

# Showkat Ahmad Bhawani

## List of Publications by Year in descending order

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39  
papers

871  
citations

686830

13  
h-index

500791

28  
g-index

39  
all docs

39  
docs citations

39  
times ranked

636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Various Natural and Anthropogenic Factors Responsible for Water Quality Degradation: A Review. <i>Water (Switzerland)</i> , 2021, 13, 2660.	1.2	249
2	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
3	Photocatalytic treatment technology for palm oil mill effluent (POME) – A review. <i>Chemical Engineering Research and Design</i> , 2016, 102, 673-686.	2.7	64
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	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
6	Recent developments in immobilizing titanium dioxide on supports for degradation of organic pollutants in wastewater- A review. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 2039-2052.	1.8	41
7	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
8	Synthesis of lignin based composites of TiO <sub>2</sub> for potential application as radical scavengers in sunscreen formulation. <i>BMC Chemistry</i> , 2019, 13, 17.	1.6	37
9	Synthesis and Characterization of Molecular Imprinting Polymer Microspheres of Piperine: Extraction of Piperine from Spiked Urine. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-6.	0.7	34
10	Spectrophotometric Analysis of Caffeine. <i>International Journal of Analytical Chemistry</i> , 2015, 2015, 1-7.	0.4	33
11	Synthesis of molecularly imprinted polymer for removal of Congo red. <i>BMC Chemistry</i> , 2020, 14, 27.	1.6	28
12	Synthesis of molecular imprinting polymers for extraction of gallic acid from urine. <i>Chemistry Central Journal</i> , 2018, 12, 19.	2.6	25
13	Synthesis and Characterization of Molecular Imprinting Polymer Microspheres of Cinnamic Acid: Extraction of Cinnamic Acid from Spiked Blood Plasma. <i>International Journal of Polymer Science</i> , 2016, 2016, 1-5.	1.2	15
14	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
15	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
16	Analysis of Surfactants by Thin-Layer Chromatography: A Review. <i>Tenside, Surfactants, Detergents</i> , 2010, 47, 73-80.	0.5	12
17	Polymer Based Protein Therapeutics. <i>Current Protein and Peptide Science</i> , 2018, 19, 972-982.	0.7	11
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Proteins as Agricultural Polymers for Packaging Production. , 2018, , 243-267.		7
22	Micelles Activated Planar Chromatographic Separation of Hydrophilic Vitamins. <i>Tenside, Surfactants, Detergents</i> , 2009, 46, 267-270.	0.5	7
23	Surfactant Modified/Mediated Thin-Layer Chromatographic Systems for the Analysis of Amino Acids. <i>Journal of Analytical Methods in Chemistry</i> , 2013, 2013, 1-12.	0.7	5
24	Functionalized Graphene Nanocomposites for Water Treatment. , 2019, , 91-107.		5
25	On Plate Resolution and Identification of Three-Component Mixture of Nonionic Surfactants. <i>Tenside, Surfactants, Detergents</i> , 2009, 46, 81-84.	0.5	4
26	Resolution of a Five-Component Mixture of Quaternary Ammonium Surfactants on Silica Gel 60 F <sub>254</sub> High Performance Thin Layer Chromatographic Plates. <i>Journal of Surfactants and Detergents</i> , 2011, 14, 301-305.	1.0	4
27	Synthesis of Molecularly Imprinted Polymer for the Removal of Melamine. <i>Asian Journal of Chemistry</i> , 2019, 31, 2770-2776.	0.1	4
28	Synthesis of Molecularly Imprinted Polymers for the Selective Extraction /Removal of 2,4,6-trichlorophenol. <i>Open Chemical Engineering Journal</i> , 2019, 13, 122-133.	0.4	4
29	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
30	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. <i>Journal of Surfactants and Detergents</i> , 2010, 13, 113-118.	1.0	3
31	Nanoparticles for Drug Delivery. <i>Advanced Structured Materials</i> , 2019, , 175-197.	0.3	3
32	Synthesis and Characterization of Molecularly Imprinted Polymer for the Removal/Extraction of Thymol from Spiked Blood Serum and River water. <i>Asian Journal of Chemistry</i> , 2019, 31, 2479-2484.	0.1	2
33	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
34	Synthesis of Ag@Polycarbazole Nanocomposite using Ferric Acetate as an Oxidant. <i>Asian Journal of Chemistry</i> , 2020, 32, 1069-1074.	0.1	2
35	SEPARATION OF FOUR CATIONIC SURFACTANTS ON SILICA GEL 60 F <sub>254</sub> HIGH PERFORMANCE THIN-LAYER CHROMATOGRAPHIC PLATES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2249-2257.	0.5	1
36	Microemulsion Thin-layer Chromatographic Separation of Caffeine and Paracetamol and their Determination in Formulated Tablet and in Spiked Urine Sample by HPLC. <i>Analytical Chemistry Letters</i> , 2014, 4, 207-212.	0.4	1

#	ARTICLE	IF	CITATIONS
37	Polymeric micelles in biomedical science. , 2019, , 45-71.		1
38	Differential Metabolites Markers from Trunking and Stressed Non-Trunking Sago Palm (Metroxylon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	1
39	Bioremediation of Pollutants and Sustainable Energy Production through Bacterial Activities in Microbial Fuel Cells: An Overview. Asian Journal of Chemistry, 2021, 33, 253-265.	0.1	1