

Showkat Ahmad Bhawani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Utilizing Biomass-Based Graphene Oxide@Polyaniline@Ag Electrodes in Microbial Fuel Cells to Boost Energy Generation and Heavy Metal Removal. <i>Polymers</i> , 2022, 14, 845.	2.0	43
2	Differential Metabolites Markers from Trunking and Stressed Non-Trunking Sago Palm (Metroxylon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	1
3	Bioremediation of Pollutants and Sustainable Energy Production through Bacterial Activities in Microbial Fuel Cells: An Overview. <i>Asian Journal of Chemistry</i> , 2021, 33, 253-265.	0.1	1
4	Microbial Fuel Cell: Recent Developments in Organic Substrate Use and Bacterial Electrode Interaction. <i>Journal of Chemistry</i> , 2021, 2021, 1-16.	0.9	49
5	Utilization of <i>Mangifera indica</i> as Substrate to Bioremediate the Toxic Metals and Generate the Bioenergy through a Single-Chamber Microbial Fuel Cell. <i>Journal of Chemistry</i> , 2021, 2021, 1-8.	0.9	9
6	Various Natural and Anthropogenic Factors Responsible for Water Quality Degradation: A Review. <i>Water (Switzerland)</i> , 2021, 13, 2660.	1.2	249
7	Cellulose Derived Graphene/Polyaniline Nanocomposite Anode for Energy Generation and Bioremediation of Toxic Metals via Benthic Microbial Fuel Cells. <i>Polymers</i> , 2021, 13, 135.	2.0	80
8	Quaternization of Poly(2-diethyl aminoethyl methacrylate) Brush-Grafted Magnetic Mesoporous Nanoparticles Using 2-Iodoethanol for Removing Anionic Dyes. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10451.	1.3	15
9	Synthesis, characterization, and application of molecular imprinting polymer for extraction of melamine from spiked milk, water, and blood serum. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 94-105.	0.5	13
10	Template Assisted Synthesis of Molecularly Imprinted Polymer for the Extraction of p-Coumaric Acid. <i>Asian Journal of Chemistry</i> , 2020, 32, 2342-2346.	0.1	2
11	Synthesis of Ag@Polycarbazole Nanocomposite using Ferric Acetate as an Oxidant. <i>Asian Journal of Chemistry</i> , 2020, 32, 1069-1074.	0.1	2
12	Synthesis of molecularly imprinted polymer for removal of Congo red. <i>BMC Chemistry</i> , 2020, 14, 27.	1.6	28
13	Synthesis of Molecularly Imprinting Polymers for the Removal of Xylenol Orange from Water. <i>Nature Environment and Pollution Technology</i> , 2020, 19, 825-830.	0.2	4
14	Synthesis and characterization of molecular imprinting polymer for the removal of 2-phenylphenol from spiked blood serum and river water. <i>Chemical and Biological Technologies in Agriculture</i> , 2019, 6, .	1.9	38
15	Polymeric micelles in biomedical science. , 2019, , 45-71.		1
16	Synthesis of lignin based composites of TiO ₂ for potential application as radical scavengers in sunscreen formulation. <i>BMC Chemistry</i> , 2019, 13, 17.	1.6	37
17	Functionalized Graphene Nanocomposites for Water Treatment. , 2019, , 91-107.		5
18	Synthesis of Molecularly Imprinted Polymer for the Removal of Melamine. <i>Asian Journal of Chemistry</i> , 2019, 31, 2770-2776.	0.1	4

