Mehrorang Ghaedi

List of Publications by Year
in descending order

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398 papers	24,474 citations	4658 85 h-index	14208 128 g-index
401 all docs	401 docs citations	401 times ranked	15266 citing authors

#	Article	IF	Citations
1	Designing, modelling, and optimising amido black and Eosin B dyes adsorption on MWCNT/ZrO ₂ /Pb nanocomposites from aqueous solution by response surface methodology. International Journal of Environmental Analytical Chemistry, 2023, 103, 8032-8050.	3.3	2
2	Application of Terminalia catappa wood-based activated carbon modified with CuO nanostructures coupled with H2O2 for the elimination of chemical oxygen demand in the gas refinery. Journal of Nanostructure in Chemistry, 2022, 12, 159-177.	9.1	3
3	Experimental design for the optimization of paraquat removal from aqueous media using a fixed-bed column packed with Pinus Eldarica stalks activated carbon. Chemosphere, 2022, 291, 132670.	8.2	12
4	Nanofibers based quaternary CeO2/Co3O4/Ag/Ag3PO4 S-scheme heterojunction photocatalyst with enhanced degradation of organic dyes. Materials Research Bulletin, 2022, 147, 111629.	5.2	46
5	Spinning disc photoreactor based visible-light-driven Ag/Ag2O/TiO2 heterojunction photocatalyst film toward the degradation of amoxicillin. Journal of Environmental Management, 2022, 303, 114216.	7.8	16
6	Adsorption of the azo dyes from wastewater media by a renewable nanocomposite based on the graphene sheets and hydroxyapatite/ZnO nanoparticles. Journal of Molecular Liquids, 2022, 350, 118568.	4.9	26
7	Magnetic Ag3PO4/Ag2CrO4/Fe/Fe3O4 quaternary composite for improved solar-driven photocatalytic degradation of cationic dyes under natural solar radiation. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 428, 113856.	3.9	4
8	Cytotoxic Effect of Podophyllotoxin-Loaded Magnetic Nanoparticles on Proliferation of Colorectal (HT-29) and Breast (MCF-7) Cancer Cell Lines. Current Nanomaterials, 2022, 07, .	0.4	0
9	A review on corona virus disease 2019 (COVID-19): current progress, clinical features and bioanalytical diagnostic methods. Mikrochimica Acta, 2022, 189, 103.	5.0	22
10	Synthesis and Characterization of Photoâ€catalyst Ag ₂ S/WO ₃ and its Application for Crystal Violet Degradation in the Aqueous Medium. ChemistrySelect, 2022, 7, .	1.5	0
11	Molecular Imprinted Poly(2,5-benzimidazole)-Modified VO₂â€“CuWO₄ Homotype Heterojunction for Photoelectrochemical Dopamine Sensing. Analytical Chemistry, 2022, 94, 6781-6790.	6.5	35
12	Electrocatalytic membrane containing CuFeO2/nanoporous carbon for organic dye removal application. Chemical Engineering Research and Design, 2022, 183, 345-356.	5.6	5
13	Processing Guar Gum into polyester fabric based promising mixed matrix membrane for water treatment. Carbohydrate Polymers, 2021, 254, 116806.	10.2	19
14	Nano-sized FeO@SiO-molecular imprinted polymer as a sorbent for dispersive solid-phase microextraction of melatonin in the methanolic extract of , biological, and water samples. Talanta, 2021, 221, 121620.	5.5	67
15	Simultaneous selective enrichment of methylparaben, propylparaben, and butylparaben from cosmetics samples based on syringe-to-syringe magnetic fluid phase microextraction. Talanta, 2021, 221, 121547.	5.5	30
16	DFNS/PEI/Cu Nanocatalyst for Reduction of Nitro-aromatic Compounds. Catalysis Letters, 2021, 151, 1653-1662.	2.6	8
17	Photoelectro-Fenton/photocatalytic process for decolorization of an organic compound by Ag:Cd-1,4-BDOAH2 nano-photocatalyst: Response surface modeling and central composite design optimization. Journal of Molecular Liquids, 2021, 335, 113689.	4.9	10
