Anna Kusior

List of Publications by Year
in descending order

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	Interface design, surface-related properties, and their role in interfacial electron transfer. Part II: Photochemistry-related topics. Advances in Inorganic Chemistry, 2022, , .	1.0	2
2	Interface design, surface-related properties, and their role in interfacial electron transfer. Part I: Materials-related topics. Advances in Inorganic Chemistry, 2022, , 377-413.	1.0	2
3	Voltammetric Detection of Glucoseâ€"The Electrochemical Behavior of the Copper Oxide Materials with Well-Defined Facets. Sensors, 2022, 22, 4783.	3.8	4
4	Search for mid- and high-entropy transition-metal chalcogenides â€“ investigating the pentlandite structure. Dalton Transactions, 2021, 50, 9560-9573.	3.3	11
5	Nonenzymatic Glucose Sensors Based on Copper Sulfides: Effect of Binder-Particles Interactions in Drop-Casted Suspensions on Electrodes Electrochemical Performance. Sensors, 2021, 21, 802.	3.8	11
6	Thermoelectric Properties of Cu2Se Synthesized by Hydrothermal Method and Densified by SPS Technique. Materials, 2021, 14, 3650.	2.9	15
7	New insights into the formation of multi-coreâ€"shell mesoporous SnO2@SnS2 nanostructures. Materials Research Letters, 2021, 9, 445-451.	8.7	5
8	The role of TiO2 polymorphs as support for the Keggin-type tungstophosphoric heteropolyacid as catalysts for n-butanol dehydration. Catalysis Today, 2021, 380, 84-92.	4.4	13
9	From Adsorbent to Photocatalyst: The Sensitization Effect of SnO2 Surface towards Dye Photodecomposition. Molecules, 2021, 26, 7123.	3.8	5
10	Electrochemical Characterization of Modified Glassy Carbon Electrodes for Non-Enzymatic Glucose Sensors. Sensors, 2021, 21, 7928.	3.8	6
11	Synthesis of anisotropic Cu2â^'xS-based nanostructures by thermal oxidation. Journal of Thermal Analysis and Calorimetry, 2019, 138, 4321-4329.	3.6	9
12	Surface-Controlled Photocatalysis and Chemical Sensing of TiO2, Î±-Fe2O3, and Cu2O Nanocrystals. Crystals, 2019, 9, 163.	2.2	23
13	Light harvesting and charge transfer in metal oxide nanomaterials for hydrogen energy generation. , 2019, , .		0
14	Synthesis and thermoelectric properties of Cu1.8 S. , 2019, , .		0
15	Synthesis and thermoelectric properties of Cu1.8 S. , 2019, , .		0
16	Copper selenide as a promising semiconductor for thermoelectric conversion. , 2019, , .		0
17	Shaped Fe2O3 nanoparticles â€“ Synthesis and enhanced photocatalytic degradation towards RhB. Applied Surface Science, 2019, 476, 342-352.	6.1	93
18	Photocatalytic activity of TiO2/SnO2 nanostructures with controlled dimensionality/complexity. Applied Surface Science, 2019, 471, 973-985.	6.1	46

#	Article	IF	Citations
19	Structural properties of TiO2 nanomaterials. Journal of Molecular Structure, 2018, 1157, 327-336.	3.6	54
20	Oxide Nanomaterials for Photoelectrochemical Hydrogen Energy Sources. Advances in Inorganic Chemistry, 2018, , 145-183.	1.0	9
21	Copper Sulfide Materials for Nonenzymatic Glucose Detection. , 2018, , .		0
22	Nanocrystalline TiO₂/SnO₂ heterostructures for gas sensing. Beilstein Journal of Nanotechnology, 2017, 8, 108-122.	2.8	27
23	Nanostructured TiO₂-based gas sensors with enhanced sensitivity to reducing gases. Beilstein Journal of Nanotechnology, 2016, 7, 1718-1726.	2.8	88
24	CdS for TiO2-based heterostructures as photoactive anodes in the photoelectrochemical cells. International Journal of Hydrogen Energy, 2016, 41, 7548-7562.	7.1	33
25	Biopolymeric hydrogels â^' nanostructured TiO2 hybrid materials as potential injectable scaffolds for bone regeneration. Colloids and Surfaces B: Biointerfaces, 2016, 148, 607-614.	5.0	41
26	Structural, optical and electrical properties of nanocrystalline TiO 2 , SnO 2 and their composites obtained by the solâ€"gel method. Journal of the European Ceramic Society, 2016, 36, 2981-2989.	5.7	44
27	Sn and Cu oxide nanoparticles deposited on TiO 2 nanoflower 3D substrates by Inert Gas Condensation technique. Applied Surface Science, 2016, 380, 193-202.	6.1	25
28	TiO2 nanostructures for photoelectrochemical cells (PECs). International Journal of Hydrogen Energy, 2015, 40, 4936-4944.	7.1	54
29	Hardâ€template synthesis of titanium dioxide hollow spheres. Micro and Nano Letters, 2014, 9, 721-725.	1.3	6
30	TiO 2 flower-like nanostructures decorated with CdS/PbS nanoparticles. Materials Research Bulletin, 2014, 60, 28-37.	5.2	27
31	Gas sensing properties of TiO2â€"SnO2 nanomaterials. Sensors and Actuators B: Chemical, 2013, 187, 445-454.	7.8	36
32	Sensitization of TiO2/SnO2 nanocomposites for gas detection. Sensors and Actuators B: Chemical, 2013, 189, 251-259.	7.8	33
33	TiO2â€"SnO2 nanomaterials for gas sensing and photocatalysis. Journal of the European Ceramic Society, 2013, 33, 2285-2290.	5.7	75
34	Sensitization of Gas Sensing Properties in TiO2/SnO2 Nanocomposites. Procedia Engineering, 2012, 47, 1073-1076.	1.2	19
35	Nanocrystalline TiO2/SnO2 composites for gas sensors. Journal of Thermal Analysis and Calorimetry, 2012, 108, 1079-1084.	3.6	25