

Yudi Rahmawan

List of Publications by Year in descending order

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papers

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1163117

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1104
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-temperature deposition of CuAl ₂ O ₄ thin film photocatalyst by ultrasonic spray pyrolysis. <i>Materials Letters</i> , 2022, 311, 131620.	2.6	2
2	Mechanism analysis of a main landing gear of transporting aircraft: A design learning perspective. <i>Engineering Failure Analysis</i> , 2021, 119, 105015.	4.0	6
3	Influence of substrate temperature on physical properties of CuAlO ₂ thin films grown via nitrate route pyrolytic reaction. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 240, 69-74.	3.5	4
4	Transparent and Superamphiphobic Surfaces from Mushroom-Like Micropillar Arrays. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24197-24203.	8.0	73
5	Spray Coating: Transparent and Superamphiphobic Surfaces from One-Step Spray Coating of Stringed Silica Nanoparticle/Sol Solutions (Part. Syst. Charact. 7/2014). <i>Particle and Particle Systems Characterization</i> , 2014, 31, 811-811.	2.3	2
6	Recent advances in wrinkle-based dry adhesion. <i>Soft Matter</i> , 2014, 10, 5028.	2.7	68
7	Self-assembly of nanostructures towards transparent, superhydrophobic surfaces. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2955-2969.	10.3	246
8	Enhanced Shear Adhesion by Mechanical Interlocking of Dual-Scaled Elastomeric Micropillars With Embedded Silica Particles. <i>Macromolecular Reaction Engineering</i> , 2013, 7, 616-623.	1.5	10
9	Beetle-Inspired Bidirectional, Asymmetric Interlocking Using Geometry-Tunable Nanohairs. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 4225-4230.	8.0	31
10	Surface energy tunable nanohairy dry adhesive by broad ion beam irradiation. <i>Soft Matter</i> , 2012, 8, 1673-1680.	2.7	24
11	One-Step Process for Superhydrophobic Metallic Surfaces by Wire Electrical Discharge Machining. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3685-3691.	8.0	93
12	Pitch reduction lithography by pressure-assisted selective wetting and thermal reflow. <i>Journal of Colloid and Interface Science</i> , 2012, 376, 250-254.	9.4	3
13	Wrinkled, Dual-Scale Structures of Diamond-Like Carbon (DLC) for Superhydrophobicity. <i>Langmuir</i> , 2010, 26, 484-491.	3.5	125