

# Adam Kubiak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2092659/publications.pdf>

Version: 2024-02-01

23  
papers

575  
citations

758635

12  
h-index

642321

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

643  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced removal of vanadium(V) from acidic streams using binary oxide systems of TiO <sub>2</sub> -ZrO <sub>2</sub> and TiO <sub>2</sub> -ZnO type. Separation and Purification Technology, 2022, 280, 119916.	3.9	10
2	A novel microwave-assisted strategy to fabricate multifunctional photoactive titania-based heterostructures with enhanced activity. Materials Research Bulletin, 2022, 147, 111633.	2.7	6
3	The In Situ Hydrothermal and Microwave Syntheses of Zinc Oxides for Functional Cement Composites. Materials, 2022, 15, 1069.	1.3	8
4	Design and Microwave-Assisted Synthesis of TiO <sub>2</sub> -Lanthanides Systems and Evaluation of Photocatalytic Activity under UV-LED Light Irradiation. Catalysts, 2022, 12, 8.	1.6	8
5	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
6	Controlled microwave-assisted and pH-affected growth of ZnO structures and their photocatalytic performance. Powder Technology, 2021, 386, 221-235.	2.1	22
7	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
8	The TiO <sub>2</sub> -ZnO Systems with Multifunctional Applications in Photoactive Processes – Efficient Photocatalyst under UV-LED Light and Electrode Materials in DSSCs. Materials, 2021, 14, 6063.	1.3	10
9	Application of Spinel and Hexagonal Ferrites in Heterogeneous Photocatalysis. Applied Sciences (Switzerland), 2021, 11, 10160.	1.3	11
10	Physicochemical properties of raw starches and their impact on electrochemical activity – Biomolecule-based anode material. Bioelectrochemistry, 2020, 136, 107619.	2.4	5
11	Hydrothermally Assisted Fabrication of TiO <sub>2</sub> -Fe <sub>3</sub> O <sub>4</sub> Composite Materials and Their Antibacterial Activity. Materials, 2020, 13, 4715.	1.3	12
12	Synthesis of Titanium Dioxide via Surfactant-Assisted Microwave Method for Photocatalytic and Dye-Sensitized Solar Cells Applications. Catalysts, 2020, 10, 586.	1.6	26
13	Crystallization of TiO <sub>2</sub> -MoS <sub>2</sub> Hybrid Material under Hydrothermal Treatment and Its Electrochemical Performance. Materials, 2020, 13, 2706.	1.3	8
14	Influence of MgO-Lignin Dual Component Additives on Selected Properties of Low Density Polyethylene. Polymers, 2020, 12, 1156.	2.0	9
15	Highly Crystalline TiO <sub>2</sub> -MoO <sub>3</sub> Composite Materials Synthesized via a Template-Assisted Microwave Method for Electrochemical Application. Crystals, 2020, 10, 493.	1.0	18
16	Microwave-assisted synthesis of a TiO <sub>2</sub> -CuO heterojunction with enhanced photocatalytic activity against tetracycline. Applied Surface Science, 2020, 520, 146344.	3.1	106
17	Synthesis of highly crystalline photocatalysts based on TiO <sub>2</sub> and ZnO for the degradation of organic impurities under visible-light irradiation. Adsorption, 2019, 25, 309-325.	1.4	43
18	Hydrothermal-assisted synthesis of highly crystalline titania – copper oxide binary systems with enhanced antibacterial properties. Materials Science and Engineering C, 2019, 104, 109839.	3.8	14

#	ARTICLE	IF	CITATIONS
19	Hydrothermal synthesis of multifunctional TiO <sub>2</sub> -ZnO oxide systems with desired antibacterial and photocatalytic properties. <i>Applied Surface Science</i> , 2019, 463, 791-801.	3.1	64
20	The controlled oxidation of kraft lignin in mild conditions using ionic liquid as a crucial point in fabrication of antibacterial hybrid materials. <i>Journal of Molecular Liquids</i> , 2019, 274, 370-378.	2.3	18
21	Titania-Based Hybrid Materials with ZnO, ZrO <sub>2</sub> and MoS <sub>2</sub> : A Review. <i>Materials</i> , 2018, 11, 2295.	1.3	49
22	An Active Anode Material Based on Titania and Zinc Oxide Hybrids Fabricated via a Hydrothermal Route: Comprehensive Physicochemical and Electrochemical Evaluations. <i>Journal of the Electrochemical Society</i> , 2018, 165, A3056-A3066.	1.3	3
23	TiO <sub>2</sub> -ZnO Binary Oxide Systems: Comprehensive Characterization and Tests of Photocatalytic Activity. <i>Materials</i> , 2018, 11, 841.	1.3	97