

# Anna Kusior

## List of Publications by Year in descending order

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35  
papers

841  
citations

471509

17  
h-index

477307

29  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shaped Fe <sub>2</sub> O <sub>3</sub> nanoparticles – Synthesis and enhanced photocatalytic degradation towards RhB. Applied Surface Science, 2019, 476, 342-352.	6.1	93
2	Nanostructured TiO <sub>2</sub> -based gas sensors with enhanced sensitivity to reducing gases. Beilstein Journal of Nanotechnology, 2016, 7, 1718-1726.	2.8	88
3	TiO <sub>2</sub> –SnO <sub>2</sub> nanomaterials for gas sensing and photocatalysis. Journal of the European Ceramic Society, 2013, 33, 2285-2290.	5.7	75
4	TiO <sub>2</sub> nanostructures for photoelectrochemical cells (PECs). International Journal of Hydrogen Energy, 2015, 40, 4936-4944.	7.1	54
5	Structural properties of TiO <sub>2</sub> nanomaterials. Journal of Molecular Structure, 2018, 1157, 327-336.	3.6	54
6	Photocatalytic activity of TiO <sub>2</sub> /SnO <sub>2</sub> nanostructures with controlled dimensionality/complexity. Applied Surface Science, 2019, 471, 973-985.	6.1	46
7	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.	5.7	44
8	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.	5.0	41
9	Gas sensing properties of TiO <sub>2</sub> –SnO <sub>2</sub> nanomaterials. Sensors and Actuators B: Chemical, 2013, 187, 445-454.	7.8	36
10	Sensitization of TiO <sub>2</sub> /SnO <sub>2</sub> nanocomposites for gas detection. Sensors and Actuators B: Chemical, 2013, 189, 251-259.	7.8	33
11	CdS for TiO <sub>2</sub> -based heterostructures as photoactive anodes in the photoelectrochemical cells. International Journal of Hydrogen Energy, 2016, 41, 7548-7562.	7.1	33
12	TiO <sub>2</sub> flower-like nanostructures decorated with CdS/PbS nanoparticles. Materials Research Bulletin, 2014, 60, 28-37.	5.2	27
13	Nanocrystalline TiO <sub>2</sub> /SnO <sub>2</sub> heterostructures for gas sensing. Beilstein Journal of Nanotechnology, 2017, 8, 108-122.	2.8	27
14	Nanocrystalline TiO <sub>2</sub> /SnO <sub>2</sub> composites for gas sensors. Journal of Thermal Analysis and Calorimetry, 2012, 108, 1079-1084.	3.6	25
15	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.	6.1	25
16	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. Crystals, 2019, 9, 163.	2.2	23
17	Sensitization of Gas Sensing Properties in TiO <sub>2</sub> /SnO <sub>2</sub> Nanocomposites. Procedia Engineering, 2012, 47, 1073-1076.	1.2	19
18	Thermoelectric Properties of Cu <sub>2</sub> Se Synthesized by Hydrothermal Method and Densified by SPS Technique. Materials, 2021, 14, 3650.	2.9	15

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19	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.	4.4	13
20	Search for mid- and high-entropy transition-metal chalcogenides – investigating the pentlandite structure. <i>Dalton Transactions</i> , 2021, 50, 9560-9573.	3.3	11
21	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.	3.8	11
22	Oxide Nanomaterials for Photoelectrochemical Hydrogen Energy Sources. <i>Advances in Inorganic Chemistry</i> , 2018, , 145-183.	1.0	9
23	Synthesis of anisotropic Cu <sub>2</sub> S-based nanostructures by thermal oxidation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 4321-4329.	3.6	9
24	Hard-template synthesis of titanium dioxide hollow spheres. <i>Micro and Nano Letters</i> , 2014, 9, 721-725.	1.3	6
25	Electrochemical Characterization of Modified Glassy Carbon Electrodes for Non-Enzymatic Glucose Sensors. <i>Sensors</i> , 2021, 21, 7928.	3.8	6
26	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.	8.7	5
27	From Adsorbent to Photocatalyst: The Sensitization Effect of SnO <sub>2</sub> Surface towards Dye Photodecomposition. <i>Molecules</i> , 2021, 26, 7123.	3.8	5
28	Voltammetric Detection of Glucose – The Electrochemical Behavior of the Copper Oxide Materials with Well-Defined Facets. <i>Sensors</i> , 2022, 22, 4783.	3.8	4
29	Interface design, surface-related properties, and their role in interfacial electron transfer. Part II: Photochemistry-related topics. <i>Advances in Inorganic Chemistry</i> , 2022, , .	1.0	2
30	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.	1.0	2
31	Copper Sulfide Materials for Nonenzymatic Glucose Detection. , 2018, , .		0
32	Light harvesting and charge transfer in metal oxide nanomaterials for hydrogen energy generation. , 2019, , .		0
33	Synthesis and thermoelectric properties of Cu <sub>1.8</sub> S. , 2019, , .		0
34	Synthesis and thermoelectric properties of Cu <sub>1.8</sub> S. , 2019, , .		0
35	Copper selenide as a promising semiconductor for thermoelectric conversion. , 2019, , .		0