

Kamil Sokolowski

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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687363

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773
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the local chemical environment of ZnSe quantum dots with dithiols towards photocatalytic CO ₂ reduction. <i>Chemical Science</i> , 2022, 13, 5988-5998.	7.4	15
2	On-Resin Recognition of Aromatic Oligopeptides and Proteins through Host-Enhanced Heterodimerization. <i>Journal of the American Chemical Society</i> , 2022, 144, 8474-8479.	13.7	4
3	Imidazolium-modification enhances photocatalytic CO ₂ reduction on ZnSe quantum dots. <i>Chemical Science</i> , 2021, 12, 9078-9087.	7.4	31
4	Nanoparticle surfactants for kinetically arrested photoactive assemblies to track light-induced electron transfer. <i>Nature Nanotechnology</i> , 2021, 16, 1121-1129.	31.5	16
5	Plasmon-Induced Trap State Emission from Single Quantum Dots. <i>Physical Review Letters</i> , 2021, 126, 047402.	7.8	14
6	From a Well-Defined Organozinc Precursor to Diverse Luminescent Coordination Polymers Based on Zn(II)-Quinolate Building Units Interconnected by Mixed Ligand Systems. <i>Molecules</i> , 2021, 26, 7402.	3.8	1
7	Host-Guest Chemistry Meets Electrocatalysis: Cucurbit[6]uril on a Au Surface as a Hybrid System in CO ₂ Reduction. <i>ACS Catalysis</i> , 2020, 10, 751-761.	11.2	43
8	Plasmon-induced optical control over dithionite-mediated chemical redox reactions. <i>Faraday Discussions</i> , 2019, 214, 455-463.	3.2	10
9	Hidden gapless states during thermal transformations of preorganized zinc alkoxides to zinc oxide nanocrystals. <i>Materials Horizons</i> , 2018, 5, 905-911.	12.2	11
10	Supramolecular protein-mediated assembly of brain extracellular matrix glycans. <i>F1000Research</i> , 2018, 7, 1827.	1.6	8
11	Photo-induced interfacial electron transfer of ZnO nanocrystals to control supramolecular assembly in water. <i>Nanoscale</i> , 2017, 9, 16128-16132.	5.6	23
12	Chemical fixation and conversion of CO ₂ into cyclic and cage-type metal carbonates. <i>Coordination Chemistry Reviews</i> , 2017, 334, 199-231.	18.8	44
13	Applying Mechanochemistry for Bottom-Up Synthesis and Host-Guest Surface Modification of Semiconducting Nanocrystals: A Case of Water-Soluble β-Cyclodextrin-Coated Zinc Oxide. <i>Chemistry - A European Journal</i> , 2016, 22, 7817-7823.	3.3	24
14	Ultra long-lived electron-hole separation within water-soluble colloidal ZnO nanocrystals: Prospective applications for solar energy production. <i>Nano Energy</i> , 2016, 30, 187-192.	16.0	39
15	Alkylzinc diorganophosphates: synthesis, structural diversity and unique ability to incorporate zincoxane units. <i>Dalton Transactions</i> , 2016, 45, 18813-18816.	3.3	8
16	tert-Butyl(tert-butoxy)zinc Hydroxides: Hybrid Models for Single-Source Precursors of ZnO Nanocrystals. <i>Chemistry - A European Journal</i> , 2015, 21, 5488-5495.	3.3	22
17	Experimental and Computational Insights into Carbon Dioxide Fixation by RZnOH Species. <i>Chemistry - A European Journal</i> , 2015, 21, 5496-5503.	3.3	10
18	Synthesis and Structure of an Arylmanganese(II) 8-Hydroxyquinolate Tetranuclear Cluster. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 2427-2430.	1.2	5

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19	Permanent Porosity Derived From the Self-Assembly of Highly Luminescent Molecular Zinc Carbonate Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13414-13418.	13.8	46
20	Activation of CO ₂ by tBuZnOH species: efficient routes to novel nanomaterials based on zinc carbonates. <i>Chemical Communications</i> , 2013, 49, 5271.	4.1	17
21	Towards a New Family of Photoluminescent Organozinc 8-Hydroxyquinolines with a High Propensity to Form Noncovalent Porous Materials. <i>Chemistry - A European Journal</i> , 2012, 18, 5637-5645.	3.3	44
22	ε-Amino acids as initiators of ε-caprolactone and lactide polymerization. <i>Polymer International</i> , 2011, 60, 787-793.	3.1	31
23	Host-guest Chemistry Meets Electrocatalysis: Cucurbit[6]uril on a Au Surface as Hybrid System in CO ₂ Reduction. , 0, , .		0