

Sharifah Mohamad

List of Publications by Year in descending order

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64
papers

1,651
citations

331670

21
h-index

315739

38
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64
all docs

64
docs citations

64
times ranked

1972
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | SrTiO ₃ Nanocube-Doped Polyaniline Nanocomposites with Enhanced Photocatalytic Degradation of Methylene Blue under Visible Light. <i>Polymers</i> , 2016, 8, 27. | 4.5 | 148 |
| 2 | Synthesis and characterization of Co ₃ O ₄ nanocube-doped polyaniline nanocomposites with enhanced methyl orange adsorption from aqueous solution. <i>RSC Advances</i> , 2016, 6, 43388-43400. | 3.6 | 119 |
| 3 | Synthesis of Polyaniline-Coated Graphene Oxide@SrTiO ₃ Nanocube Nanocomposites for Enhanced Removal of Carcinogenic Dyes from Aqueous Solution. <i>Polymers</i> , 2016, 8, 305. | 4.5 | 98 |
| 4 | Removal of 2,4-dichlorophenol using cyclodextrin-ionic liquid polymer as a macroporous material: Characterization, adsorption isotherm, kinetic study, thermodynamics. <i>Journal of Hazardous Materials</i> , 2013, 263, 501-516. | 12.4 | 84 |
| 5 | Polyaniline-dicationic ionic liquid coated with magnetic nanoparticles composite for magnetic solid phase extraction of polycyclic aromatic hydrocarbons in environmental samples. <i>Talanta</i> , 2018, 178, 211-221. | 5.5 | 83 |
| 6 | Magnetic poly(β -cyclodextrin-ionic liquid) nanocomposites for micro-solid phase extraction of selected polycyclic aromatic hydrocarbons in rice samples prior to GC-FID analysis. <i>Food Chemistry</i> , 2019, 278, 322-332. | 8.2 | 80 |
| 7 | Synthesis and Characterization of β -Cyclodextrin Functionalized Ionic Liquid Polymer as a Macroporous Material for the Removal of Phenols and As(V). <i>International Journal of Molecular Sciences</i> , 2014, 15, 100-119. | 4.1 | 69 |
| 8 | Stabilized landfill leachate treatment by coagulation-flocculation coupled with UV-based sulfate radical oxidation process. <i>Waste Management</i> , 2018, 76, 575-581. | 7.4 | 65 |
| 9 | Exploiting β -Cyclodextrin in Molecular Imprinting for Achieving Recognition of Benzylparaben in Aqueous Media. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3656-3676. | 4.1 | 41 |
| 10 | Magnetic solid phase extraction of polycyclic aromatic hydrocarbons and chlorophenols based on cyano-ionic liquid functionalized magnetic nanoparticles and their determination by HPLC-DAD. <i>RSC Advances</i> , 2016, 6, 77047-77058. | 3.6 | 41 |
| 11 | Molecular Imprinted Polymer of Methacrylic Acid Functionalised β -Cyclodextrin for Selective Removal of 2,4-Dichlorophenol. <i>International Journal of Molecular Sciences</i> , 2014, 15, 6111-6136. | 4.1 | 40 |
| 12 | Conventional Study on Novel Dicationic Ionic Liquid Inclusion with β -Cyclodextrin. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6329-6345. | 4.1 | 39 |
| 13 | Synthesis of piperazine functionalized magnetic sporopollenin: a new organic-inorganic hybrid material for the removal of lead(II) and arsenic(III) from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2017, 24, 21846-21858. | 5.3 | 39 |
| 14 | Poly(cyclodextrin-ionic liquid) based ferrofluid: A new class of magnetic colloid for dispersive liquid phase microextraction of polycyclic aromatic hydrocarbons from food samples prior to GC-FID analysis. <i>Food Chemistry</i> , 2020, 314, 126214. | 8.2 | 39 |
| 15 | New macroporous β -cyclodextrin functionalized ionic liquid polymer as an adsorbent for solid phase extraction with phenols. <i>Talanta</i> , 2014, 130, 155-163. | 5.5 | 33 |
| 16 | Highly sensitive and selective determination of malathion in vegetable extracts by an electrochemical sensor based on Cu-metal organic framework. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019, 54, 930-941. | 1.5 | 30 |
| 17 | Ionic liquid as a medium to remove iron and other metal ions: a case study of the North Kelantan Aquifer, Malaysia. <i>Environmental Earth Sciences</i> , 2014, 71, 2105-2113. | 2.7 | 29 |
| 18 | Density functional theory simulation of cobalt oxide aggregation and facile synthesis of a cobalt oxide, gold and multiwalled carbon nanotube based ternary composite for a high performance supercapattery. <i>New Journal of Chemistry</i> , 2019, 43, 13183-13195. | 2.8 | 24 |

