Zaiton Abdul Majid

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6160549/publications.pdf

Version: 2024-02-01

63 papers	1,702 citations	304743 22 h-index	302126 39 g-index
63 all docs	63 docs citations	63 times ranked	2201 citing authors

#	Article	IF	Citations
1	Recent advances on the preparation and application of graphene quantum dots for mercury detection: a systematic review. Carbon Letters, 2022, 32, 57-80.	5.9	15
2	General Overview on Cellulose and Cellulose Nanocrystals: Properties, Extraction, Application, and Sustainable Development. , 2022, , 93-114.		1
3	Electrochemically exfoliated functionalized graphene flakes: Facile synthesis, 3rd order optical nonlinearity and optical limiting response. Optics and Laser Technology, 2022, 151, 108030.	4.6	5
4	Recent advances on the enhanced thermal conductivity of graphene nanoplatelets composites: a short review. Carbon Letters, 2022, 32, 1411-1424.	5.9	7
5	A short review on electrochemical exfoliation of graphene and graphene quantum dots. Carbon Letters, 2021, 31, 371-388.	5.9	45
6	Current technologies for recovery of metals from industrial wastes: An overview. Environmental Technology and Innovation, 2021, 22, 101525.	6.1	91
7	Preparation, Marriage Chemistry and Applications of Graphene Quantum Dotsâ€“Nanocellulose Composite: A Brief Review. Molecules, 2021, 26, 6158.	3.8	15
8	Effect of magnetic activated carbon on the surface hydrophobicity for initial biogranulation via response surface methodology. Water Environment Research, 2020, 92, 73-83.	2.7	4
9	Statistical optimization of titanium recovery from drinking water treatment residue using response surface methodology. Journal of Environmental Management, 2020, 255, 109890.	7.8	12
10	The valorization of municipal grass waste for the extraction of cellulose nanocrystals. RSC Advances, 2020, 10, 42400-42407.	3.6	20
11	Cement Hydration Extents for Hardened Cement Paste Incorporating Nanosized-Palm Oil Fuel Ash: A Thermal and XRD Analysis Study. Lecture Notes in Civil Engineering, 2020, , 61-70.	0.4	3
12	The Effect of Eggshell Powder as an Accelerator for Blended Cement Concrete. Journal of Computational and Theoretical Nanoscience, 2020, 17, 1032-1036.	0.4	0
13	Application of henna extract in minimizing surfactant adsorption on quartz sand in saline condition: A sacrificial agent approach. SN Applied Sciences, 2019, 1, 1.	2.9	5
14	Additional Lewis acid sites of protonated fibrous silica@BEA zeolite (HSi@BEA) improving the generation of protonic acid sites in the isomerization of C6 alkane and cycloalkanes. Applied Catalysis A: General, 2019, 570, 228-237.	4.3	27
15	Improved corrosion resistance of mild steel against acid activation: Impact of novel Elaeis guineensis and silver nanoparticles. Journal of Industrial and Engineering Chemistry, 2018, 63, 139-148.	5.8	48
16	Development and Validation of Capillary Electrophoresis Method for Simultaneous Determination of Six Pharmaceuticals in Different Food Samples Combining On-line and Off-line Sample Enrichment Techniques. Food Analytical Methods, 2018, 11, 533-545.	2.6	15
17	High concentration arsenic removal from aqueous solution using nano-iron ion enrich material (NIIEM) super adsorbent. Chemical Engineering Journal, 2017, 317, 343-355.	12.7	64
18	Simulation of a conventional water treatment plant for the minimization of new emerging pollutants in drinking water sources: process optimization using response surface methodology. RSC Advances, 2017, 7, 11550-11560.	3.6	7

