Adam Kubiak

List of Publications by Year
in descending order

23	575	758635 12	642321 23
papers	citations	h-index	g-index

23	23	23	643
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microwave-assisted synthesis of a TiO2-CuO heterojunction with enhanced photocatalytic activity against tetracycline. Applied Surface Science, 2020, 520, 146344.	3.1	106
2	TiO2-ZnO Binary Oxide Systems: Comprehensive Characterization and Tests of Photocatalytic Activity. Materials, 2018, 11, 841.	1.3	97
3	Hydrothermal synthesis of multifunctional TiO2-ZnO oxide systems with desired antibacterial and photocatalytic properties. Applied Surface Science, 2019, 463, 791-801.	3.1	64
4	Titania-Based Hybrid Materials with ZnO, ZrO2 and MoS2: A Review. Materials, 2018, 11, 2295.	1.3	49
5	Synthesis of highly crystalline photocatalysts based on TiO2 and ZnO for the degradation of organic impurities under visible-light irradiation. Adsorption, 2019, 25, 309-325.	1.4	43
6	Synthesis of Titanium Dioxide via Surfactant-Assisted Microwave Method for Photocatalytic and Dye-Sensitized Solar Cells Applications. Catalysts, 2020, 10, 586.	1.6	26
7	Controlled microwave-assisted and pH-affected growth of ZnO structures and their photocatalytic performance. Powder Technology, 2021, 386, 221-235.	2.1	22
8	The controlled oxidation of kraft lignin in mild conditions using ionic liquid as a crucial point in fabrication of antibacterial hybrid materials. Journal of Molecular Liquids, 2019, 274, 370-378.	2.3	18
9	Highly Crystalline TiO2-MoO3 Composite Materials Synthesized via a Template-Assisted Microwave Method for Electrochemical Application. Crystals, 2020, 10, 493.	1.0	18
10	New lignin-based hybrid materials as functional additives for polymer biocomposites: From design to application. International Journal of Biological Macromolecules, 2021, 190, 624-635.	3.6	15
11	Hydrothermal-assisted synthesis of highly crystalline titaniaâ€“copper oxide binary systems with enhanced antibacterial properties. Materials Science and Engineering C, 2019, 104, 109839.	3.8	14
12	Synthesis, characterization and aging tests of functional rigid polymeric biocomposites with kraft lignin. International Journal of Biological Macromolecules, 2021, 178, 344-353.	3.6	13
13	Hydrothermally Assisted Fabrication of TiO2-Fe3O4 Composite Materials and Their Antibacterial Activity. Materials, 2020, 13, 4715.	1.3	12
14	Application of Spinel and Hexagonal Ferrites in Heterogeneous Photocatalysis. Applied Sciences (Switzerland), 2021, 11, 10160.	1.3	11
15	The TiO2-ZnO Systems with Multifunctional Applications in Photoactive Processesâ€”Efficient Photocatalyst under UV-LED Light and Electrode Materials in DSSCs. Materials, 2021, 14, 6063.	1.3	10
16	Enhanced removal of vanadium(V) from acidic streams using binary oxide systems of TiO2-ZrO2 and TiO2-ZnO type. Separation and Purification Technology, 2022, 280, 119916.	3.9	10
17	Influence of MgO-Lignin Dual Component Additives on Selected Properties of Low Density Polyethylene. Polymers, 2020, 12, 1156.	2.0	9
18	Crystallization of TiO2-MoS2 Hybrid Material under Hydrothermal Treatment and Its Electrochemical Performance. Materials, 2020, 13, 2706.	1.3	8

#	Article	IF	Citations
19	The In Situ Hydrothermal and Microwave Syntheses of Zinc Oxides for Functional Cement Composites. Materials, 2022, 15, 1069.	1.3	8
20	Design and Microwave-Assisted Synthesis of TiO2-Lanthanides Systems and Evaluation of Photocatalytic Activity under UV-LED Light Irradiation. Catalysts, 2022, 12, 8.	1.6	8
21	A novel microwave-assisted strategy to fabricate multifunctional photoactive titania-based heterostructures with enhanced activity. Materials Research Bulletin, 2022, 147, 111633.	2.7	6
22	Physicochemical properties of raw starches and their impact on electrochemical activity â€“ Biomolecule-based anode material. Bioelectrochemistry, 2020, 136, 107619.	2.4	5
23	An Active Anode Material Based on Titania and Zinc Oxide Hybrids Fabricated via a Hydrothermal Route: Comprehensive Physicochemical and Electrochemical Evaluations. Journal of the Electrochemical Society, 2018, 165, A3056-A3066.	1.3	3