18	Robust charge carrier by Fe3O4 in Fe3O4/WO3 core-shell photocatalyst loaded on UiO-66(Ti) for urea photo-oxidation. Chemosphere, 2021, 267, 129206.	8.2	16

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19	Fe3O4-FeMoS4: Promise magnetite LDH-based adsorbent for simultaneous removal of Pb (II), Cd (II), and Cu (II) heavy metal ions. Journal of Hazardous Materials, 2021, 410, 124560.	12.4	113
20	Current heterogeneous catalytic processes for environmental remediation of air, water, and soil. Interface Science and Technology, 2021, , 443-498.	3.3	0
21	Photocatalytic activity based on electrospun nanofibers. Interface Science and Technology, 2021, 32, 625-672.	3.3	8
22	Design of active photocatalysts and visible light photocatalysis. Interface Science and Technology, 2021, 32, 557-623.	3.3	16
23	Biosorption. Interface Science and Technology, 2021, , 587-628.	3.3	12
24	Carbon based materials: a review of adsorbents for inorganic and organic compounds. Materials Advances, 2021, 2, 598-627.	5.4	232
25	Adsorption performance of calcined copper-aluminum layered double hydroxides/CNT/PVDF composite films toward removal of carminic acid. Journal of Molecular Liquids, 2021, 329, 115558.	4.9	18
26	Hierarchical Fe₂O₃/Na₂WO₄ Nanofibers Supported on Conductive Carbon Cloth as a High-Performance Supercapacitor. Energy & Fuels, 2021, 35, 11551-11562.	5.1	13
27	Highly selective MXene/V2O5/CuWO4-based ultra-sensitive room temperature ammonia sensor. Journal of Hazardous Materials, 2021, 416, 126196.	12.4	36
28	Highly selective magnetic dual template molecularly imprinted polymer for simultaneous enrichment of sulfadiazine and sulfathiazole from milk samples based on syringeâ€“toâ€“syringe magnetic solidâ€“phase microextraction. Talanta, 2021, 232, 122449.	5.5	39
29	Gold anchoring to CuFe2F8(H2O)2 oxyfluoride for robust sono-photodegradation of Rhodamine-B. Journal of Cleaner Production, 2021, 313, 127916.	9.3	24
30	Adsorption of nalidixic acid antibiotic using a renewable adsorbent based on Graphene oxide from simulated wastewater. Journal of Environmental Chemical Engineering, 2021, 9, 105975.	6.7	29
31	Hydrophilic magnetic molecularly imprinted resin in PVDF membrane for efficient selective removal of dye. Journal of Environmental Management, 2021, 300, 113707.	7.8	25
32	Photocatalytic Activity of Supported Metal Nanoparticles and Single Atoms. Chemistry - A European Journal, 2021, 27, 17999-18014.	3.3	5
33	Recent Advances in Carbon Nanostructure-Based Electrochemical Biosensors for Environmental Monitoring. Critical Reviews in Analytical Chemistry, 2021, , 1-17.	3.5	1
34	Frontispiece: Photocatalytic Activity of Supported Metal Nanoparticles and Single Atoms. Chemistry - A European Journal, 2021, 27, .	3.3	0
35	Hydrophilic polymeric membrane supported on silver nanoparticle surface decorated polyester textile: Toward enhancement of water flux and dye removal. Chinese Journal of Chemical Engineering, 2020, 28, 901-912.	3.5	12
36	Colorimetric determination of F-, Br- and I- ions by Ehrlichâ€™s bio-reagent oxidation over enzyme mimic like gold nanoparticles: Peroxidase-like activity and multivariate optimization. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 226, 117606.	3.9	14

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37	A ferrofluidic hydrophobic deep eutectic solvent for the extraction of doxycycline from urine, blood plasma and milk samples prior to its determination by high-performance liquid chromatography-ultraviolet. Journal of Chromatography A, 2020, 1613, 460695.	3.7	66
38	Preparation, Characterization and First Application of Graphene Oxideâ€Metforminâ€Nickel for the Suzuki Crossâ€Coupling Reaction. ChemistrySelect, 2020, 5, 211-217.	1.5	13
