Kamil Sokolowski

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3583699/publications.pdf

Version: 2024-02-01

23	476	687363 13	677142 22
papers	citations	h-index	g-index

24	24	24	773
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Permanent Porosity Derived From the Selfâ€Assembly of Highly Luminescent Molecular Zinc Carbonate Nanoclusters. Angewandte Chemie - International Edition, 2013, 52, 13414-13418.	13.8	46
2	Towards a New Family of Photoluminescent Organozinc 8â€Hydroxyquinolinates with a High Propensity to Form Noncovalent Porous Materials. Chemistry - A European Journal, 2012, 18, 5637-5645.	3.3	44
3	Chemical fixation and conversion of CO2 into cyclic and cage-type metal carbonates. Coordination Chemistry Reviews, 2017, 334, 199-231.	18.8	44
4	Hostâ€“Guest Chemistry Meets Electrocatalysis: Cucurbit[6]uril on a Au Surface as a Hybrid System in CO₂ Reduction. ACS Catalysis, 2020, 10, 751-761.	11.2	43
5	Ultra long-lived electron-hole separation within water-soluble colloidal ZnO nanocrystals: Prospective applications for solar energy production. Nano Energy, 2016, 30, 187-192.	16.0	39
6	Î±â€Amino acids as initiators of Îµâ€caprolactone and <scp>L</scp>,<scp>L</scp>â€lactide polymerization. Polymer International, 2011, 60, 787-793.	3.1	31
7	Imidazolium-modification enhances photocatalytic CO₂ reduction on ZnSe quantum dots. Chemical Science, 2021, 12, 9078-9087.	7.4	31
8	Applying Mechanochemistry for Bottomâ€Up Synthesis and Hostâ€“Guest Surface Modification of Semiconducting Nanocrystals: A Case of Waterâ€Soluble Î²â€Cyclodextrinâ€Coated Zinc Oxide. Chemistry - A European Journal, 2016, 22, 7817-7823.	3.3	24
9	Photo-induced interfacial electron transfer of ZnO nanocrystals to control supramolecular assembly in water. Nanoscale, 2017, 9, 16128-16132.	5.6	23
10	tertâ€Butyl(tertâ€butoxy)zinc Hydroxides: Hybrid Models for Singleâ€Source Precursors of ZnO Nanocrystals. Chemistry - A European Journal, 2015, 21, 5488-5495.	3.3	22
11	Activation of CO2 by tBuZnOH species: efficient routes to novel nanomaterials based on zinc carbonates. Chemical Communications, 2013, 49, 5271.	4.1	17
12	Nanoparticle surfactants for kinetically arrested photoactive assemblies to track light-induced electron transfer. Nature Nanotechnology, 2021, 16, 1121-1129.	31.5	16
13	Tuning the local chemical environment of ZnSe quantum dots with dithiols towards photocatalytic CO₂ reduction. Chemical Science, 2022, 13, 5988-5998.	7.4	15
14	Plasmon-Induced Trap State Emission from Single Quantum Dots. Physical Review Letters, 2021, 126, 047402.	7.8	14
15	Hidden gapless states during thermal transformations of preorganized zinc alkoxides to zinc oxide nanocrystals. Materials Horizons, 2018, 5, 905-911.	12.2	11
16	Experimental and Computational Insights into Carbon Dioxide Fixation by RZnOH Species. Chemistry - A European Journal, 2015, 21, 5496-5503.	3.3	10
17	Plasmon-induced optical control over dithionite-mediated chemical redox reactions. Faraday Discussions, 2019, 214, 455-463.	3.2	10
18	Alkylzinc diorganophosphates: synthesis, structural diversity and unique ability to incorporate zincoxane units. Dalton Transactions, 2016, 45, 18813-18816.	3.3	8

#	Article	IF	Citations
19	Supramolecular protein-mediated assembly of brain extracellular matrix glycans. F1000Research, 2018, 7, 1827.	1.6	8
20	Synthesis and Structure of an Arylmanganese(II) 8â€Hydroxyquinolinate Tetranuclear Cluster. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2427-2430.	1.2	5
21	On-Resin Recognition of Aromatic Oligopeptides and Proteins through Host-Enhanced Heterodimerization. Journal of the American Chemical Society, 2022, 144, 8474-8479.	13.7	4
22	From a Well-Defined Organozinc Precursor to Diverse Luminescent Coordination Polymers Based on Zn(II)-Quinolinate Building Units Interconnected by Mixed Ligand Systems. Molecules, 2021, 26, 7402.	3.8	1
23	Host-guest Chemistry Meets Electrocatalysis: Cucurbit[6]uril on a Au Surface as Hybrid System in CO2 Reduction. , 0, , .		0