

Manmohan Chhibber

List of Publications by Year in descending order

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papers

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citations

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#	ARTICLE	IF	CITATIONS
1	Synthesis and Optimization of Diphenyl Ether-Based Receptors for the Selective Detection of Cyanide Ions in Neutral Semi-Aqueous Medium. <i>ChemistrySelect</i> , 2022, 7, .	0.7	0
2	Imine derivative as an analytical probe for Al ³⁺ , F ⁻ and CN ⁻ sensing with antibacterial activity against <i>E. coli</i> – An application of electrochemical and spectrofluorimetric techniques. <i>Microchemical Journal</i> , 2021, 168, 106500.	2.3	10
3	Solvent and Substituent Effect on Selectivity of Triphenylether-Based Ionophores: A Voltammetric Study. <i>Journal of Carbon Research</i> , 2021, 7, 85.	1.4	0
4	Amine derivative of triphenyl ether as an optical sensor for the detection of cyanide ions and traces of water in acetonitrile supported with voltammetric studies. <i>Journal of Applied Electrochemistry</i> , 2020, 50, 185-195.	1.5	9
5	Determination of Mercury Ions in Aqueous Medium and Urine Sample Using Thiocarbohydrazide Based Sensor. <i>ChemistrySelect</i> , 2020, 5, 13738-13747.	0.7	7
6	Triphenyl Ether Amide as a Probe for Electrochemical and Optical Sensing of Copper, Cyanide and Arginine. <i>Journal of the Electrochemical Society</i> , 2020, 167, 167506.	1.3	9
7	A convenient method to aggregate CNS by tagging with diphenyl ether molecule. <i>AIP Conference Proceedings</i> , 2019, . .	0.3	1
8	New fluoroquinolone compounds with endo-nortropine derivatives at C-7 position show antibacterial activity against fluoroquinolone-resistant strains of <i>Staphylococcus aureus</i> . <i>Chemical Biology and Drug Design</i> , 2019, 94, 1626-1633.	1.5	3
9	Xanthine oxidase inhibitors from an endophytic fungus <i>Lasiodiplodia pseudotheobromae</i> . <i>Bioorganic Chemistry</i> , 2019, 87, 851-856.	2.0	14
10	Fungal Bioactive Compounds in Pharmaceutical Research and Development. <i>Current Bioactive Compounds</i> , 2019, 15, 211-231.	0.2	19
11	Induction of Catalytic Activity in ZnO Loaded Cobalt Based MOF for the Reduction of Nitroarenes. <i>ChemistrySelect</i> , 2018, 3, 3417-3425.	0.7	18
12	New Acyclic Arylether Ionophores as Potentiometric Sensors for Ca(II) and Fe(II) Ions. <i>Mapan - Journal of Metrology Society of India</i> , 2018, 33, 43-55.	1.0	2
13	Enhanced Antibacterial Activity of Endo-nortropine Substituted (C-7) Fluoroquinolones Against <i>V. cholerae</i> , <i>S. aureus</i> and <i>B. subtilis</i> . <i>Letters in Drug Design and Discovery</i> , 2018, 15, 895-904.	0.4	2
14	Luminescence Based Detection of Trinitrophenol and Aromatic Organophosphorous Pesticides Using a Coordination Polymer. <i>Journal of the Mexican Chemical Society</i> , 2018, 61, .	0.2	2
15	Acyclic Arylamine-Based Ionophores as Potentiometric Sensors for Zn ²⁺ and Ni ²⁺ Ions. <i>Journal of Carbon Research</i> , 2017, 3, 34.	1.4	3
16	Synthesis and Anti-Staphylococcal Activity of 2,4-Disubstituted Diphenylamines. <i>Journal of the Brazilian Chemical Society</i> , 2016, . .	0.6	0
17	Ether-Imine Based Multiresponsive Voltammetric Dipodal Receptor for Nanomolar Detection of Copper Ions. <i>Journal of the Electrochemical Society</i> , 2016, 163, B751-B760.	1.3	2
18	A new ionophore for chemical sensing of F ⁻ , CN ⁻ and Co ²⁺ using voltammetric, colorimetric and spectrofluorimetric techniques. <i>RSC Advances</i> , 2016, 6, 51153-51160.	1.7	5

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19	Diphenylether based derivatives as Fe(<i>iii</i>) chemosensors: spectrofluorimetry, electrochemical and theoretical studies. RSC Advances, 2015, 5, 21831-21842.	1.7	7
20	Voltammetric Sensor for Fluoride Ions Using Diphenylether Derivatives Supported by NMR and Theoretical Studies. Journal of the Electrochemical Society, 2015, 162, B248-B255.	1.3	6
21	Voltammetry of nanoparticle-coupled imine linkage-based receptors for sensing of Al(III) and Co(II) ions. Journal of Applied Electrochemistry, 2014, 44, 1239-1251.	1.5	7
22	Location and conformation of pantothenate and its derivatives in Mycobacterium tuberculosis pantothenate kinase: insights into enzyme action. Acta Crystallographica Section D: Biological Crystallography, 2011, 67, 774-783.	2.5	8
23	Whole cell catalyzed esterification of fatty acids to biodiesel using <i>Aspergillus</i> sp.. Biocatalysis and Biotransformation, 2011, 29, 354-358.	1.1	3
24	Fibrillogenesis in ADan peptides is inhibited by biphenyl ethers. Biochemical and Biophysical Research Communications, 2008, 370, 681-686.	1.0	1
25	How pantothenol intervenes in Coenzyme-A biosynthesis of Mycobacterium tuberculosis. Biochemical and Biophysical Research Communications, 2007, 361, 903-909.	1.0	27
26	Design of Mechanism-Based Inhibitors of Transthyretin Amyloidosis: Studies with Biphenyl Ethers and New Structural Templates. Journal of Medicinal Chemistry, 2007, 50, 5589-5599.	2.9	25
27	Novel diphenyl ethers: Design, docking studies, synthesis and inhibition of enoyl ACP reductase of Plasmodium falciparum and Escherichia coli. Bioorganic and Medicinal Chemistry, 2006, 14, 8086-8098.	1.4	64
28	Potassium Fluoride on Alumina (KF/Al ₂ O ₃). Synlett, 2004, 2004, 197-198.	1.0	3
29	Chemoselective Oxidation of Benzylic Alcohols with Solid Supported CrO ₃ /TBHP Under Microwave Irradiation. Synthetic Communications, 2000, 30, 3941-3945.	1.1	11
30	Facile immobilization of iron on carbon nanospheres using organometallic-complex for supercapacitor applications. Particulate Science and Technology, 0, , 1-9.	1.1	0