

Manmohan Chhibber

List of Publications by Year in descending order

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30
papers

268
citations

1162367

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h-index

940134

16
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31
all docs

31
docs citations

31
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	How pantothenol intervenes in Coenzyme-A biosynthesis of Mycobacterium tuberculosis. Biochemical and Biophysical Research Communications, 2007, 361, 903-909.	1.0	27
3	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
4	Fungal Bioactive Compounds in Pharmaceutical Research and Development. Current Bioactive Compounds, 2019, 15, 211-231.	0.2	19
5	Induction of Catalytic Activity in ZnO Loaded Cobalt Based MOF for the Reduction of Nitroarenes. ChemistrySelect, 2018, 3, 3417-3425.	0.7	18
6	Xanthine oxidase inhibitors from an endophytic fungus Lasiodiplodia pseudotheobromae. Bioorganic Chemistry, 2019, 87, 851-856.	2.0	14
7	Chemoselective Oxidation of Benzylic Alcohols with Solid Supported CrO ₃ /TBHP Under Microwave Irradiation. Synthetic Communications, 2000, 30, 3941-3945.	1.1	11
8	Imine derivative as an analytical probe for Al ³⁺ , F ⁻ and CN ⁻ sensing with antibacterial activity against E. coli – An application of electrochemical and spectrofluorimetric techniques. Microchemical Journal, 2021, 168, 106500.	2.3	10
9	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. Journal of Applied Electrochemistry, 2020, 50, 185-195.	1.5	9
10	Triphenyl Ether Amide as a Probe for Electrochemical and Optical Sensing of Copper, Cyanide and Arginine. Journal of the Electrochemical Society, 2020, 167, 167506.	1.3	9
11	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
12	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
13	Diphenylether based derivatives as Fe(III) chemosensors: spectrofluorimetry, electrochemical and theoretical studies. RSC Advances, 2015, 5, 21831-21842.	1.7	7
14	Determination of Mercury Ions in Aqueous Medium and Urine Sample Using Thiocarbohydrazide Based Sensor. ChemistrySelect, 2020, 5, 13738-13747.	0.7	7
15	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
16	A new ionophore for chemical sensing of F ⁻ , CN ⁻ and Co ²⁺ using voltammetric, colorimetric and spectrofluorimetric techniques. RSC Advances, 2016, 6, 51153-51160.	1.7	5
17	Potassium Fluoride on Alumina (KF/Al ₂ O ₃). Synlett, 2004, 2004, 197-198.	1.0	3
18	Whole cell catalyzed esterification of fatty acids to biodiesel using <i>Aspergillus</i> sp.. Biocatalysis and Biotransformation, 2011, 29, 354-358.	1.1	3

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19	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
20	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
21	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
22	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
23	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
24	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
25	Fibrillogenesis in ADan peptides is inhibited by biphenyl ethers. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 681-686.	1.0	1
26	A convenient method to aggregate CNS by tagging with diphenyl ether molecule. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	1
27	Synthesis and Anti-Staphylococcal Activity of 2,4-Disubstituted Diphenylamines. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	0
28	Facile immobilization of iron on carbon nanospheres using organometallic-complex for supercapacitor applications. <i>Particulate Science and Technology</i> , 0, , 1-9.	1.1	0
29	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
30	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