39	Experimental study and modeling of in vitro agrochemicals release from nanoporous anodic alumina. Chemical Papers, 2020, 74, 1997-2009.	2.2	10
40	Ag2C2O4 /Ag3PO4 composites as efficient photocatalyst for solar light driven degradation of dyes pollutants. Solid State Sciences, 2020, 109, 106390.	3.2	10
41	Rapid ultrasoundâ€assisted microextraction of atorvastatin in the sample of blood plasma by nickel metal organic modified with alumina nanoparticles. Journal of Separation Science, 2020, 43, 4469-4479.	2.5	5
42	Degradation of Orange G and Trypan blue using Ag2C2O4/Ag/g-C3N4 composites as efficient photocatalyst under solar irradiation. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 401, 112755.	3.9	16
43	Removal of paraquat from aqueous solutions by a bentonite modified zero-valent iron adsorbent. New Journal of Chemistry, 2020, 44, 13368-13376.	2.8	39
44	Effects of drought stress and superabsorbent polymer on morpho-physiological and biochemical traits of Caper (Capparis spinosa L.). Australian Journal of Crop Science, 2020, , 13-20.	0.3	6
45	A dual surface inorganic molecularly imprinted Bi2WO6-CuO/Ag2O heterostructure with enhanced activity-selectivity towards the photocatalytic degradation of target contaminantst. Photochemical and Photobiological Sciences, 2020, 19, 943-955.	2.9	25
46	Corn derivative mesoporous carbon microspheres supported hydrophilic polydopamine for development of new membrane: Water treatment containing bovine serum albumin. Chemosphere, 2020, 259, 127440.	8.2	18
47	L-phenylalanine-imprinted polydopamine-coated CdS/CdSe n-n type II heterojunction as an ultrasensitive photoelectrochemical biosensor for the PKU monitoring. Biosensors and Bioelectronics, 2020, 165, 112346.	10.1	76
48	Enhanced visible light-active CeO₂/CuO/Ag₂CrO₄ ternary heterostructures based on CeO₂/CuO nanofiber heterojunctions for the simultaneous degradation of a binary mixture of dyes. New Journal of Chemistry, 2020, 44, 5033-5048.	2.8	60
49	Developing a new colorimetric bioassay for iodide determination based on gold supported iridium peroxidase catalysts. New Journal of Chemistry, 2020, 44, 5588-5597.	2.8	3
50	Modeling and optimization of ultrasound-assisted high performance adsorption of Basic Fuchsin by starch-capped zinc selenide nanoparticles/AC as a novel composite using response surface methodology. International Journal of Biological Macromolecules, 2020, 152, 913-921.	7.5	47
51	Green preparation of dual-template chitosan-based magnetic water-compatible molecularly imprinted biopolymer. Carbohydrate Polymers, 2020, 236, 116102.	10.2	48
52	UiO-66(Ti)-Fe3O4-WO3 photocatalyst for efficient ammonia degradation from wastewater into continuous flow-loop thin film slurry flat-plate photoreactor. Journal of Hazardous Materials, 2020, 393, 122360.	12.4	74
53	Magnetic metal organic framework for pre-concentration of ampicillin from cow milk samples. Journal of Pharmaceutical Analysis, 2020, 10, 365-375.	5.3	28
54	Electrostatically controlled plasmonic effects of gold nanoparticles with indigo-carmine functionation for rapid and straightforward colorimetric detection of Cu2+ ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 230, 118026.	3.9	17

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55	Hydrogel membranes: A review. Materials Science and Engineering C, 2020, 114, 111023.	7.3	117
56	Magnetic dual-template molecularly imprinted polymer based on syringe-to-syringe magnetic solid-phase microextraction for selective enrichment of p-Coumaric acid and ferulic acid from pomegranate, grape, and orange samples. Food Chemistry, 2020, 325, 126902.	8.2	30
