

Anastasios Stergiou

List of Publications by Year in descending order

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papers

673
citations

566801

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580395

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36
all docs

36
docs citations

36
times ranked

1210
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Functionalization of Two-Dimensional MoS ₂ Nanosheets. Chemistry - A European Journal, 2018, 24, 18246-18257.	1.7	73
2	Functionalized graphene and targeted applications – Highlighting the road from chemistry to applications. Progress in Materials Science, 2020, 114, 100683.	16.0	61
3	Oxone-Mediated Oxidative Cleavage of α -Keto Esters and 1,3-Diketones to β -Keto Esters and 1,2-Diketones in Aqueous Medium. Journal of Organic Chemistry, 2013, 78, 7268-7273.	1.7	46
4	Stability Improvement and Performance Reproducibility Enhancement of Perovskite Solar Cells Following (FA/MA/Cs)PbI ₃ –Br _x /CH ₃ SPbI ₃ Dimensionality Engineering. ACS Applied Energy Materials, 2020, 3, 2465-2477.	2.5	44
5	Donor-acceptor graphene-based hybrid materials facilitating photo-induced electron-transfer reactions. Beilstein Journal of Nanotechnology, 2014, 5, 1580-1589.	1.5	42
6	Enhancing efficiency and decreasing photocatalytic degradation of perovskite solar cells using a hydrophobic copper-modified titania electron transport layer. Applied Catalysis B: Environmental, 2021, 284, 119714.	10.8	42
7	A Long-Lived Azafullerenyl Radical Stabilized by Supramolecular Shielding with a [10]Cycloparaphenylene. Angewandte Chemie - International Edition, 2019, 58, 17745-17750.	7.2	41
8	Fluorene-Perylene Diimide Arrays onto Graphene Sheets for Photocatalysis. ACS Applied Materials & Interfaces, 2016, 8, 21576-21584.	4.0	34
9	Ping-Pong Energy Transfer in Covalently Linked Porphyrin-MoS ₂ Architectures. Angewandte Chemie - International Edition, 2020, 59, 3976-3981.	7.2	31
10	Axially Assembled Photosynthetic Antenna-Reaction Center Mimics Composed of Boron Dipyrromethenes, Aluminum Porphyrin, and Fullerene Derivatives. Inorganic Chemistry, 2017, 56, 10268-10280.	1.9	29
11	Mechanistic insights into the photocatalytic properties of metal nanocluster/graphene ensembles. Examining the role of visible light in the reduction of 4-nitrophenol. Nanoscale, 2017, 9, 9685-9692.	2.8	26
12	Conjugated Polymer Nanoparticle-Graphene Oxide Charge-Transfer Complexes. Advanced Functional Materials, 2018, 28, 1707548.	7.8	26
13	Interfacing Carbon Dots for Charge-Transfer Processes. Small, 2021, 17, e2006005.	5.2	22
14	Boosting perovskite nanomorphology and charge transport properties via a functional D-A organic layer at the absorber/hole transporter interface. Nanoscale, 2020, 12, 15137-15149.	2.8	21
15	Individualized p-Doped Carbon Nanohorns. Angewandte Chemie - International Edition, 2016, 55, 10468-10472.	7.2	17
16	All-Carbon Nanosized Hybrid Materials: Fluorescent Carbon Dots Conjugated to Multiwalled Carbon Nanotubes. Journal of Physical Chemistry C, 2016, 120, 8550-8558.	1.5	15
17	An ion-selective crown ether covalently grafted onto chemically exfoliated MoS ₂ as a biological fluid sensor. Nanoscale, 2021, 13, 8948-8957.	2.8	14
18	Robust coherent spin centers from stable azafullerene radicals entrapped in cycloparaphenylene rings. Nanoscale, 2021, 13, 19946-19955.	2.8	13

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19	(Photo)electrocatalysis of molecular oxygen reduction by S-doped graphene decorated with a star-shaped oligothiophene. <i>Nanoscale</i> , 2019, 11, 7335-7346.	2.8	12
20	Oligothiophene/graphene supramolecular ensembles managing light induced processes: preparation, characterization, and femtosecond transient absorption studies leading to charge-separation. <i>Nanoscale</i> , 2015, 7, 15840-15851.	2.8	11
21	A Long-lived Azafullerenyl Radical Stabilized by Supramolecular Shielding with a [10]Cycloparaphenylene. <i>Angewandte Chemie</i> , 2019, 131, 17909-17914.	1.6	11
22	Photoinduced charge separation in an oligophenylenevinylene-based Hamilton-type receptor supramolecularly associating two C ₆₀ -barbiturate guests. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 811-817.	1.3	8
23	Self-Assembled Core-shell CdTe/Poly(3-hexylthiophene) Nanoensembles as Novel Donor-acceptor Light-Harvesting Systems. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44695-44703.	4.0	8
24	Pingpong-Energi transfer in kovalent verknüpfte Porphyrin-MoS ₂ Architekturen. <i>Angewandte Chemie</i> , 2020, 132, 4004-4009.	1.6	7
25	Methylammonium Lead Bromide Perovskite Nano-Crystals Grown in a Poly[styrene-co-(2-(dimethylamino)ethyl Methacrylate)] Matrix Immobilized on Exfoliated Graphene Nano-Sheets. <i>Nanomaterials</i> , 2022, 12, 1275.	1.9	4
26	Functionalized Carbon Nanohorns as Drug Delivery Platforms. <i>Methods in Molecular Biology</i> , 2021, 2207, 13-24.	0.4	3
27	One-step covalent hydrophobic/hydrophilic functionalization of chemically exfoliated molybdenum disulfide nanosheets with RAFT derived polymers. <i>Chemical Communications</i> , 2022, 58, 795-798.	2.2	3
28	Individualized Doped Carbon Nanohorns. <i>Angewandte Chemie</i> , 2016, 128, 10624-10628.	1.6	2
29	Tether-Directed Regioselective Synthesis of an Equatorial face Bisadduct of Azafullerene Using Cyclo[2]octylmalonate. <i>Chemistry - A European Journal</i> , 2019, 25, 5751-5756.	1.7	2
30	Solution-phase molecular recognition of an azafullerene-quinoline dyad by a face-to-face porphyrin-dimer tweezer. <i>RSC Advances</i> , 2020, 10, 31720-31729.	1.7	1
31	First Synthesis of the Inherently Chiral <i>trans</i> -Bisadduct of C ₅₉ N Azafullerene by Using Cyclo[2]dodecylmalonate as a Tether. <i>Chemistry - A European Journal</i> , 2021, 27, 13879-13886.	1.7	1
32	CHAPTER 2. Non-covalent Methodologies for the Preparation of Metal-free Nanocarbons for Catalysis. <i>RSC Catalysis Series</i> , 2018, , 29-66.	0.1	1
33	A solution-processed MoS ₂ /graphene heterostructure mediated by a bifunctional block copolymer as a non-noble metal platform for hydrogen evolution. <i>Sustainable Energy and Fuels</i> , 2022, 6, 2858-2867.	2.5	1
34	Graphene featuring imidazolium rings and electrostatically immobilized polyacrylate chains as metal-free electrocatalyst for selective oxygen reduction to hydrogen peroxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, , 129252.	2.3	0