

Khosrow Maghsoudi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

476
citations

1040056

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1125743

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15
docs citations

15
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro-nanostructured polymer surfaces using injection molding: A review. <i>Materials Today Communications</i> , 2017, 13, 126-143.	1.9	119
2	Direct replication of micro-nanostructures in the fabrication of superhydrophobic silicone rubber surfaces by compression molding. <i>Applied Surface Science</i> , 2018, 458, 619-628.	6.1	72
3	Icephobicity and durability assessment of superhydrophobic surfaces: The role of surface roughness and the ice adhesion measurement technique. <i>Journal of Materials Processing Technology</i> , 2021, 288, 116883.	6.3	56
4	Advances in the Fabrication of Superhydrophobic Polymeric Surfaces by Polymer Molding Processes. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 9343-9363.	3.7	49
5	A comparative study of the icephobic and self-cleaning properties of Teflon materials having different surface morphologies. <i>Journal of Materials Processing Technology</i> , 2020, 276, 116415.	6.3	42
6	Mechanical, thermal, and hydrophobic properties of silica aerogel-epoxy composites. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45706.	2.6	37
7	Rigorous testing to assess the self-cleaning properties of an ultra-water-repellent silicone rubber surface. <i>Surface and Coatings Technology</i> , 2019, 374, 557-568.	4.8	24
8	Potential anti-icing applications of encapsulated phase change material-embedded coatings; a review. <i>Journal of Energy Storage</i> , 2020, 31, 101638.	8.1	24
9	Integration of experimental analysis and machine learning to predict drop behavior on superhydrophobic surfaces. <i>Chemical Engineering Journal</i> , 2021, 417, 127898.	12.7	16
10	Absorption of heavy metals using resorcinol formaldehyde aerogel modified with amine groups. <i>Desalination and Water Treatment</i> , 0, , 1-12.	1.0	12
11	Evaluating the effect of processing parameters on the replication quality in the micro compression molding of silicone rubber. <i>Materials and Manufacturing Processes</i> , 2020, 35, 1567-1575.	4.7	9
12	Micro-Nanostructured Silicone Rubber Surfaces Using Compression Molding. <i>Materials Science Forum</i> , 2018, 941, 1802-1807.	0.3	5
13	On the icephobicity of damage-tolerant superhydrophobic bulk nanocomposites. <i>Soft Matter</i> , 2022, 18, 412-424.	2.7	5
14	Fabrication of liquid-infused textured surfaces (LITS): The effect of surface textures on anti-icing properties and durability. <i>Materials Today Communications</i> , 2022, 32, 103935.	1.9	4
15	Micro-Nanostructured Silicone Surfaces for Highvoltage Application. , 2018, , .		2