

Abdullah A Al-Kahtani

List of Publications by Year in descending order

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29
papers

898
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687363

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526287

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all docs

30
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30
times ranked

906
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Adsorption of Lead (II) from Aqueous Phase Solutions Using Polypyrrole-Based Activated Carbon. <i>Materials</i> , 2019, 12, 2020.	2.9	155
2	Statistical modeling and mechanistic pathway for methylene blue dye removal by high surface area and mesoporous grass-based activated carbon using K ₂ CO ₃ activator. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105530.	6.7	130
3	Adsorptional-photocatalytic removal of fast sulphon black dye by using chitin-cl-poly(itaconic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2021, 416, 125714.	12.4	102
4	Fabrication of highly porous N/S doped carbon embedded with ZnS as highly efficient photocatalyst for degradation of bisphenol. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 415-423.	7.5	76
5	High Stability and Long Cycle Life of Rechargeable Sodium-Ion Battery Using Manganese Oxide Cathode: A Combined Density Functional Theory (DFT) and Experimental Study. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 11433-11441.	8.0	67
6	Adsorption of Azo Dye Methyl Orange from Aqueous Solutions Using Alkali-Activated Polypyrrole-Based Graphene Oxide. <i>Molecules</i> , 2019, 24, 3685.	3.8	51
7	Bio-inspired ZnO NPs synthesized from Citrus sinensis peels extract for Congo red removal from textile wastewater via photocatalysis: Optimization, mechanisms, techno-economic analysis. <i>Chemosphere</i> , 2021, 281, 130661.	8.2	51
8	Photocatalytic degradation of Maxilon C.I. basic dye using CS/CoFe ₂ O ₄ /GONCs as a heterogeneous photo-Fenton catalyst prepared by gamma irradiation. <i>Journal of Hazardous Materials</i> , 2016, 309, 10-19.	12.4	48
9	Adsorptive performance of aminoterephthalic acid modified oxidized activated carbon for malachite green dye: mechanism, kinetic and thermodynamic studies. <i>Separation Science and Technology</i> , 2021, 56, 835-846.	2.5	47
10	Synthesis of chemically modified BisGMA analog with low viscosity and potential physical and biological properties for dental resin composite. <i>Dental Materials</i> , 2019, 35, 1532-1544.	3.5	30
11	New Monomer Based on Eugenol Methacrylate, Synthesis, Polymerization and Copolymerization with Methyl Methacrylate—Characterization and Thermal Properties. <i>Polymers</i> , 2020, 12, 160.	4.5	25
12	Bismuth-Doped Nano Zerovalent Iron: A Novel Catalyst for Chloramphenicol Degradation and Hydrogen Production. <i>ACS Omega</i> , 2020, 5, 30610-30624.	3.5	24
13	Influence of Different Rotations of Organic Formamidinium Molecule on Electronic and Optical Properties of FAPbBr ₃ Perovskite. <i>Coatings</i> , 2021, 11, 1341.	2.6	21
14	MXene/Ag ₂ CrO ₄ Nanocomposite as Supercapacitors Electrode. <i>Materials</i> , 2021, 14, 6008.	2.9	13
15	Synthesis of Cr doped LiMnPO_4 cathode materials and investigation of their dielectric properties. <i>International Journal of Energy Research</i> , 2022, 46, 810-821.	4.5	8
16	Eugenyl-2-Hydroxypropyl Methacrylate-Incorporated Experimental Dental Composite: Degree of Polymerization and In Vitro Cytotoxicity Evaluation. <i>Polymers</i> , 2022, 14, 277.	4.5	7
17	Viscosity, Degree of Polymerization, Water Uptake, and Water Solubility Studies on Experimental Dichloro-BisGMA-Based Dental Composites. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3577.	2.5	6
18	Water Sorption, Water Solubility, and Rheological Properties of Resin-Based Dental Composites Incorporating Immobilizable Eugenol-Derivative Monomer. <i>Polymers</i> , 2022, 14, 366.	4.5	6

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19	Electrocatalytic Determination of Hydroxychloroquine Using Sodium Dodecyl Sulphate Modified Carbon Nanotube Paste Electrode. <i>Topics in Catalysis</i> , 2022, , 1-9.	2.8	5
20	Homo-“hetero/core”-shell structure design strategy of NaYF ₄ nanocrystals for superior upconversion luminescence. <i>RSC Advances</i> , 2021, 11, 20746-20751.	3.6	4
21	Synthesis and characterization of Bi-doped antimony sulphide thin films for solar absorption applications. <i>Physica B: Condensed Matter</i> , 2021, 619, 413196.	2.7	4
22	Electro-Oxidation of Metal Oxide-Fabricated Graphitic Carbon Nitride for Hydrogen Production via Water Splitting. <i>Coatings</i> , 2022, 12, 548.	2.6	4
23	Sonochemically Prepared GdWNFs/CNFs Nanocomposite as an Electrode Material for the Electrochemical Detection of Antibiotic Drug in Water Bodies. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 2482-2491.	3.7	3
24	A Study and Comparison of the Preparation of Gadolinium Aluminate Nanoparticles Using γ -Irradiated and Unirradiated Precursors. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-6.	1.8	2
25	Electroanalysis of Epinephrine using Polymerized Carbon Nanotube Composite Sensor. <i>Topics in Catalysis</i> , 0, , 1.	2.8	2
26	Electrochemical Determination of Riboflavin using a Poly(Titan Yellow) Modified Carbon Nanotube Paste Electrode in the Presence of Dopamine. <i>ChemistrySelect</i> , 2022, 7, .	1.5	2
27	Activated carbon supported Co _{1.5} PW ₁₂ O ₄₀ as efficient catalyst for the production of 1, 2 cyclohexane diol by oxidation of cyclohexene with H ₂ O ₂ in the presence of CO ₂ . <i>Green Chemistry Letters and Reviews</i> , 2020, 13, 265-274.	4.7	1
28	Non Isothermal Crystallization Kinetics and Isothermal Decomposition of		