 2020 , 274, 128023	3.3	0