57	Magnetic Cu: CuO-GO nanocomposite for efficient dispersive micro-solid phase extraction of polycyclic aromatic hydrocarbons from vegetable, fruit, and environmental water samples by liquid chromatographic determination. Talanta, 2020, 218, 121131.	5.5	77
58	Construction of molecularly imprinted nanoparticles by employing ultrasound waves for selective determination of doxepin from human plasma samples: Modeling and optimization. Biomedical Chromatography, 2019, 33, e4675.	1.7	10
59	Titanium oxide nanoparticles loaded onto activated carbon prepared from bio-waste watermelon rind for the efficient ultrasonic-assisted adsorption of congo red and phenol red dyes from wastewaters. Polyhedron, 2019, 173, 114105.	2.2	72
60	Synthesis and application of Ce-doped TiO2 nanoparticles loaded on activated carbon for ultrasound-assisted adsorption of Basic Red 46 dye. Ultrasonics Sonochemistry, 2019, 58, 104702.	8.2	78
61	A rapid and efficient sono-chemistry process for removal of pollutant: Statistical modeling study. Polyhedron, 2019, 171, 65-76.	2.2	17
62	Synthesis of chitosan based molecularly imprinted polymer for pipette-tip solid phase extraction of Rhodamine B from chili powder samples. International Journal of Biological Macromolecules, 2019, 139, 40-48.	7.5	47
63	A new electrochemical sensor for simultaneous determination of arbutin and vitamin C based on hydroxyapatite-ZnO-Pd nanoparticles modified carbon paste electrode. Biosensors and Bioelectronics, 2019, 141, 111474.	10.1	45
64	Preparation of hollow porous molecularly imprinted and aluminum(III) doped silica nanospheres for extraction of the drugs valsartan and losartan prior to their quantitation by HPLC. Mikrochimica Acta, 2019, 186, 702.	5.0	30
65	Removal of Malachite Green Dye Using IRMOF-3â€“MWCNT-OHâ€“Pd-NPs as a Novel Adsorbent: Kinetic, Isotherm, and Thermodynamic Studies. Journal of Chemical & Engineering Data, 2019, 64, 4801-4814.	1.9	26
66	Exploration of the adsorption capability by doping Pb@ZnFe2O4 nanocomposites (NCs) for decontamination of dye from textile wastewater. Heliyon, 2019, 5, e02412.	3.2	40
67	Bi₂WO₆/Ag₃PO₄â€“Ag Z-scheme heterojunction as a new plasmonic visible-light-driven photocatalyst: performance evaluation and mechanism study. New Journal of Chemistry, 2019, 43, 1275-1284.	2.8	58
68	DNA-shaped silver(<scp>i</scp>) coordination polymer based micro-solid phase extraction for determination of Amaranth and Brilliant Blue FCF in food and water samples. Analytical Methods, 2019, 11, 618-626.	2.7	8
69	Sonophotocatalytic treatment of rhodamine B using visible-light-driven CeO2/Ag2CrO4 composite in a batch mode based on ribbon-like CeO2 nanofibers via electrospinning. Environmental Science and Pollution Research, 2019, 26, 8050-8068.	5.3	45
70	Effective determination of trace residues of glibenclamide in urine samples using dispersive micro solid-phase extraction and its final detection by chromatographic analysis. Analytical Methods, 2019, 11, 627-634.	2.7	11
71	Visible light-induced photo-degradation of methylene blue by nâ€“p heterojunction CeO2/CuS composite based on ribbon-like CeO2 nanofibers via electrospinning. Polyhedron, 2019, 170, 160-171.	2.2	45
72	Application of hydrophobic deep eutectic solvent as the carrier for ferrofluid: A novel strategy for pre-concentration and determination of mefenamic acid in human urine samples by high performance liquid chromatography under experimental design optimization. Talanta, 2019, 202, 526-530.	5.5	108

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73	Nanoporous solid-state membranes modified with multi-wall carbon nanotubes with anti-biofouling property . International Journal of Nanomedicine, 2019, Volume 14, 1669-1685.	6.7	19