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|----|---|-----|-----------|
| 19 | Novel Functionalized Polythiophene-Coated Fe ₃ O ₄ Nanoparticles for Magnetic Solid-Phase Extraction of Phthalates. <i>Polymers</i> , 2016, 8, 117. | 4.5 | 23 |
| 20 | Removal of endocrine disruptor di-(2-ethylhexyl)phthalate by modified polythiophene-coated magnetic nanoparticles: characterization, adsorption isotherm, kinetic study, thermodynamics. <i>RSC Advances</i> , 2016, 6, 44655-44667. | 3.6 | 23 |
| 21 | β-Cyclodextrin functionalized ionic liquid as chiral stationary phase of high performance liquid chromatography for enantioseparation of I ² -blockers. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 85, 303-315. | 1.6 | 22 |
| 22 | Synthesis of Water-soluble Polyaniline by Using Different Types of Cellulose Derivatives. <i>Polymers and Polymer Composites</i> , 2017, 25, 515-520. | 1.9 | 22 |
| 23 | Cobalt Oxide Nanograins and Silver Nanoparticles Decorated Fibrous Polyaniline Nanocomposite as Battery-Type Electrode for High Performance Supercapattery. <i>Polymers</i> , 2020, 12, 2816. | 4.5 | 22 |
| 24 | Combination of Cyclodextrin and Ionic Liquid in Analytical Chemistry: Current and Future Perspectives. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 454-467. | 3.5 | 21 |
| 25 | Cloud Point Extraction of Parabens Using Non-Ionic Surfactant with Cyclodextrin Functionalized Ionic Liquid as a Modifier. <i>International Journal of Molecular Sciences</i> , 2013, 14, 24531-24548. | 4.1 | 20 |
| 26 | Removal of organic matter from stabilized landfill leachate using Coagulation-Flocculation-Fenton coupled with activated charcoal adsorption. <i>Waste Management and Research</i> , 2017, 35, 739-746. | 3.9 | 20 |
| 27 | Development of magnetic porous coordination polymer adsorbent for the removal and preconcentration of Pb(II) from environmental water samples. <i>Environmental Science and Pollution Research</i> , 2019, 26, 11410-11426. | 5.3 | 18 |
| 28 | Pesticide remediation with cyclodextrins: a review. <i>Environmental Science and Pollution Research</i> , 2021, 28, 47785-47799. | 5.3 | 17 |
| 29 | Effects of RAFT Agent on the Selective Approach of Molecularly Imprinted Polymers. <i>Polymers</i> , 2015, 7, 484-503. | 4.5 | 16 |
| 30 | Superhydrophobic magnetic nanoparticle-free fatty acid regenerated from waste cooking oil for the enrichment of carcinogenic polycyclic aromatic hydrocarbons in sewage sludges and landfill leachates. <i>RSC Advances</i> , 2016, 6, 87719-87729. | 3.6 | 16 |
| 31 | Polyaniline modified magnetic nanoparticles coated with dicationic ionic liquid for effective removal of rhodamine B (RB) from aqueous solution. <i>RSC Advances</i> , 2018, 8, 33180-33192. | 3.6 | 16 |
| 32 | Enhancement of polyaniline properties by different polymerization temperatures in hydrazine detection. <i>Journal of Applied Polymer Science</i> , 2015, 132, . | 2.6 | 15 |
| 33 | Electrochemical determination of 2,4-dichlorophenol at β-cyclodextrin functionalized ionic liquid modified chemical sensor: voltammetric and amperometric studies. <i>RSC Advances</i> , 2016, 6, 100186-100194. | 3.6 | 15 |
| 34 | Novel Palm Fatty Acid Functionalized Magnetite Nanoparticles for Magnetic Solid-Phase Extraction of Trace Polycyclic Aromatic Hydrocarbons from Environmental Samples. <i>Journal of Oleo Science</i> , 2017, 66, 771-784. | 1.4 | 15 |
| 35 | Simultaneous removal of carcinogenic anionic and cationic dyes from environmental water using a new Zn-based metal-organic framework. <i>Separation Science and Technology</i> , 2021, 56, 330-343. | 2.5 | 14 |
| 36 | Preparation of Organic-Inorganic Hybrid Materials Based on MCM-41 and Its Applications. <i>Advances in Materials Science and Engineering</i> , 2013, 2013, 1-8. | 1.8 | 13 |

