

Ilias Sakellis

List of Publications by Year in descending order

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papers

453
citations

840776

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29
times ranked

773
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface passivation effect by fluorine plasma treatment on ZnO for efficiency and lifetime improvement of inverted polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11844-11858.	10.3	62
2	Avoiding ambient air and light induced degradation in high-efficiency polymer solar cells by the use of hydrogen-doped zinc oxide as electron extraction material. <i>Nano Energy</i> , 2017, 34, 500-514.	16.0	45
3	Titania photonic crystal photocatalysts functionalized by graphene oxide nanocolloids. <i>Applied Catalysis B: Environmental</i> , 2019, 240, 277-290.	20.2	43
4	Electric properties of carbon nano-onion/polyaniline composites: a combined electric modulus and ac conductivity study. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 285305.	2.8	40
5	Nanographene oxide@TiO ₂ photonic films as plasmon-free substrates for surface-enhanced Raman scattering. <i>Nanoscale</i> , 2019, 11, 21542-21553.	5.6	26
6	Fabrication of Antibacterial Poly(Vinyl Alcohol) Nanocomposite Films Containing Dendritic Polymer Functionalized Multi-Walled Carbon Nanotubes. <i>Frontiers in Materials</i> , 2018, 5, .	2.4	25
7	Combined high permittivity and high electrical conductivity of carbon nano-onion/polyaniline composites. <i>Synthetic Metals</i> , 2015, 209, 583-587.	3.9	23
8	Insights into the passivation effect of atomic layer deposited hafnium oxide for efficiency and stability enhancement in organic solar cells. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8051-8059.	5.5	20
9	Organic solar cells of enhanced efficiency and stability using zinc oxide:zinc tungstate nanocomposite as electron extraction layer. <i>Organic Electronics</i> , 2019, 71, 227-237.	2.6	18
10	Targeting breast cancer stem-like cells using chloroquine encapsulated by a triphenylphosphonium-functionalized hyperbranched polymer. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119465.	5.2	17
11	Boosting visible light harvesting and charge separation in surface modified TiO ₂ photonic crystal catalysts with CoO _x nanoclusters. <i>Materials Advances</i> , 2020, 1, 2310-2322.	5.4	13
12	Patterned carbon dot-based thin films for solid-state devices. <i>Nanoscale</i> , 2020, 12, 10254-10264.	5.6	13
13	Mesoporous CuO/TiO ₂ catalysts prepared by the ammonia driven deposition precipitation method for CO preferential oxidation: Effect of metal loading. <i>Fuel</i> , 2022, 311, 122491.	6.4	12
14	Graphene Quantum Dot-TiO ₂ Photonic Crystal Films for Photocatalytic Applications. <i>Nanomaterials</i> , 2020, 10, 2566.	4.1	11
15	Advanced Photocatalysts Based on Reduced Nanographene Oxide@TiO ₂ Photonic Crystal Films. <i>Materials</i> , 2019, 12, 2518.	2.9	10
16	Engineering Mitochondriotropic Carbon Dots for Targeting Cancer Cells. <i>Pharmaceutics</i> , 2021, 14, 932.	3.8	9
17	Dynamics of electric charge transport and determination of the percolation insulator-to-metal transition in polyvinyl-pyrrolidone/nano-graphene platelet composites. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	8
18	Improved Stability of Polymer Solar Cells in Ambient Air via Atomic Layer Deposition of Ultrathin Dielectric Layers. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700231.	3.7	8

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19	reinforced with nano-graphene platelets. <i>Polymer</i> , 2021, 224, 123731.	3.8	8
20	Multi-Walled Carbon Nanotubes Decorated with Guanidinylated Dendritic Molecular Transporters: An Efficient Platform for the Selective Anticancer Activity of Doxorubicin. <i>Pharmaceutics</i> , 2021, 13, 858.	4.5	8
21	Heterostructured CoOxâ€“TiO2 Mesoporous/Photonic Crystal Bilayer Films for Enhanced Visible-Light Harvesting and Photocatalysis. <i>Materials</i> , 2020, 13, 4305.	2.9	7
22	Acid-Catalyzed Wet Torrefaction for Enhancing the Heating Value of Barley Straw. <i>Energies</i> , 2020, 13, 1693.	3.1	6
23	Low-Cost Electrodeposition of Size-Tunable Single-Crystal ZnO Nanorods. <i>Fibers</i> , 2021, 9, 38.	4.0	6
24	Cytotoxicity Effects of Water-Soluble Multi-Walled Carbon Nanotubes Decorated with Quaternized Hyperbranched Poly(ethyleneimine) Derivatives on Autotrophic and Heterotrophic Gram-Negative Bacteria. <i>Pharmaceutics</i> , 2020, 13, 293.	3.8	4
25	Visible Light Trapping against Charge Recombination in FeOxâ€“TiO2 Photonic Crystal Photocatalysts. <i>Materials</i> , 2021, 14, 7117.	2.9	4
26	Metal to insulator transition in conducting polyaniline/graphene oxide composites. <i>Applied Physics Letters</i> , 2019, 114, 162904.	3.3	3
27	Piezoelectric polyvinylidene fluoride-based epoxy composites produced by combined uniaxial compression and poling. <i>Applied Physics Letters</i> , 2019, 115, 192902.	3.3	3
28	Towards Highly Loaded and Finely Dispersed CuO Catalysts via ADP: Effect of the Alumina Support. <i>Catalysts</i> , 2022, 12, 628.	3.5	1
29	Interfacial and space charge dielectric effects in Polypyrrole/ZnO composites. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2017, 14, 1700001.	0.8	0