74	Natural Source-Based Graphene as Sensitising Agents for Air Quality Monitoring. Scientific Reports, 2019, 9, 3798.	3.3	32
75	Culture of dental pulp stem cells on nanoporous alumina substrates modified by carbon nanotubes . International Journal of Nanomedicine, 2019, Volume 14, 1907-1918.	6.7	10
76	Electrochemical synthesis of Zn:ZnO/Ni2P and efficient photocatalytic degradation of Auramine O in aqueous solution under multi-variable experimental design optimization. Polyhedron, 2019, 165, 1-8.	2.2	26
77	Photo-Sensitive Pb5S2I6 crystal incorporated polydopamine biointerface coated on nanoporous TiO2 as an efficient signal-on photoelectrochemical bioassay for ultrasensitive detection of Cr(VI) ions. Biosensors and Bioelectronics, 2019, 132, 105-114.	10.1	76
78	Column packing elimination in matrix solid phase dispersion by using water compatible magnetic molecularly imprinted polymer for recognition of melamine from milk samples. Journal of Chromatography A, 2019, 1594, 13-22.	3.7	78
79	Application of Molecularly Imprinted Biomembrane for Advancement of Matrix Solid-Phase Dispersion for Clean Enrichment of Parabens from Powder Sunscreen Samples: Optimization of Chromatographic Conditions and Green Approach. ACS Omega, 2019, 4, 3839-3849.	3.5	49
80	Superhydrophobicâ€“superoleophilic electrospun nanofibrous membrane modified by the chemical vapor deposition of dimethyl dichlorosilane for efficient oilâ€“water separation. Journal of Applied Polymer Science, 2019, 136, 47621.	2.6	24
81	A Bi₂WO₆/Ag₂S/ZnS Z-scheme heterojunction photocatalyst with enhanced visible-light photoactivity towards the degradation of multiple dye pollutants. RSC Advances, 2019, 9, 30100-30111.	3.6	39
82	Optimizing adsorptive removal of malachite green and methyl orange dyes from simulated wastewater by Mnâ€doped CuOâ€Nanoparticles loaded on activated carbon using CCDâ€RSM: Mechanism, regeneration, isotherm, kinetic, and thermodynamic studies. Applied Organometallic Chemistry, 2019, 33, e4768.	3.5	88
83	Dummy molecularly imprinted polymers based on a green synthesis strategy for magnetic solid-phase extraction of acrylamide in food samples. Talanta, 2019, 195, 390-400.	5.5	302
84	Potentiality of white-rot fungi in biosorption of nickel and cadmium: Modeling optimization and kinetics study. Chemosphere, 2019, 216, 124-130.	8.2	62
85	Electrochemical synthesis and efficient photocatalytic degradation of azo dye alizarin yellow R by Cu/CuO nanorods under visible LED light irradiation using experimental design methodology. Polyhedron, 2019, 158, 506-514.	2.2	43
86	Potentiometric Ion-Selective Electrode Based on a New Single Crystal Cadmium(II) Schiff Base Complex for Detection of Fluoride Ion: Central Composite Design Optimization. IEEE Sensors Journal, 2019, 19, 413-425.	4.7	18
87	Removal of methylene blue by silver nanoparticles loaded on activated carbon by an ultrasound-assisted device: optimization by experimental design methodology. Research on Chemical Intermediates, 2018, 44, 2929-2950.	2.7	36
88	Preparation and Characterization of Mn_{0.4}Zn_{0.6}Fe₂O₄ Nanoparticles Supported on Dead Cells of Yarrowia lipolytica as a Novel and Efficient Adsorbent/Biosorbent Composite for the Removal of Azo Food Dyes: Central Composite Design Optimization Study. ACS Sustainable Chemistry and Engineering, 2018, 6, 4549-4563.	6.7	142
89	The Use of Ultrasound in pipetteâ€tip solidâ€phase extraction based on CuS@ZnS@Fe₃O₄â€CNTs for preâ€concentration of tartrazine in water samples. Applied Organometallic Chemistry, 2018, 32, e4274.	3.5	7
90	Sonochemical incorporated of cytosine in Cu-H2bpdc as an antibacterial agent against standard and clinical strains of Proteus mirabilis with rsbA gene. Ultrasonics Sonochemistry, 2018, 44, 223-230.	8.2	15

