

# Anna Kusior

## List of Publications by Year in descending order

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35  
papers

841  
citations

471061

17  
h-index

476904

29  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interface design, surface-related properties, and their role in interfacial electron transfer. Part II: Photochemistry-related topics. <i>Advances in Inorganic Chemistry</i> , 2022, , .	0.4	2
2	Interface design, surface-related properties, and their role in interfacial electron transfer. Part I: Materials-related topics. <i>Advances in Inorganic Chemistry</i> , 2022, , 377-413.	0.4	2
3	Voltammetric Detection of Glucose—The Electrochemical Behavior of the Copper Oxide Materials with Well-Defined Facets. <i>Sensors</i> , 2022, 22, 4783.	2.1	4
4	Search for mid- and high-entropy transition-metal chalcogenides — investigating the pentlandite structure. <i>Dalton Transactions</i> , 2021, 50, 9560-9573.	1.6	11
5	Nonenzymatic Glucose Sensors Based on Copper Sulfides: Effect of Binder-Particles Interactions in Drop-Casted Suspensions on Electrodes Electrochemical Performance. <i>Sensors</i> , 2021, 21, 802.	2.1	11
6	Thermoelectric Properties of Cu <sub>2</sub> Se Synthesized by Hydrothermal Method and Densified by SPS Technique. <i>Materials</i> , 2021, 14, 3650.	1.3	15
7	New insights into the formation of multi-core—shell mesoporous SnO <sub>2</sub> @SnS <sub>2</sub> nanostructures. <i>Materials Research Letters</i> , 2021, 9, 445-451.	4.1	5
8	The role of TiO <sub>2</sub> polymorphs as support for the Keggin-type tungstophosphoric heteropolyacid as catalysts for n-butanol dehydration. <i>Catalysis Today</i> , 2021, 380, 84-92.	2.2	13
9	From Adsorbent to Photocatalyst: The Sensitization Effect of SnO <sub>2</sub> Surface towards Dye Photodecomposition. <i>Molecules</i> , 2021, 26, 7123.	1.7	5
10	Electrochemical Characterization of Modified Glassy Carbon Electrodes for Non-Enzymatic Glucose Sensors. <i>Sensors</i> , 2021, 21, 7928.	2.1	6
11	Synthesis of anisotropic Cu <sub>2</sub> xS-based nanostructures by thermal oxidation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 4321-4329.	2.0	9
12	Surface-Controlled Photocatalysis and Chemical Sensing of TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , and Cu <sub>2</sub> O Nanocrystals. <i>Crystals</i> , 2019, 9, 163.	1.0	23
13	Light harvesting and charge transfer in metal oxide nanomaterials for hydrogen energy generation. , 2019, , .		0
14	Synthesis and thermoelectric properties of Cu <sub>1.8</sub> S. , 2019, , .		0
15	Synthesis and thermoelectric properties of Cu <sub>1.8</sub> S. , 2019, , .		0
16	Copper selenide as a promising semiconductor for thermoelectric conversion. , 2019, , .		0
17	Shaped Fe <sub>2</sub> O <sub>3</sub> nanoparticles — Synthesis and enhanced photocatalytic degradation towards RhB. <i>Applied Surface Science</i> , 2019, 476, 342-352.	3.1	93
18	Photocatalytic activity of TiO <sub>2</sub> /SnO <sub>2</sub> nanostructures with controlled dimensionality/complexity. <i>Applied Surface Science</i> , 2019, 471, 973-985.	3.1	46

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19	Structural properties of TiO <sub>2</sub> nanomaterials. Journal of Molecular Structure, 2018, 1157, 327-336.	1.8	54
20	Oxide Nanomaterials for Photoelectrochemical Hydrogen Energy Sources. Advances in Inorganic Chemistry, 2018, , 145-183.	0.4	9
21	Copper Sulfide Materials for Nonenzymatic Glucose Detection. , 2018, , .		0
22	Nanocrystalline TiO <sub>2</sub> /SnO <sub>2</sub> heterostructures for gas sensing. Beilstein Journal of Nanotechnology, 2017, 8, 108-122.	1.5	27
23	Nanostructured TiO <sub>2</sub> -based gas sensors with enhanced sensitivity to reducing gases. Beilstein Journal of Nanotechnology, 2016, 7, 1718-1726.	1.5	88
24	CdS for TiO <sub>2</sub> -based heterostructures as photoactive anodes in the photoelectrochemical cells. International Journal of Hydrogen Energy, 2016, 41, 7548-7562.	3.8	33
25	Biopolymeric hydrogels ~ nanostructured TiO <sub>2</sub> hybrid materials as potential injectable scaffolds for bone regeneration. Colloids and Surfaces B: Biointerfaces, 2016, 148, 607-614.	2.5	41
26	Structural, optical and electrical properties of nanocrystalline TiO <sub>2</sub> , SnO <sub>2</sub> and their composites obtained by the sol-gel method. Journal of the European Ceramic Society, 2016, 36, 2981-2989.	2.8	44
27	Sn and Cu oxide nanoparticles deposited on TiO <sub>2</sub> nanoflower 3D substrates by Inert Gas Condensation technique. Applied Surface Science, 2016, 380, 193-202.	3.1	25
28	TiO <sub>2</sub> nanostructures for photoelectrochemical cells (PECs). International Journal of Hydrogen Energy, 2015, 40, 4936-4944.	3.8	54
29	Hard-template synthesis of titanium dioxide hollow spheres. Micro and Nano Letters, 2014, 9, 721-725.	0.6	6
30	TiO <sub>2</sub> flower-like nanostructures decorated with CdS/PbS nanoparticles. Materials Research Bulletin, 2014, 60, 28-37.	2.7	27
31	Gas sensing properties of TiO <sub>2</sub> -SnO <sub>2</sub> nanomaterials. Sensors and Actuators B: Chemical, 2013, 187, 445-454.	4.0	36
32	Sensitization of TiO <sub>2</sub> /SnO <sub>2</sub> nanocomposites for gas detection. Sensors and Actuators B: Chemical, 2013, 189, 251-259.	4.0	33
33	TiO <sub>2</sub> -SnO <sub>2</sub> nanomaterials for gas sensing and photocatalysis. Journal of the European Ceramic Society, 2013, 33, 2285-2290.	2.8	75
34	Sensitization of Gas Sensing Properties in TiO <sub>2</sub> /SnO <sub>2</sub> Nanocomposites. Procedia Engineering, 2012, 47, 1073-1076.	1.2	19
35	Nanocrystalline TiO <sub>2</sub> /SnO <sub>2</sub> composites for gas sensors. Journal of Thermal Analysis and Calorimetry, 2012, 108, 1079-1084.	2.0	25