

Haiyun Jin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2705143/haiyun-jin-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

8
h-index

10
g-index

16
ext. papers

161
ext. citations

3
avg, IF

2.3
L-index

#	Paper	IF	Citations
14	Biomimetic design of surface architecture with simultaneously enhanced hydrophobicity and mechanical stability. <i>Materials Letters</i> , 2020 , 274, 128023	3.3	0
13	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
12	Effect of superhydrophobicity on flashover characteristics of silicone rubber under wet conditions. <i>AIP Advances</i> , 2018 , 8, 015313	1.5	8
11	Effect of superhydrophobicity on surface damage of silicone rubber under AC voltage. <i>AIP Advances</i> , 2018 , 8, 035117	1.5	4
10	Corrosion resistance and dynamic anti-icing of superhydrophobic surface on ASW. <i>Surface Engineering</i> , 2018 , 34, 603-610	2.6	8
9	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
8	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
7	The investigation of the wetting behavior on the red rose petal. <i>Applied Physics Letters</i> , 2016 , 108, 151605	3.4	11
6	Fast heating thermal shock test for SiAlON with molten metals as heating medium. <i>Ceramics International</i> , 2015 , 41, 6117-6121	5.1	6
5	Synthesis of SiAlON/h-BN nanocomposite by a precursor infiltration and pyrolysis (PIP) route. <i>Materials Letters</i> , 2015 , 139, 303-306	3.3	12
4	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
3	Effects of FeMo alloy on nitridation and mechanical properties of reaction bonded SiAlON/FeMo ceramic composites. <i>Journal of Alloys and Compounds</i> , 2014 , 616, 639-645	5.7	10
2	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
1	Effects of Dynamic Air Gap on Air Gap Breakdown Discharge in Sand/Dust Environment. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2010 , 5, 724-725	1	2