

Won Tae Choi

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

286
citations

933447

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h-index

1281871

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all docs

11
docs citations

11
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Bacterial Adhesion on Nanotextured Stainless Steel 316L by Electrochemical Etching. ACS Biomaterials Science and Engineering, 2018, 4, 90-97.	5.2	86
2	Engineering Globular Protein Vesicles through Tunable Self-Assembly of Recombinant Fusion Proteins. Small, 2017, 13, 1700399.	10.0	41
3	Underwater Curvature-Driven Transport between Oil Droplets on Patterned Substrates. ACS Applied Materials & Interfaces, 2018, 10, 15258-15269.	8.0	36
4	Wettability control of stainless steel surfaces via evolution of intrinsic grain structures. Journal of Materials Science, 2016, 51, 5196-5206.	3.7	28
5	Creation of wettability contrast patterns on metallic surfaces via pen drawn masks. Applied Surface Science, 2017, 426, 1241-1248.	6.1	20
6	Humidity-tolerant rate-dependent capillary viscous adhesion of bee-collected pollen fluids. Nature Communications, 2019, 10, 1379.	12.8	20
7	Hydrophobicity and Improved Localized Corrosion Resistance of Grain Boundary Etched Stainless Steel in Chloride-Containing Environment. Journal of the Electrochemical Society, 2017, 164, C61-C65.	2.9	14
8	Droplet Mechanical Hand Based on Anisotropic Water Adhesion of Hydrophobic-Superhydrophobic Patterned Surfaces. Langmuir, 2019, 35, 935-942.	3.5	13
9	Effect of solvent additives on bulk heterojunction morphology of organic photovoltaics and their impact on device performance. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 128-134.	2.1	10
10	Doping of the Semiconducting Polymer Poly(3-hexylthiophene) (P3HT) in Organic Photoelectrochemical Cells. Journal of Physical Chemistry C, 2020, 124, 3439-3447.	3.1	10
11	Significance of Polymeric Nanowire-Network Structures for Stable and Efficient Organic Solar Cells. Macromolecular Research, 2018, 26, 623-629.	2.4	8