

Anastasios Stergiou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8424743/publications.pdf>

Version: 2024-02-01

34
papers

673
citations

566801

15
h-index

580395

25
g-index

36
all docs

36
docs citations

36
times ranked

1210
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Enhancing efficiency and decreasing photocatalytic degradation of perovskite solar cells using a hydrophobic copper-modified titania electron transport layer. <i>Applied Catalysis B: Environmental</i> , 2021, 284, 119714.	10.8	42
6	An ion-selective crown ether covalently grafted onto chemically exfoliated MoS ₂ as a biological fluid sensor. <i>Nanoscale</i> , 2021, 13, 8948-8957.	2.8	14
7	Interfacing Carbon Dots for Charge Transfer Processes. <i>Small</i> , 2021, 17, e2006005.	5.2	22
8	First Synthesis of the Inherently Chiral <i>trans</i> -Bisadduct of C ₅₉ N Azafullerene by Using <i>cyclo</i> [2]-dodecylmalonate as a Tether. <i>Chemistry - A European Journal</i> , 2021, 27, 13879-13886.	1.7	1
9	Functionalized Carbon Nanohorns as Drug Delivery Platforms. <i>Methods in Molecular Biology</i> , 2021, 2207, 13-24.	0.4	3
10	Robust coherent spin centers from stable azafullerene radicals entrapped in cycloparaphenylene rings. <i>Nanoscale</i> , 2021, 13, 19946-19955.	2.8	13
11	Pingpong Energy Transfer in covalent verknÄ¼ften Porphyrin-MoS ₂ Architekturen. <i>Angewandte Chemie</i> , 2020, 132, 4004-4009.	1.6	7
12	Pingpong Energy Transfer in Covalently Linked Porphyrin-MoS ₂ Architectures. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3976-3981.	7.2	31
13	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
14	Boosting perovskite nanomorphology and charge transport properties <i>via</i> a functional D-A organic layer at the absorber/hole transporter interface. <i>Nanoscale</i> , 2020, 12, 15137-15149.	2.8	21
15	Stability Improvement and Performance Reproducibility Enhancement of Perovskite Solar Cells Following (FA/MA/Cs)Pb ₃ Br ₃ (CH ₃) ₃ SPbI ₃ ^{2,5} Dimensionality Engineering. <i>ACS Applied Energy Materials</i> , 2020, 3, 2465-2477.		44
16	Functionalized graphene and targeted applications – Highlighting the road from chemistry to applications. <i>Progress in Materials Science</i> , 2020, 114, 100683.	16.0	61
17	A Long-Lived Azafullerenyl Radical Stabilized by Supramolecular Shielding with a [10]Cycloparaphenylene. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17745-17750.	7.2	41
18	(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

#	ARTICLE	IF	CITATIONS
19	Tethered Directed Regioselective Synthesis of an Equatorial face Bisadduct of Azafullerene Using Cyclohexylmalonate. <i>Chemistry - A European Journal</i> , 2019, 25, 5751-5756.	1.7	2
20	A Long-Lived Azafullerenyl Radical Stabilized by Supramolecular Shielding with a [10]Cycloparaphenylene. <i>Angewandte Chemie</i> , 2019, 131, 17909-17914.	1.6	11
21	Conjugated Polymer Nanoparticle-Graphene Oxide Charge-Transfer Complexes. <i>Advanced Functional Materials</i> , 2018, 28, 1707548.	7.8	26
22	Molecular Functionalization of Two-Dimensional MoS ₂ Nanosheets. <i>Chemistry - A European Journal</i> , 2018, 24, 18246-18257.	1.7	73
23	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
24	Mechanistic insights into the photocatalytic properties of metal nanocluster/graphene ensembles. Examining the role of visible light in the reduction of 4-nitrophenol. <i>Nanoscale</i> , 2017, 9, 9685-9692.	2.8	26
25	Axially Assembled Photosynthetic Antenna-Reaction Center Mimics Composed of Boron Dipyrromethenes, Aluminum Porphyrin, and Fullerene Derivatives. <i>Inorganic Chemistry</i> , 2017, 56, 10268-10280.	1.9	29
26	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
27	All-Carbon Nanosized Hybrid Materials: Fluorescent Carbon Dots Conjugated to Multiwalled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2016, 120, 8550-8558.	1.5	15
28	Fluorene-Perylene Diimide Arrays onto Graphene Sheets for Photocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21576-21584.	4.0	34
29	Individualized p-Doped Carbon Nanohorns. <i>Angewandte Chemie</i> , 2016, 128, 10624-10628.	1.6	2
30	Individualized p-Doped Carbon Nanohorns. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10468-10472.	7.2	17
31	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
32	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
33	Donor-acceptor graphene-based hybrid materials facilitating photo-induced electron-transfer reactions. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 1580-1589.	1.5	42
34	Oxone-Mediated Oxidative Cleavage of β -Keto Esters and 1,3-Diketones to α -Keto Esters and 1,2-Diketones in Aqueous Medium. <i>Journal of Organic Chemistry</i> , 2013, 78, 7268-7273.	1.7	46