#	Article	IF	Citations
19	A simple, selective, and sensitive gas chromatographyâ€“mass spectrometry method for the analysis of five processâ€related impurities in atenolol bulk drug and capsule formulations. Journal of Separation Science, 2017, 40, 3086-3093.	2.5	2
20	Batch sorptionâ€“desorption of As(III) from waste water by magnetic palm kernel shell activated carbon using optimized Boxâ€“Behnken design. Applied Water Science, 2017, 7, 4573-4591.	5.6	16
21	Adsorption and desorption of curcumin by poly(vinyl) alcohol-multiwalled carbon nanotubes (PVA-MWCNT). Colloid and Polymer Science, 2017, 295, 1925-1936.	2.1	8
22	Synthesis and characterization of magnetic activated carbon developed from palm kernel shells. Nanotechnology for Environmental Engineering, 2017, 2, 1.	3.3	60
23	Preparation, characterization and adsorption study of o-cresol molecularly imprinted grafted silica gel sorbent synthesized by sol-gel polymerization. , 2017, , .		0
24	Bioparticle Development in Constructed Wetland for Domestic Wastewater. , 2017, , 155-176.		0
25	Synthesis of visible light active doped TiO2 for the degradation of organic pollutantsâ€”methylene blue and glyphosate. Journal of Analytical Science and Technology, 2016, 7, .	2.1	38
26	Surface modification of banana stem fibers via radiation induced grafting of poly(methacrylic acid) as an effective cation exchanger for Hg(<scp>ii</scp>). RSC Advances, 2016, 6, 34411-34421.	3.6	8
27	Development and validation of a selective, sensitive and stability indicating UPLCâ€“MS/MS method for rapid, simultaneous determination of six process related impurities in darunavir drug substance. Journal of Pharmaceutical and Biomedical Analysis, 2016, 128, 141-148.	2.8	13
28	Recent progress on Fe-based nanoparticles: Synthesis, properties, characterization and environmental applications. Journal of Environmental Chemical Engineering, 2016, 4, 3537-3553.	6.7	59
29	Toxic and nontoxic elemental enrichment in biochar at different production temperatures. Journal of Cleaner Production, 2016, 131, 810-821.	9.3	17
30	Simultaneous determination of three organophosphorus pesticides in different food commodities by gas chromatography with mass spectrometry. Journal of Separation Science, 2016, 39, 2276-2283.	2.5	20
31	ADSORBENT FROM WASTE AND NATURAL DEPOSITS FOR PARAQUAT REMOVAL IN WATER. Malaysian Journal of Analytical Sciences, 2016, 20, 469-476.	0.1	0
32	Physicochemical characterizations of nano-palm oil fuel ash. , 2015, , .		5
33	Electrochemical synthesis and characterization of stable colloidal suspension of graphene using two-electrode cell system. AIP Conference Proceedings, 2015, , .	0.4	8
34	Morphological Characteristics of Hardened Cement Pastes Incorporating Nano-palm Oil Fuel Ash. Procedia Manufacturing, 2015, 2, 512-518.	1.9	42
35	Deacidification of Acidic Petroleum Crude Oil Utilizing a Formulated Basic Chemical. Advanced Materials Research, 2015, 1107, 335-340.	0.3	1
36	Development and validation of a rapid ultra high performance liquid chromatography with tandem mass spectrometry method for the simultaneous determination of darunavir, ritonavir, and tenofovir in human plasma: Application to human pharmacokinetics. Journal of Separation Science, 2015, 38, 2580-2587.	2.5	13

