

Konrad Trzcina,ski

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

294
citations

933447

10
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible light activity of pulsed layer deposited BiVO ₄ /MnO ₂ films decorated with gold nanoparticles: The evidence for hydroxyl radicals formation. <i>Applied Surface Science</i> , 2016, 385, 199-208.	6.1	62
2	UV-Vis-Induced Degradation of Phenol over Magnetic Photocatalysts Modified with Pt, Pd, Cu and Au Nanoparticles. <i>Nanomaterials</i> , 2018, 8, 28.	4.1	60
3	The influence of photointercalation and photochromism effects on the photocatalytic properties of electrochemically obtained maze-like MoO ₃ microstructures. <i>Separation and Purification Technology</i> , 2018, 197, 382-387.	7.9	19
4	Diatoms Biomass as a Joint Source of Biosilica and Carbon for Lithium-Ion Battery Anodes. <i>Materials</i> , 2020, 13, 1673.	2.9	18
5	An Easy and Ecological Method of Obtaining Hydrated and Non-Crystalline WO ₃ ·xH ₂ O for Application in Supercapacitors. <i>Materials</i> , 2020, 13, 1925.	2.9	12
6	Micropatterning of BiVO ₄ Thin Films Using Laser-Induced Crystallization. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500509.	3.7	11
7	Optical and photoelectrochemical characterization of pulsed laser deposited Bi ₄ V ₂ O ₁₁ , BiCuVOX, and BiZnVOX. <i>Thin Solid Films</i> , 2017, 638, 251-257.	1.8	11
8	Enhanced Charge Storage Mechanism and Long-Term Cycling Stability in Diamondized Titania Nanocomposite Supercapacitors Operating in Aqueous Electrolytes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15698-15712.	3.1	11
9	Determination of Chemical Diffusion Coefficient of Lithium Ions in Ceramics Derived from Pyrolysed Poly(1,2-dimethylsilazane) and Starch. <i>Procedia Engineering</i> , 2014, 98, 8-13.	1.2	10
10	Electrochemical characterization of a composite comprising PEDOT/PSS and N doped TiO ₂ performed in aqueous and non-aqueous electrolytes. <i>Synthetic Metals</i> , 2015, 209, 399-404.	3.9	10
11	An Aqueous Exfoliation of WO ₃ as a Route for Counterions Fabrication—Improved Photocatalytic and Capacitive Properties of Polyaniline/WO ₃ Composite. <i>Materials</i> , 2020, 13, 5781.	2.9	10
12	Improving the Performance of a Graphite Foil/Polyaniline Electrode Material by a Thin PEDOT:PSS Layer for Application in Flexible, High Power Supercapacitors. <i>Materials</i> , 2020, 13, 5791.	2.9	10
13	SnO ₂ nanoparticles embedded onto MoS ₂ nanoflakes - An efficient catalyst for photodegradation of methylene blue and photoreduction of hexavalent chromium. <i>Electrochimica Acta</i> , 2022, 414, 140173.	5.2	10
14	Pulsed Laser Deposition of Bismuth Vanadate Thin Films—The Effect of Oxygen Pressure on the Morphology, Composition, and Photoelectrochemical Performance. <i>Materials</i> , 2020, 13, 1360.	2.9	8
15	Investigation of poly(3,4-ethylenedioxythiophene) deposition method influence on properties of ion-selective electrodes based on bis(benzo-15-crown-5) derivatives. <i>Electrochimica Acta</i> , 2017, 246, 424-432.	5.2	7
16	Tin Oxide Encapsulated into Pyrolyzed Chitosan as a Negative Electrode for Lithium Ion Batteries. <i>Materials</i> , 2021, 14, 1156.	2.9	7
17	Widening of the electroactivity potential range by composite formation—capacitive properties of TiO ₂ /BiVO ₄ /PEDOT:PSS electrodes in contact with an aqueous electrolyte. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 483-493.	2.8	6
18	Scaling Up the Process of Titanium Dioxide Nanotube Synthesis and Its Effect on Photoelectrochemical Properties. <i>Materials</i> , 2021, 14, 5686.	2.9	6

#	ARTICLE	IF	CITATIONS
19	Insight into Potassium Vanadates as Visible-Light-Driven Photocatalysts: Synthesis of V(IV)-Rich Nano/Microstructures for the Photodegradation of Methylene Blue. <i>Inorganic Chemistry</i> , 2022, 61, 9433-9444.	4.0	4
20	Electrochemical Activity of Electrode Material Consisting of Porous Copper and Silica Aerogel. <i>Procedia Engineering</i> , 2014, 98, 42-45.	1.2	2