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91	Electrospinning preparation of NiO/ZnO composite nanofibers for photodegradation of binary mixture of rhodamine B and methylene blue in aqueous solution: Central composite optimization. Applied Organometallic Chemistry, 2018, 32, e4335.	3.5	47
92	Novel visible light-driven Cu-based MOFs/Ag₂O composite photocatalysts with enhanced photocatalytic activity toward the degradation of orange G: their photocatalytic mechanism and optimization study. New Journal of Chemistry, 2018, 42, 9720-9734.	2.8	65
93	Fabrication of size controlled nanocomposite based on zirconium alkoxide for enrichment of Gallic acid in biological and herbal tea samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1087-1088, 14-22.	2.3	4
94	Sonochemical-solvothermal synthesis of guanine embedded copper based metal-organic framework (MOF) and its effect on oprD gene expression in clinical and standard strains of Pseudomonas aeruginosa. Ultrasonics Sonochemistry, 2018, 42, 237-243.	8.2	39
95	Synthesis of Fe3O4@CuS@Ni2P-CNTs magnetic nanocomposite for sonochemical-assisted sorption and pre-concentration of trace Allura Red from aqueous samples prior to HPLC-UV detection: CCD-RSM design. Ultrasonics Sonochemistry, 2018, 44, 240-250.	8.2	76
96	Design a sensitive optical thin film sensor based on incorporation of isonicotinohydrazide derivative in solâ€“gel matrix for determination of trace amounts of copper (II) in fruit juice: Effect of sonication time on immobilization approach. Ultrasonics Sonochemistry, 2018, 42, 723-730.	8.2	9
97	Statistical optimization and modeling approach for azo dye decolorization: Combined effects of ultrasound waves and nanomaterialâ€based adsorbent. Applied Organometallic Chemistry, 2018, 32, e4205.	3.5	30
98	Multiâ€responses optimization of simultaneous adsorption of methylene blue and malachite green dyes in binary aqueous system onto Ni:FeO(OH)â€NWsâ€AC using experimental design: derivative spectrophotometry method. Applied Organometallic Chemistry, 2018, 32, e4148.	3.5	15
99	Fabrication of water-compatible superparamagnetic molecularly imprinted biopolymer for clean separation of baclofen from bio-fluid samples: A mild and green approach. Talanta, 2018, 179, 760-768.	5.5	110
100	A simple approach for the sonochemical loading of Au, Ag and Pd nanoparticle on functionalized MWCNT and subsequent dispersion studies for removal of organic dyes: Artificial neural network and response surface methodology studies. Ultrasonics Sonochemistry, 2018, 42, 422-433.	8.2	36
101	Application of nanostructure ZnLI 2 complex in construction of optical pH sensor. Applied Organometallic Chemistry, 2018, 32, e4143.	3.5	2
102	Optimization of solid phase dispersive fieldâ€assisted ultrasonication for the extraction of auramine O and crystal violet dyes using central composite design. Applied Organometallic Chemistry, 2018, 32, e4181.	3.5	16
103	Ultrasound-accelerated synthesis of gold nanoparticles modified choline chloride functionalized graphene oxide as a novel sensitive bioelectrochemical sensor: Optimized meloxicam detection using CCD-RSM design and application for human plasma sample. Ultrasonics Sonochemistry, 2018, 42, 776-786.	8.2	47
104	Design of novel and modified dual optode membrane based on carbon dots for both ultratrace copper(ii) and cobalt(ii): derivative spectrophotometric and central composite design study. New Journal of Chemistry, 2018, 42, 2590-2604.	2.8	4
105	Ultrasonically synthesis of Mn- and Cu- @ ZnS-NPs-AC based ultrasound assisted extraction procedure and validation of a spectrophotometric method for a rapid preconcentration of Allura Red AC (E129) in food and water samples. Ultrasonics Sonochemistry, 2018, 43, 52-60.	8.2	15