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|----|--|-----|-----------|
| 37 | Extraction of Parabens from Water Samples Using Cloud Point Extraction with a Nonionic Surfactant with β -Cyclodextrin as Modifier. <i>Journal of Surfactants and Detergents</i> , 2014, 17, 747-758. | 2.1 | 13 |
| 38 | Influence of polymer morphology on the adsorption behaviors of molecularly imprinted polymer-methacrylic acid functionalized β -cyclodextrin. <i>Journal of Applied Polymer Science</i> , 2015, 132, . | 2.6 | 12 |
| 39 | Synthesis and evaluation of methacrylic acid functionalized β -cyclodextrin based molecular imprinted polymer for 2,4-dichlorophenol in water samples. <i>Desalination and Water Treatment</i> , 2016, 57, 254-267. | 1.0 | 12 |
| 40 | Palm Fatty Acid Functionalized Fe ₃ O ₄ Nanoparticles as Highly Selective Oil Adsorption Material. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 3248-3256. | 0.9 | 12 |
| 41 | Spectroscopic studies for the inclusion complexation of ketoprofen enantiomers with β -cyclodextrin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 241, 118674. | 3.9 | 12 |
| 42 | Extraction Behavior of Cu(II) Ion From Chloride Medium to the Hydrophobic Ionic Liquids Using 1,10-Phenanthroline. <i>Separation Science and Technology</i> , 2012, 47, 250-255. | 2.5 | 11 |
| 43 | Preparation and characterization of new sol-gel titanium(IV) butoxide-cyanopropyltriethoxysilane hybrid sorbent for extraction of polar aromatic amines. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 67, 121-129. | 2.4 | 11 |
| 44 | Determination of polar aromatic amines using newly synthesized sol-gel titanium (IV) butoxide cyanopropyltriethoxysilane as solid phase extraction sorbent. <i>Talanta</i> , 2014, 120, 450-455. | 5.5 | 11 |
| 45 | A novel cyano functionalized silica-titania oxide sol-gel based ionic liquid for the extraction of hazardous chlorophenols from aqueous environments. <i>RSC Advances</i> , 2016, 6, 49358-49369. | 3.6 | 11 |
| 46 | Determination of Aromatic Amines in Urine using Extraction and Chromatographic Analysis: A Minireview. <i>Analytical Letters</i> , 2019, 52, 2974-2992. | 1.8 | 11 |
| 47 | L-cysteine capped silver nanoparticles as chiral recognition sensor for ketoprofen enantiomers. <i>Chirality</i> , 2021, 33, 810-823. | 2.6 | 11 |
| 48 | Chromatographic and Spectroscopic Studies on β -Cyclodextrin Functionalized Ionic Liquid as Chiral Stationary Phase: Enantioseparation of Flavonoids. <i>Chromatographia</i> , 2016, 79, 1445-1455. | 1.3 | 10 |
| 49 | New sporopollenin-based β -cyclodextrin functionalized magnetic hybrid adsorbent for magnetic solid-phase extraction of nonsteroidal anti-inflammatory drugs from water samples. <i>Royal Society Open Science</i> , 2018, 5, 171311. | 2.4 | 10 |
| 50 | Studies on the supramolecular complex of a guanosine with beta-cyclodextrin and evaluation of its anti-proliferative activity. <i>Carbohydrate Research</i> , 2020, 497, 108138. | 2.3 | 10 |
| 51 | Adsorption of phenols from contaminated water through titania-silica mixed imidazolium based ionic liquid: Equilibrium, kinetic and thermodynamic modeling studies. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016, 53, 619-628. | 2.2 | 9 |
| 52 | Fabrication of calixarene-grafted bio-polymeric magnetic composites for magnetic solid phase extraction of non-steroidal anti-inflammatory drugs in water samples. <i>PeerJ</i> , 2018, 6, e5108. | 2.0 | 9 |
| 53 | Comparative Study of Tributyltin Adsorption onto Mesoporous Silica Functionalized with Calix[4]arene, p-tert-Butylcalix[4]arene and p-Sulfonatocalix[4]arene. <i>Molecules</i> , 2014, 19, 4524-4547. | 3.8 | 8 |
| 54 | Structural, electrochemical, and adsorption studies of Ni and Zn benzylimidazole coordination polymers with terephthalate linkers. <i>Transition Metal Chemistry</i> , 2018, 43, 53-64. | 1.4 | 8 |

