Raghuvir R S Pissurlenkar

List of Publications by Year
in descending order

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44	806	516215 16	525886 27
papers	citations	h-index	g-index

44	44	44	1380
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, screening for antitubercular activity and 3D-QSAR studies of substituted N-phenyl-6-methyl-2-oxo-4-phenyl-1,2,3,4-tetrahydro-pyrimidine-5-carboxamides. European Journal of Medicinal Chemistry, 2008, 43, 2103-2115.	2.6	74
2	Curcumin and kaempferol prevent lysozyme fibril formation by modulating aggregation kinetic parameters. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 670-680.	1.1	74
3	Sulfobutyl Ether7 Î²-Cyclodextrin (SBE7 Î²-CD) Carbamazepine Complex: Preparation, Characterization, Molecular Modeling, and Evaluation of In Vivo Anti-epileptic Activity. AAPS PharmSciTech, 2011, 12, 1163-1175.	1.5	69
4	Furo-Fused BINOL Based Crown as a Fluorescent Chiral Sensor for Enantioselective Recognition of Phenylethylamine and Ethyl Ester of Valine. Journal of Organic Chemistry, 2007, 72, 5709-5714.	1.7	64
5	Synthesis, in vitro antitubercular activity and 3D-QSAR study of 1,4-dihydropyridines. Molecular Diversity, 2010, 14, 285-305.	2.1	40
6	Synthesis and studies of covalently linked meso-furyl boron-dipyrromethene-ferrocene conjugates. Journal of Organometallic Chemistry, 2012, 697, 65-73.	0.8	35
7	Effects of hesperidin, a flavanone glycoside interaction on the conformation, stability, and aggregation of lysozyme: multispectroscopic and molecular dynamic simulation studies?. Journal of Biomolecular Structure and Dynamics, 2015, 33, 1866-1879.	2.0	35
8	3D-QSAR studies of Dipeptidyl peptidase IV inhibitors using a docking based alignment. Journal of Molecular Modeling, 2007, 13, 1047-1071.	0.8	33
9	Valsartan inclusion by methyl-Î²-cyclodextrin: Thermodynamics, molecular modelling, Tween 80 effect and evaluation. Carbohydrate Polymers, 2014, 103, 300-309.	5.1	30
10	Physical basis for the ofloxacin-induced acceleration of lysozyme aggregation and polymorphism in amyloid fibrils. Archives of Biochemistry and Biophysics, 2016, 592, 10-19.	1.4	24
11	Ensemble QSAR: A QSAR method based on conformational ensembles and metric descriptors. Journal of Computational Chemistry, 2011, 32, 2204-2218.	1.5	23
12	Interaction of Multimicrobial Synthetic Inhibitor 1,2-Bis(2-Benzimidazolyl)-1,2-Ethanediol with Serum Albumin: Spectroscopic and Computational Studies. PLoS ONE, 2013, 8, e53499.	1.1	22
13	Telmisartan complex augments solubility, dissolution and drug delivery in prostate cancer cells. Carbohydrate Polymers, 2014, 101, 614-622.	5.1	22
14	Molecular docking and 3D-QSAR studies of HIV-1 protease inhibitors. Journal of Molecular Modeling, 2010, 16, 1251-1268.	0.8	20
15	Interaction of artesunate with Î²-cyclodextrin: Characterization, thermodynamic parameters, molecular modeling, effect of PEG on complexation and antimalarial activity. Results in Pharma Sciences, 2011, 1, 38-48.	4.2	19
16	Effects of 2-amino-8-hydroxyquinoline interaction on the conformation of physiological isomers of human serum albumin. European Biophysics Journal, 2015, 44, 193-205.	1.2	16
17	Design, synthesis, and evaluation of 4-(substituted)phenyl-2-thioxo-3,4-dihydro-1H-chromino[4,3-d]pyrimidin-5-one and 4-(substituted)phenyl-3,4-dihydro-1H-chromino[4,3-d]pyrimidine-2,5-dione analogs as antitubercular agents. Medicinal Chemistry Research, 2014, 23, 2564-2575.	1.1	15
18	Molecular Mechanics Force Fields and their Applications in Drug Design. Anti-Infective Agents in Medicinal Chemistry, 2009, 8, 128-150.	0.6	14