106	Hydrophilic Multitemplate Molecularly Imprinted Biopolymers Based on a Green Synthesis Strategy for Determination of B-Family Vitamins. ACS Applied Materials & Interfaces, 2018, 10, 4140-4150.	8.0	310
107	Synthesis of CuS and ZnO/Zn(OH)₂ nanoparticles and their evaluation for in vitro antibacterial and antifungal activities. Applied Organometallic Chemistry, 2018, 32, e4398.	3.5	15
108	Cu- and S- @SnO2 nanoparticles loaded on activated carbon for efficient ultrasound assisted dispersive ÂµSPE-spectrophotometric detection of quercetin in Nasturtium officinale extract and fruit juice samples: CCD-RSM design. Ultrasonics Sonochemistry, 2018, 47, 1-9.	8.2	73

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109	A rapid and efficient sonophotocatalytic process for degradation of pollutants: Statistical modeling and kinetics study. Journal of Molecular Liquids, 2018, 261, 291-302.	4.9	29
110	Synthesis of CuS nanoparticles loaded on activated carbon composite for ultrasoundâ€assisted adsorption removal of dye pollutants: Process optimization using CCDâ€RSM, equilibrium and kinetic studies. Applied Organometallic Chemistry, 2018, 32, e4350.	3.5	14
111	Application of copper sulfide nanoparticles loaded activated carbon for simultaneous adsorption of ternary dyes: Response surface methodology. Korean Journal of Chemical Engineering, 2018, 35, 1108-1118.	2.7	8
112	Ultrasound wave assisted adsorption of congo red using gold-magnetic nanocomposite loaded on activated carbon: Optimization of process parameters. Ultrasonics Sonochemistry, 2018, 46, 99-105.	8.2	100
113	Simultaneous removal of Cu²⁺ and Cr³⁺ ions from aqueous solution based on Complexation with Eriochrome cyanineâ€R and derivative spectrophotometric method. Applied Organometallic Chemistry, 2018, 32, e3918.	3.5	11
114	Isotherms and kinetic study of ultrasound-assisted adsorption of malachite green and Pb2+ ions from aqueous samples by copper sulfide nanorods loaded on activated carbon: Experimental design optimization. Ultrasonics Sonochemistry, 2018, 40, 373-382.	8.2	127
115	Synthesis and characterization of SnO₂/(NH₄)₂â€SnCl₆ nanocomposites loaded on activated carbon and its application for adsorption of methylene Blue and Orange G. Applied Organometallic Chemistry, 2018, 32, e3903.	3.5	1
116	Preparation of chitosan functionalized endâ€capped Agâ€NPs and composited with Fe³O⁴â€NPs: Controlled release to pHâ€responsive delivery of progesterone and antibacterial activity against pseudomonas aeruginosa (PAOâ€1). Applied Organometallic Chemistry, 2018, 32, e3921.	3.5	17
117	Optimization of process parameters for determination of trace Hazardous dyes from industrial wastewaters based on nanostructures materials under ultrasound energy. Ultrasonics Sonochemistry, 2018, 40, 238-248.	8.2	69
118	In vitro curcumin delivery and antibacterial activity of RuS 2 and RuO 2 nanoparticles loaded chitosan biopolymer. Applied Organometallic Chemistry, 2018, 32, e4035.	3.5	3
119	Mild synthesis of a Zn(II) metal organic polymer and its hybrid with activated carbon: Application as antibacterial agent and in water treatment by using sonochemistry: Optimization, kinetic and isotherm study. Ultrasonics Sonochemistry, 2018, 41, 389-396.	8.2	46
120	Application of artificial neural network for comparison and modeling of the ultrasonic and stirrer assisted removal of anionic dye using activated carbon supported with nanostructure material. Applied Organometallic Chemistry, 2018, 32, e4050.	3.5	2
121	Use of metal composite MOFâ€5â€Ag₂Oâ€NPs as an adsorbent for the removal of Auramine O dye under ultrasound energy conditions. Applied Organometallic Chemistry, 2018, 32, e4007.	3.5	42