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19	Synthesis and Characterization of Molecularly Imprinted Polymer for the Removal/Extraction of Thymol from Spiked Blood Serum and River water. Asian Journal of Chemistry, 2019, 31, 2479-2484.	0.1	2
20	Nanoparticles for Drug Delivery. Advanced Structured Materials, 2019, , 175-197.	0.3	3
21	Synthesis of Molecularly Imprinted Polymers for the Selective Extraction /Removal of 2,4,6-trichlorophenol. Open Chemical Engineering Journal, 2019, 13, 122-133.	0.4	4
22	Synthesis of molecular imprinting polymers for extraction of gallic acid from urine. Chemistry Central Journal, 2018, 12, 19.	2.6	25
23	Proteins as Agricultural Polymers for Packaging Production. , 2018, , 243-267.		7
24	Polymer Based Protein Therapeutics. Current Protein and Peptide Science, 2018, 19, 972-982.	0.7	11
25	Recent developments in immobilizing titanium dioxide on supports for degradation of organic pollutants in wastewater- A review. International Journal of Environmental Science and Technology, 2017, 14, 2039-2052.	1.8	41
26	Synthesis and Characterization of Molecular Imprinting Polymer Microspheres of Piperine: Extraction of Piperine from Spiked Urine. Journal of Analytical Methods in Chemistry, 2016, 2016, 1-6.	0.7	34
27	Synthesis and Characterization of Molecular Imprinting Polymer Microspheres of Cinnamic Acid: Extraction of Cinnamic Acid from Spiked Blood Plasma. International Journal of Polymer Science, 2016, 2016, 1-5.	1.2	15
28	Photocatalytic treatment technology for palm oil mill effluent (POME) â€œ A review. Chemical Engineering Research and Design, 2016, 102, 673-686.	2.7	64
29	Spectrophotometric Analysis of Caffeine. International Journal of Analytical Chemistry, 2015, 2015, 1-7.	0.4	33
30	SEPARATION OF FOUR CATIONIC SURFACTANTS ON SILICA GEL 60 F₂₅₄ HIGH PERFORMANCE THIN-LAYER CHROMATOGRAPHIC PLATES. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2249-2257.	0.5	1
31	Microemulsion Thin-layer Chromatographic Separation of Caffeine and Paracetamol and their Determination in Formulated Tablet and in Spiked Urine Sample by HPLC. Analytical Chemistry Letters, 2014, 4, 207-212.	0.4	1
32	Surfactant Modified/Mediated Thin-Layer Chromatographic Systems for the Analysis of Amino Acids. Journal of Analytical Methods in Chemistry, 2013, 2013, 1-12.	0.7	5
33	Resolution of a Fiveâ€œComponent Mixture of Quaternary Ammonium Surfactants on Silica Gel 60 <i>F</i>₂₅₄ High Performance Thin Layer Chromatographic Plates. Journal of Surfactants and Detergents, 2011, 14, 301-305.	1.0	4
34	On Plate Identification of Coexisting Polyoxyethylene (20) Stearyl Ether, Cetyl Pyridinium Chloride, Tetradecyl Trimethyl Ammonium Bromide and Polyoxyethylene (9.5) Octyl Phenyl Ether Surfactants with Preliminary Separation by Planar Chromatography. Journal of Surfactants and Detergents, 2010, 13, 113-118.	1.0	3
35	Analysis of Surfactants by Thin-Layer Chromatography: A Review. Tenside, Surfactants, Detergents, 2010, 47, 73-80.	0.5	12
36	On Plate Resolution and Identification of Three-Component Mixture of Nonionic Surfactants. Tenside, Surfactants, Detergents, 2009, 46, 81-84.	0.5	4

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37	Micelles Activated Planar Chromatographic Separation of Hydrophilic Vitamins. <i>Tenside, Surfactants, Detergents</i> , 2009, 46, 267-270.	0.5	7
38	LC Separation of Co-Existing Cetylpyridinium Chloride, Tetradecyltrimethylammonium Bromide and Dodecyltrimethylammonium Bromide on Silica TLC Plates with Aqueous-Organic Eluents. <i>Chromatographia</i> , 2008, 67, 659-663.	0.7	7
39	Silica Thin-Layer Chromatographic Studies of Surfactants with Mixed Aqueous-Organic Eluents Containing Thiourea: Simultaneous Separation of Co-existing Cetyltrimethylammonium Bromide, Dodecyltrimethylammonium Bromide, and Polyoxyethylene (20) Sorbitan Monolaurate. <i>Journal of Chromatographic Science</i> , 2008, 46, 298-303.	0.7	7