#	Article	IF	Citations
37	Optimization of basic catalyst with ammoniated polyethylene glycol for the removal of naphthenic acid from petroleum crude oil by Boxâ€“Behnken design. Clean Technologies and Environmental Policy, 2015, 17, 2387-2400.	4.1	4
38	Identification, control strategies, and analytical approaches for the determination of potential genotoxic impurities in pharmaceuticals: A comprehensive review. Journal of Separation Science, 2015, 38, 764-779.	2.5	71
39	Removal of naphthenic acids from high acidity Korean crude oil utilizing catalytic deacidification method. Journal of Industrial and Engineering Chemistry, 2015, 28, 110-116.	5.8	26
40	Synthesis, characterization of Mo and Mn doped ZnO and their photocatalytic activity for the decolorization of two different chromophoric dyes. Applied Catalysis A: General, 2015, 505, 507-514.	4.3	71
41	Preparation of Cellulose Nanocrystal Aerogel from Wastepaper through Freeze-Drying Technique. Advanced Materials Research, 2015, 1125, 296-300.	0.3	4
42	Biokinetics of nitrogen removal at high concentrations by Rhodobacter sphaeroides ADZ101. International Biodeterioration and Biodegradation, 2015, 105, 245-251.	3.9	44
43	The impact of biochars on sorption and biodegradation of polycyclic aromatic hydrocarbons in soilsâ€”a review. Environmental Science and Pollution Research, 2015, 22, 3314-3341.	5.3	102
44	The reuse of wastepaper for the extraction of cellulose nanocrystals. Carbohydrate Polymers, 2015, 118, 165-169.	10.2	134
45	Optimisation of biostructure for the adsorption of petrochemical wastewater using statistical approach. Clean Technologies and Environmental Policy, 2015, 17, 249-256.	4.1	4
46	Evaluation of macrocomposite based sequencing batch biofilm reactor (MC-SBBR) for decolorization and biodegradation of azo dye Acid Orange 7. International Biodeterioration and Biodegradation, 2014, 87, 9-17.	3.9	20
47	Green Bambusa Arundinacea leaves extract as a sustainable corrosion inhibitor in steel reinforced concrete. Journal of Cleaner Production, 2014, 67, 139-146.	9.3	139
48	Application of ion chromatography for the assessment of cadmium adsorption in simulated wastewater by activated carbon. Desalination and Water Treatment, 2014, 52, 3616-3622.	1.0	4
49	Flow characteristics of ternary blended self-consolidating cement mortars incorporating palm oil fuel ash and pulverised burnt clay. Construction and Building Materials, 2014, 64, 253-260.	7.2	24
50	Activated Carbon Production from Agricultural Biomass Using Response Surface Method (RSM) for Cd (II) Removal. Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.4	3
51	Equilibrium and kinetic studies of acid dye adsorption on palm oil empty fruit bunch. Malaysian Journal of Fundamental and Applied Sciences, 2014, 9, .	0.8	0
52	Evaluation of Sulfate Resistance of Mortar Containing Palm Oil Fuel Ash from Different Sources. Arabian Journal for Science and Engineering, 2013, 38, 2293-2301.	1.1	25
53	Application of zeolite-activated carbon macrocomposite for the adsorption of Acid Orange 7: isotherm, kinetic and thermodynamic studies. Environmental Science and Pollution Research, 2013, 20, 7243-7255.	5.3	60
54	Optimization of decolorization of palm oil mill effluent (POME) by growing cultures of Aspergillus fumigatus using response surface methodology. Environmental Science and Pollution Research, 2013, 20, 2912-2923.	5.3	40

#	Article	IF	Citations
55	Biosorption and biodegradation of Acid Orange 7 by Enterococcus faecalis strain ZL: optimization by response surface methodological approach. Environmental Science and Pollution Research, 2013, 20, 5056-5066.	5.3	37
56	Optimizing the coagulation process in a drinking water treatment plant â€“ comparison between traditional and statistical experimental design jar tests. Water Science and Technology, 2012, 65, 496-503.	2.5	31
57	Influence of non-hydrocarbon substances on the compressive strength of natural rubber latex-modified concrete. Construction and Building Materials, 2012, 27, 241-246.	7.2	30
58	Mechanical capabilities and fire endurance of natural rubber latex modified concrete. Canadian Journal of Civil Engineering, 2011, 38, 661-668.	1.3	5
59	Kinetic and equilibrium studies of the removal of ammonium ions from aqueous solution by rice husk ash-synthesized zeolite Y and powdered and granulated forms of mordenite. Journal of Hazardous Materials, 2010, 174, 380-385.	12.4	120
60	Covalent immobilization of tyrosinase onto commercial multi-walled carbon nanotubes and its effect on enzymatic activity. , 2010, , .		0
61	Effect of Addition of Ni metal catalyst onto the Co and Fe supported catalysts for the formation of carbon nanotubes. Journal of Porous Materials, 2006, 13, 331-334.	2.6	10
62	Removal of Reactive Dyes from Aqueous Solution by Modified Electric Arc Furnace Slag. Advanced Materials Research, 0, 832, 804-809.	0.3	0
63	Grass Waste Derived Cellulose Nanocrystals as Nanofiller in Polyvinyl Alcohol Composite Film for Packaging Application. Solid State Phenomena, 0, 324, 151-158.	0.3	0