122	Sonophotocatalytic treatment of diazinon using visible lightâ€driven Ce:Cuâ€1,4â€BDOAH₂ photocatalyst in a batchâ€mode process: Response surface methodology and optimization. Applied Organometallic Chemistry, 2018, 32, e3962.	3.5	7
123	Application of novel copper organic material for facile microextraction of sodium valproate from human plasma samples: Experimental design optimization and isotherm study. Applied Organometallic Chemistry, 2018, 32, e3960.	3.5	3
124	Synthesis and characterization of antibacterial chromium iron oxide nanoparticleâ€loaded activated carbon for ultrasoundâ€assisted wastewater treatment. Applied Organometallic Chemistry, 2018, 32, e3981.	3.5	18
125	Synthesis of nanocomposites of iron oxide/gold (Fe3O4/Au) loaded on activated carbon and their application in water treatment by using sonochemistry: Optimization study. Ultrasonics Sonochemistry, 2018, 41, 279-287.	8.2	41
126	A facile and selective approach for enrichment of l-cysteine in human plasma sample based on zinc organic polymer: Optimization by response surface methodology. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 166-171.	2.8	9

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127	Adsorption of semisoft pollutants onto Bi 2 S 3 /Ag 2 S-AC under the influence of ultrasonic waves as external filed. Journal of Industrial and Engineering Chemistry, 2018, 60, 390-400.	5.8	62
128	Ultrasound-assisted extraction of antimicrobial compounds from Thymus daenensis and Silybum marianum: Antimicrobial activity with and without the presence of natural silver nanoparticles. Ultrasonics Sonochemistry, 2018, 42, 76-83.	8.2	28
129	Podophyllotoxin extraction from <scp>Linum usitatissimum</scp> plant and its anticancer activity against HTâ€29, Aâ€549 and MDAâ€MBâ€231 cell lines with and without the presence of gold nanoparticles. Applied Organometallic Chemistry, 2018, 32, e4024.	3.5	11
130	Comparative study of acid yellow 119 adsorption onto activated carbon prepared from lemon wood and ZnO nanoparticles loaded on activated carbon. Applied Organometallic Chemistry, 2018, 32, e4080.	3.5	17
131	Zinc oxide nanorodâ€loaded activated carbon for ultrasoundâ€assisted adsorption of safranin O: Central composite design and genetic algorithm optimization. Applied Organometallic Chemistry, 2018, 32, e4099.	3.5	32
132	Magnetic based nanocomposite sorbent combination with ultrasound assisted for solid-phase microextraction of Azure II in water samples prior to its determination spectrophotometric. Journal of Colloid and Interface Science, 2018, 513, 240-250.	9.4	60
133	Sonochemical-assisted synthesis of CuO/Cu2O/Cu nanoparticles as efficient photocatalyst for simultaneous degradation of pollutant dyes in rotating packed bed reactor: LED illumination and central composite design optimization. Ultrasonics Sonochemistry, 2018, 40, 601-610.	8.2	202
134	Dispersive liquidâ€liquid microextraction based on the solidification of floating organic droplets for preconcentration of amino acids in human plasma samples. Separation Science Plus, 2018, 1, 650-659.	0.6	1
135	A molecularly imprinted polymer coupled with high-performance liquid chromatography-UV for the determination of albendazole in plasma and urine samples: CCD-RSM design. New Journal of Chemistry, 2018, 42, 15937-15945.	2.8	7
136	Simple and selective detection of quercetin in extracts of plants and food samples by dispersive-micro-solid phase extraction based on coreâ€“shell magnetic molecularly imprinted polymers. New Journal of Chemistry, 2018, 42, 16144-16153.	2.8	80
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