

Ahed Zyoud

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,146
citations

361413

20
h-index

414414

32
g-index

50
all docs

50
docs citations

50
times ranked

1218
citing authors

#	ARTICLE	IF	CITATIONS
1	CdS-sensitized TiO ₂ in phenazopyridine photo-degradation: Catalyst efficiency, stability and feasibility assessment. <i>Journal of Hazardous Materials</i> , 2010, 173, 318-325.	12.4	144
2	Kaolin-supported ZnO nanoparticle catalysts in self-sensitized tetracycline photodegradation: Zero-point charge and pH effects. <i>Applied Clay Science</i> , 2019, 182, 105294.	5.2	97
3	Alternative natural dyes in water purification: Anthocyanin as TiO ₂ -sensitizer in methyl orange photo-degradation. <i>Solid State Sciences</i> , 2011, 13, 1268-1275.	3.2	81
4	Optimizing photo-mineralization of aqueous methyl orange by nano-ZnO catalyst under simulated natural conditions. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 46.	3.0	62
5	Removal of acetaminophen from water by simulated solar light photodegradation with ZnO and TiO ₂ nanoparticles: Catalytic efficiency assessment for future prospects. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104038.	6.7	46
6	CdS/FTO thin film electrodes deposited by chemical bath deposition and by electrochemical deposition: A comparative assessment of photo-electrochemical characteristics. <i>Solid State Sciences</i> , 2013, 18, 83-90.	3.2	45
7	Pristine and supported ZnO-based catalysts for phenazopyridine degradation with direct solar light. <i>Solid State Sciences</i> , 2010, 12, 578-586.	3.2	42
8	Natural dye-sensitized ZnO nano-particles as photo-catalysts in complete degradation of E. coli bacteria and their organic content. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 328, 207-216.	3.9	42
9	Self-sensitization of tetracycline degradation with simulated solar light catalyzed by ZnO@montmorillonite. <i>Solid State Sciences</i> , 2017, 74, 131-143.	3.2	39
10	Coronavirus disease-19 in environmental fields: a bibliometric and visualization mapping analysis. <i>Environment, Development and Sustainability</i> , 2021, 23, 8895-8923.	5.0	34
11	Effect of cooling rate of pre-annealed CdS thin film electrodes prepared by chemical bath deposition: Enhancement of photoelectrochemical characteristics. <i>Electrochimica Acta</i> , 2009, 54, 3433-3440.	5.2	33
12	Numerical Modeling of High Conversion Efficiency FTO/ZnO/CdS/CZTS/MO Thin Film-Based Solar Cells: Using SCAPS-1D Software. <i>Crystals</i> , 2021, 11, 1468.	2.2	29
13	Solid olive waste in environmental cleanup: Enhanced nitrite ion removal by ZnCl ₂ -activated carbon. <i>Journal of Environmental Management</i> , 2015, 152, 27-35.	7.8	26
14	Raw clay supported ZnO nanoparticles in photodegradation of 2-chlorophenol under direct solar radiations. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104227.	6.7	26
15	Combined electrochemical/chemical bath depositions to prepare CdS film electrodes with enhanced PEC characteristics. <i>Journal of Electroanalytical Chemistry</i> , 2013, 707, 117-121.	3.8	25
16	Copper selenide film electrodes prepared by combined electrochemical/chemical bath depositions with high photo-electrochemical conversion efficiency and stability. <i>Solid State Sciences</i> , 2018, 75, 53-62.	3.2	23
17	Numerical Modelling Analysis for Carrier Concentration Level Optimization of CdTe Heterojunction Thin Film-Based Solar Cell with Different Non-Toxic Metal Chalcogenide Buffer Layers Replacements: Using SCAPS-1D Software. <i>Crystals</i> , 2021, 11, 1454.	2.2	23
18	Breast Milk Lead Levels in 3 Major Regions of the West Bank of Palestine. <i>Journal of Human Lactation</i> , 2016, 32, 455-461.	1.6	22

