

Yudi Rahmawan

List of Publications by Year in descending order

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13
papers

687
citations

1163117

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1125743

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13
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13
docs citations

13
times ranked

1104
citing authors

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