

Faisal K Algethami

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

307
citations

759233

12
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile fabrication of novel analcime/sodium aluminum silicate hydrate and zeolite Y/faujasite mesoporous nanocomposites for efficient removal of Cu(II) and Pb(II) ions from aqueous media. <i>Journal of Materials Research and Technology</i> , 2020, 9, 7900-7914.	5.8	49
2	Facile Hydrothermal Fabrication of Analcime and Zeolite X for Efficient Removal of Cd(II) Ions From Aqueous Media and Polluted Water. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 4117-4128.	3.7	26
3	Facile synthesis of novel zinc sulfide/chitosan composite for efficient photocatalytic degradation of acid brown 5G and acid black 2BNG dyes. <i>AEJ - Alexandria Engineering Journal</i> , 2021, 60, 2167-2178.	6.4	26
4	Impact of Hibiscus extract on the structural and activity of sonochemically fabricated ZnO nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 390, 112263.	3.9	18
5	Ultra-sensitive p-nitrophenol sensing performances based on various Ag ₂ O conjugated carbon material composites. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2017, 8, 73-82.	2.9	17
6	Application of Bi ₁₂ ZnO ₂₀ Sillenite as an Efficient Photocatalyst for Wastewater Treatment: Removal of Both Organic and Inorganic Compounds. <i>Materials</i> , 2021, 14, 5409.	2.9	17
7	Comparative performance of hydrazine sensors developed with Mn ₃ O ₄ /carbon-nanotubes, Mn ₃ O ₄ /graphene-oxides and Mn ₃ O ₄ /carbon-black nanocomposites. <i>Materials Express</i> , 2017, 7, 169-179.	0.5	16
8	Green synthesis of colloid metal oxide nanoparticles using <i>Cynomorium coccineum</i> : Application for printing cotton and evaluation of the antimicrobial activities. <i>Materials Chemistry and Physics</i> , 2020, 249, 123171.	4.0	16
9	Trifluoromethylated Flavonoid-Based Isoxazoles as Antidiabetic and Anti-Obesity Agents: Synthesis, In Vitro α -Amylase Inhibitory Activity, Molecular Docking and Structure-Activity Relationship Analysis. <i>Molecules</i> , 2021, 26, 5214.	3.8	16
10	Sequential liquid-liquid extraction coupled to LC-MS/MS for simultaneous determination of amlodipine, olmesartan and hydrochlorothiazide in plasma samples: Application to pharmacokinetic studies. <i>Microchemical Journal</i> , 2020, 155, 104757.	4.5	15
11	An Acetylcholinesterase Inhibition-Based Biosensor for Aflatoxin B1 Detection Using Sodium Alginate as an Immobilization Matrix. <i>Toxins</i> , 2020, 12, 173.	3.4	13
12	Xanthine sensor development based on ZnO@CNT, ZnO@CB, ZnO@GO and ZnO nanoparticles: an electrochemical approach. <i>New Journal of Chemistry</i> , 2017, 41, 6262-6271.	2.8	12
13	Chemical fingerprinting and quantitative monitoring of the doping drugs bambuterol and terbutaline in human urine samples using ATR-FTIR coupled with a PLSR chemometric tool. <i>RSC Advances</i> , 2020, 10, 7146-7154.	3.6	12
14	Facile Hydrothermal Procedure for the Synthesis of Sodium Aluminum Silicate Hydrate/Analcime and Analcime for Effective Removal of Manganese(II) Ions From Aqueous Solutions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1035-1046.	3.7	10
15	Upscaling feasibility of a graphite-based truncated conical microbial fuel cell for bioelectrogenesis through organic wastewater treatment. <i>Journal of Colloid and Interface Science</i> , 2020, 570, 99-108.	9.4	8
16	Studying some analytical parameters affecting the removal of Mn(II) ions from aqueous media using facilely synthesised analcime. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-12.	3.3	8
17	Facile hydrothermal synthesis of glutamine-assisted tin oxide nanorods for efficient photocatalytic degradation of crystal violet dye. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 7647-7658.	3.3	7
18	Facile Synthesis of Magnesium Oxide Nanoparticles for Studying Their Photocatalytic Activities Against Orange G Dye and Biological Activities Against Some Bacterial and Fungal Strains. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 2150-2160.	3.7	6

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19	Photocatalytic Activity of Silicon Nanowires Decorated with PbS Nanoparticles Deposited by Pulsed Laser Deposition for Efficient Wastewater Treatment. <i>Materials</i> , 2022, 15, 4970.	2.9	6
20	Design, Microwave-Assisted Synthesis and In Silico Prediction Study of Novel Isoxazole Linked Pyranopyrimidinone Conjugates as New Targets for Searching Potential Anti-SARS-CoV-2 Agents. <i>Molecules</i> , 2021, 26, 6103.	3.8	5
21	An Internal Standard High-Performance Liquid Chromatography Method for Simultaneous Quantification of Candesartan and Hydrochlorothiazide in Combined Formulations. <i>Oriental Journal of Chemistry</i> , 2021, 37, 1077-1082.	0.3	4