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19	Aqueous nitrate ion adsorption/desorption by olive solid waste-based carbon activated using ZnCl ₂ . Sustainable Chemistry and Pharmacy, 2020, 18, 100335.	3.3	22
20	Enhancement of CdSe film electrode PEC characteristics by metalloporphyrin/polysiloxane matrices. Electrochimica Acta, 2014, 136, 138-145.	5.2	21
21	High PEC conversion efficiencies from CuSe film electrodes modified with metalloporphyrin/polyethylene matrices. Electrochimica Acta, 2015, 174, 472-479.	5.2	20
22	ZnO nanoparticles in complete photo-mineralization of aqueous gram negative bacteria and their organic content with direct solar light. Solar Energy Materials and Solar Cells, 2017, 168, 30-37.	6.2	19
23	Anthocyanin-Sensitized TiO ₂ Nanoparticles for Phenazopyridine Photodegradation under Solar Simulated Light. Journal of Nanomaterials, 2018, 2018, 1-14.	2.7	19
24	Enhanced PEC characteristics for CdSe polycrystalline film electrodes prepared by combined electrochemical/chemical bath depositions. Journal of Electroanalytical Chemistry, 2016, 774, 7-13.	3.8	18
25	Highly active and selective catalysts for olefin hydrosilylation reactions using metalloporphyrins intercalated in natural clays. Reaction Chemistry and Engineering, 2016, 1, 194-203.	3.7	17
26	Direct sunlight-driven degradation of 2-chlorophenol catalyzed by kaolinite-supported ZnO. International Journal of Environmental Science and Technology, 2019, 16, 6267-6276.	3.5	17
27	Enhanced PEC characteristics of pre-annealed CuS film electrodes by metalloporphyrin/polymer matrices. Solar Energy Materials and Solar Cells, 2016, 144, 429-437.	6.2	16
28	Solar light-driven complete mineralization of aqueous gram-positive and gram-negative bacteria with ZnO photocatalyst. Solar Energy, 2019, 180, 351-359.	6.1	14
29	Recycled polycrystalline CdS film electrodes with enhanced photo-electrochemical characteristics. Materials Science in Semiconductor Processing, 2018, 74, 277-283.	4.0	13
30	Optical properties and photoactivity of carbon nanodots synthesized from olive solid wastes at different carbonization temperatures. RSC Advances, 2022, 12, 4490-4500.	3.6	12
31	Effects of annealing temperature and cooling rate on photo-electrochemical performance of pristine polycrystalline metal-chalcogenide film electrodes. Solar Energy, 2019, 183, 704-715.	6.1	10
32	Salivary Lead Levels among Workers in Different Industrial Areas in the West Bank of Palestine: a Cross-Sectional Study. Biological Trace Element Research, 2021, 199, 4410-4417.	3.5	10
33	Modes of tetra(4-pyridyl)porphyrinatomanganese(III) ion intercalation inside natural clays. Chemistry Central Journal, 2016, 10, 12.	2.6	8
34	Photocatalytic degradation of phenazopyridine contaminant in soil with direct solar light. Environmental Technology (United Kingdom), 2019, 40, 2928-2939.	2.2	8
35	Blood zinc levels in nursing women from different regions of the West Bank of Palestine. Women and Health, 2018, 58, 822-833.	1.0	6
36	Electrochemically and chemically deposited polycrystalline CdSe electrodes with high photoelectrochemical performance by recycling from waste films. Materials Science in Semiconductor Processing, 2020, 107, 104852.	4.0	6

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37	Charge transfer catalysis at solid/liquid interface in photoelectrochemical processes: Enhancement of polycrystalline film electrode stability and performance. <i>Solar Energy</i> , 2020, 197, 443-454.	6.1	6
38	Self-assembly of diclofenac prodrug into nanomicelles for enhancing the anti-inflammatory activity. <i>RSC Advances</i> , 2021, 11, 22433-22438.	3.6	6
39	ZnO-Based Catalyst for Photodegradation of 2-Chlorophenol in Aqueous Solution Under Simulated Solar Light Using a Continuous Flow Method. <i>Jom</i> , 2021, 73, 404-410.	1.9	5
40	Mapping environmental impact assessment research landscapes in the Arab world using visualization and bibliometric techniques. <i>Environmental Science and Pollution Research</i> , 2021, 28, 22179-22202.	5.3	5
41	Curcumin-sensitized anatase TiO ₂ nanoparticles for photodegradation of methyl orange with solar radiation. , 2013, , .		4
42	Enhancement of electrochemically deposited pristine CdTe film electrode photoelectrochemical characteristics by annealing temperature and cooling rate. <i>Optik</i> , 2019, 197, 163220.	2.9	4
43	Physical and chemical behaviour of Nabali Mohassan single-cultivar olive oil during prolonged storage. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 2757-2762.	3.5	4
44	Sub-chronic treatment with high doses of ascorbic acid reduces lead levels in hen eggs intentionally exposed to a concentrated source of lead: a pilot study. <i>BMC Pharmacology & Toxicology</i> , 2020, 21, 17.	2.4	4
45	Zinc Oxide in Photocatalytic Removal of Staphylococcus aureus and Klebsiella pneumoniae from Water with Ultraviolet and Visible Solar Radiations. <i>Jom</i> , 2021, 73, 420-431.	1.9	4
46	Evaluating Solubility of Celecoxib in Age-Appropriate Fasted- and Fed-State Gastric and Intestinal Biorelevant Media Representative of Adult and Pediatric Patients: Implications on Future Pediatric Biopharmaceutical Classification System. <i>AAPS PharmSciTech</i> , 2021, 22, 84.	3.3	4
47	Effective and selective electroreduction of aqueous nitrate catalyzed by copper particles on multi-walled carbon nanotubes. <i>Journal of Environmental Management</i> , 2022, 305, 114420.	7.8	2
48	Fungus-based bioremediation of olive mill wastewater and potential use in horticulture. <i>Water and Environment Journal</i> , 0, , .	2.2	2
49	Combined electrochemical-chemical bath deposited metal selenide nano-film electrodes with high photo-electrochemical characteristics. , 2018, , .		1
50	Lead in breastmilk samples from women living in the West Bank: a cross-sectional study. <i>Lancet</i> , The, 2018, 391, S29.	13.7	0