

Himanshu Ojha

List of Publications by Year in descending order

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36
papers

1,655
citations

623734

14
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

2648
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of antiradical properties of antioxidants using DPPH assay: A critical review and results. Food Chemistry, 2012, 130, 1036-1043.	8.2	744
2	Preparation and catalytic applications of nanomaterials: a review. RSC Advances, 2015, 5, 53381-53403.	3.6	231
3	Spectroscopic and isothermal titration calorimetry studies of binding interaction of ferulic acid with bovine serum albumin. Thermochemica Acta, 2012, 548, 56-64.	2.7	113
4	Synthesis, characterization of 1,2,4-triazole Schiff base derived 3d- metal complexes: Induces cytotoxicity in HepG2, MCF-7 cell line, BSA binding fluorescence and DFT study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 171, 246-257.	3.9	98
5	Spectroscopic and molecular modelling studies of binding mechanism of metformin with bovine serum albumin. Journal of Molecular Structure, 2016, 1118, 267-274.	3.6	47
6	Binding of ethyl pyruvate to bovine serum albumin: Calorimetric, spectroscopic and molecular docking studies. Thermochemica Acta, 2016, 633, 140-148.	2.7	45
7	Interaction of DNA Minor Groove Binder Hoechst 33258 with Bovine Serum Albumin. Chemical and Pharmaceutical Bulletin, 2009, 57, 481-486.	1.3	42
8	Spectroscopic studies of binding interactions of 2-chloroethylphenyl sulphide with bovine serum albumin. Journal of Molecular Liquids, 2021, 340, 117144.	4.9	29
9	Spectroscopic and molecular modelling study of binding mechanism of bovine serum albumin with phosmet. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 244, 118803.	3.9	27
10	Curcumin-loaded liposomes for wound healing: Preparation, optimization, in-vivo skin permeation and bioevaluation. Journal of Drug Delivery Science and Technology, 2019, 49, 683-691.	3.0	25
11	Design, synthesis and biological evaluation of antimalarial activity of new derivatives of 2,4,6-s-triazine. Chemistry Central Journal, 2017, 11, 132.	2.6	24
12	Quantitative Structure Activity Relationship Study of 2,4,6-trisubstituted-s-triazine Derivatives as Antimalarial Inhibitors of <i>Plasmodium Falciparum</i> Dihydrofolate Reductase. Chemical Biology and Drug Design, 2011, 77, 57-62.	3.2	22
13	In vivo anti-arthritis efficacy of <i>Camellia sinensis</i> (L.) in collagen induced arthritis model. Biomedicine and Pharmacotherapy, 2017, 87, 92-101.	5.6	20
14	Luminescence, circular dichroism and <i>in silico</i> studies of binding interaction of synthesized naphthylchalcone derivatives with bovine serum albumin. Luminescence, 2017, 32, 1252-1262.	2.9	16
15	Binding studies for the interaction between hazardous organophosphorus compound phosmet and lysozyme: Spectroscopic and In-silico analyses. Journal of Molecular Liquids, 2022, 355, 118954.	4.9	16
16	Quantitative Structure-Property Relationship (Correlation Analysis) of Phosphonic Acid-Based Chelates in Design of MRI Contrast Agent. Chemical Biology and Drug Design, 2009, 74, 87-91.	3.2	14
17	Facile synthesis of non-ionic dimeric molecular resonance imaging contrast agent: its relaxation and luminescence studies. Dalton Transactions, 2011, 40, 3346.	3.3	14
18	Design, Synthesis, and <i>In Vitro</i> Antiproliferative Activity of Benzimidazole Analogues for Radiopharmaceutical Efficacy. Cancer Biotherapy and Radiopharmaceuticals, 2010, 25, 245-250.	1.0	13

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19	p-Tertbutylcalix[4]arene nanoemulsion: Preparation, characterization and comparative evaluation of its decontamination efficacy against Technetium-99m, Iodine-131 and Thallium-201. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 114-121.	5.0	12
20	Design, synthesis and biological evaluation of methyl-2-(2-(5-bromo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (benzoxazolone)acetate. <i>Journal of Molecular Catalysis B: Biocatalysis</i> , 2014, 114, 114-121.	3.6	12
21	Pharmacophore modelling, atom-based 3D-QSAR generation and virtual screening of molecules projected for mPGES-1 inhibitory activity. <i>SAR and QSAR in Environmental Research</i> , 2017, 28, 17-39.	2.2	12
22	Nanotechnology-based drug delivery systems. , 2018, , 39-79.		12
23	Ex-vivo complexation, skin permeation, interaction and cytodermal toxicity studies of p-tertbutylcalix[4]arene nanoemulsion for radiation decontamination. <i>Life Sciences</i> , 2017, 168, 65-76.	4.3	11
24	Host-guest complexation studies of p-tertbutylcalix[4]arene against ions of interest for radiological decontamination. <i>Inorganica Chimica Acta</i> , 2019, 484, 111-124.	2.4	11
25	Protection of sildenafil citrate hydrogel against radiation-induced skin wounds. <i>Burns</i> , 2020, 46, 1157-1169.	1.9	11
26	DNA binding and antiradical potential of ethyl pyruvate: Key to the DNA radioprotection. <i>Chemico-Biological Interactions</i> , 2020, 332, 109313.	4.0	8
27	Benzoxazolone-aryl piperazinyl scaffold-based PET ligand for ^{67}Zn : Synthesis and biological evaluation. <i>Drug Development Research</i> , 2022, 83, 1024-1033.	2.9	6
28	Protection by ethyl pyruvate against gamma radiation induced damage in bovine serum albumin. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 1053-1060.	7.5	4
29	Luminescence studies of binding affinity of vildagliptin with bovine serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 3002-3013.	3.5	4
30	SAR of Cu (II) Thiosemicarbazone Complexes as Hypoxic Imaging Agents: MM3 Analysis and Prediction of Biologic Properties. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2010, 25, 117-121.	1.0	3
31	Design and in silico screening of aryl allyl mercaptan analogs as potential histone deacetylases (HDAC) inhibitors. <i>Heliyon</i> , 2020, 6, e03517.	3.2	3
32	^{68}Ga -Labeled bismacrocylic methylene phosphonate as potential bone seeking PET radiopharmaceutical. <i>Bioorganic Chemistry</i> , 2020, 104, 104185.	4.1	2
33	Gd(III)-DOTA-BMPP: An Effort to Develop the MRI Contrast Agent with Enhanced Relaxivity. <i>ChemistrySelect</i> , 2016, 1, 6206-6211.	1.5	1
34	Chem-bioinformatic approach for drug discovery. , 2021, , 207-243.		1
35	Medical management of ionizing radiation-induced skin injury. <i>Radiation Protection and Environment</i> , 2022, 45, 2.	0.2	1
36	Building Compact Lexicons for Cross-Domain SMT by Mining Near-Optimal Pattern Sets. <i>Lecture Notes in Computer Science</i> , 2016, , 290-303.	1.3	0