

Igor

List of Publications by Year in descending order

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16
papers

676
citations

840776

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940533

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16
docs citations

16
times ranked

639
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Carbon Nanocone-Silica Metamaterials: Implications for White Light Photoluminescence. ACS Applied Nano Materials, 2022, 5, 4787-4800.	5.0	6
2	Functional Nanomaterials from Waste and Low-Value Natural Products: A Technological Approach Level. Advanced Materials Technologies, 2022, 7, .	5.8	11
3	Plasma meets metamaterials: three ways to advance space micropropulsion systems. Advances in Physics: X, 2021, 6, 1834452.	4.1	6
4	Plasma and Polymers: Recent Progress and Trends. Molecules, 2021, 26, 4091.	3.8	42
5	Hydrophilicity and Hydrophobicity Control of Plasma-Treated Surfaces via Fractal Parameters. Advanced Materials Interfaces, 2021, 8, 2100724.	3.7	14
6	Biowaste valorization by conversion to nanokeratin-urea composite fertilizers for sustainable and controllable nutrient release. Carbon Trends, 2021, 5, 100083.	3.0	10
7	Functional nanomaterials, synergisms, and biomimicry for environmentally benign marine antifouling technology. Materials Horizons, 2021, 8, 3201-3238.	12.2	44
8	Fabrication of Nano-Onion-Structured Graphene Films from <i>Citrus sinensis</i> Extract and Their Wetting and Sensing Characteristics. ACS Applied Materials & Interfaces, 2020, 12, 29594-29604.	8.0	18
9	Effect of titanium surface topography on plasma deposition of antibacterial polymer coatings. Applied Surface Science, 2020, 521, 146375.	6.1	29
10	Interfacial modification of titanium dioxide to enhance photocatalytic efficiency towards H ₂ production. Journal of Colloid and Interface Science, 2019, 556, 376-385.	9.4	63
11	Mars Colonization: Beyond Getting There. Global Challenges, 2019, 3, 1800062.	3.6	44
12	Hierarchical Multicomponent Inorganic Metamaterials: Intrinsically Driven Self-Assembly at the Nanoscale. Advanced Materials, 2018, 30, 1702226.	21.0	91
13	Explore space using swarms of tiny satellites. Nature, 2018, 562, 185-187.	27.8	111
14	Advanced Materials for Next-Generation Spacecraft. Advanced Materials, 2018, 30, e1802201.	21.0	92
15	Lightning under water: Diverse reactive environments and evidence of synergistic effects for material treatment and activation. Applied Physics Reviews, 2018, 5, 021103.	11.3	53
16	In vitro Demonstration of Cancer Inhibiting Properties from Stratified Self-Organized Plasma-Liquid Interface. Scientific Reports, 2017, 7, 12163.	3.3	42