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|----|---|-----|-----------|
| 55 | Spectral Studies on the Supramolecular Assembly of Uridine with β -Cyclodextrin and Its <i>in Vitro</i> Cytotoxicity. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 992-1011. | 2.6 | 7 |
| 56 | Sporopollenin supported methylimidazolium ionic liquids based mixed matrix membrane for dispersive membrane micro-extraction of nitro and chloro-substituted phenols from various matrices. <i>Microchemical Journal</i> , 2022, 172, 106936. | 4.5 | 6 |
| 57 | S-quinolin-2-yl-methyldithiocarbamate-based magnetic adsorbent for magnetic solid-phase extraction of heavy metals from water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-18. | 3.3 | 4 |
| 58 | Synthesis and characterization of new silica-titania mixed oxide in the presence of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl) imide by sol-gel technique. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 70, 104-110. | 2.4 | 3 |
| 59 | Effect of framework metal ions of analogous magnetic porous coordination polymers on adsorption of cationic and anionic dyes from aqueous solution. <i>Chemical Papers</i> , 2022, 76, 3541-3556. | 2.2 | 3 |
| 60 | β -Cyclodextrin based Molecular Imprinted Solid Phase Extraction for Class Selective Extraction of Priority Phenols in Water Samples. <i>Separation Science and Technology</i> , 2015, , 150615133334007. | 2.5 | 2 |
| 61 | Free Fatty Acid from Waste Palm Oil Functionalized Magnetic Nanoparticles Immobilized on Surface Graphene Oxide as a New Adsorbent for Simultaneously Detecting Hazardous Polycyclic Aromatic Hydrocarbons and Phthalate Esters in Food Extracts. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 5522-5534. | 0.9 | 2 |
| 62 | Synthesis of new Zn-decorated metal-organic frameworks for enhanced removal of carcinogenic textile dye: equilibrium and kinetic modeling studies. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021, 56, 1296-1305. | 1.7 | 2 |
| 63 | A Review of Molecular Imprinting Polymer for Separation of Bisphenol-A and its Analogues: Synthesis and Application. <i>Current Analytical Chemistry</i> , 2022, 18, 867-891. | 1.2 | 2 |
| 64 | Sampling and Sample Preparation Techniques for the Analysis of Organophosphorus Pesticides in Soil Matrices. <i>Critical Reviews in Analytical Chemistry</i> , 2021, , 1-22. | 3.5 | 0 |