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19	Molecular modeling studies, synthesis, and biological evaluation of Plasmodium falciparum enoyl-acyl carrier protein reductase (PfENR) inhibitors. Molecular Diversity, 2009, 13, 501-517.	2.1	14
20	Encoding Type and Position in Peptide QSAR: Application to Peptides Binding to Class I MHC Molecule HLA-A*0201. QSAR and Combinatorial Science, 2007, 26, 189-203.	1.5	13
21	Design, Synthesis, Structural Characterization by <scp>IR</scp>, ¹H, ¹³C, ¹⁵N, 2Dâ€<scp>NMR</scp>, Xâ€Ray Diffraction and Evaluation of a New Class of Phenylaminoacetic Acid Benzylidene Hydrazines as pf<scp>ENR</scp> Inhibitors. Chemical Biology and Drug Design, 2013, 81, 715-729.	1.5	11
22	Quantifying ligandâ€“receptor interactions for gorge-spanning acetylcholinesterase inhibitors for the treatment of Alzheimerâ€™s disease. Journal of Biomolecular Structure and Dynamics, 2015, 33, 1107-1125.	2.0	11
23	Assessment of elementary derivatives of 1,5-benzodiazepine as anticancer agents with synergy potential. Bioorganic Chemistry, 2021, 117, 105331.	2.0	11
24	Characterization of pioglitazone cyclodextrin complexes: Molecular modeling to in vivo evaluation. Journal of Pharmacy and Bioallied Sciences, 2016, 8, 161.	0.2	10
25	Sizeâ€Induced Chiral Discrimination Switching by (S)â€(â˜)â€2(Î±â€Hydroxyethyl)Benzimidazoleâ€Derived Azacrowns. ChemPlusChem, 2015, 80, 475-479.	1.3	9
26	Targeting Dormant Tuberculosis Bacilli: Results for Molecules with a Novel Pyrimidone Scaffold. Chemical Biology and Drug Design, 2015, 85, 201-207.	1.5	9
27	How good are ensembles in improving QSAR models? The case with eCoRIA. Journal of Biomolecular Structure and Dynamics, 2015, 33, 749-769.	2.0	9
28	Design, Synthesis and Antidiabetic Activity of Biphenylcarbonitrileâ€Thiazolidinedione Conjugates as Potential Î±â€Amylase Inhibitors. ChemistrySelect, 2021, 6, 2464-2469.	0.7	8
29	HomoSAR: Bridging comparative protein modeling with quantitative structural activity relationship to design new peptides. Journal of Computational Chemistry, 2013, 34, 2635-2646.	1.5	7
30	Evaluation of risedronate as an antibiofilm agent. Journal of Medical Microbiology, 2016, 65, 9-18.	0.7	7
31	Binary and Ternary Complexes of Arteether Î²-CD - Characterization, Molecular Modeling and in Vivo Studies. Pharmacology & Pharmacy, 2011, 02, 212-225.	0.2	7
32	Identification of novel potential anti-diabetic candidates targeting human pancreatic Î±-amylase and human Î±-glycosidase: an exhaustive structure-based screening. Canadian Journal of Chemistry, 2022, 100, 338-352.	0.6	7
33	Mapping interactions of gastric inhibitory polypeptide with GIPR Nâ€terminus using NMR and molecular dynamics simulations. Journal of Peptide Science, 2010, 16, 383-391.	0.8	6
34	Identification of new checkpoint kinase-1 (Chk1) inhibitors by docking, 3D-QSAR, and pharmacophore-modeling methods. Canadian Journal of Chemistry, 2012, 90, 675-692.	0.6	6
35	Extracting structural requirements for activity of GPR119 agonists: a hologram quantitative structure activity relationship (HQSAR) study. Canadian Journal of Chemistry, 2014, 92, 670-676.	0.6	6
36	The reorganization of conformations, stability and aggregation of serum albumin isomers through the interaction of glycopeptide antibiotic teicoplanin: A thermodynamic and spectroscopy study. International Journal of Biological Macromolecules, 2020, 163, 66-78.	3.6	6

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37	Mapping activity elements of protegrin antimicrobial peptides by HomoSAR. RSC Advances, 2015, 5, 78790-78798.	1.7	5
38	Novel p-Functionalized Chromen-4-on-3-yl Chalcones Bearing Astonishing Boronic Acid Moiety as MDM2 Inhibitor: Synthesis, Cytotoxic Evaluation and Simulation Studies. Medicinal Chemistry, 2020, 16, 212-228.	0.7	5
39	HomoSAR: An Integrated Approach Using Homology Modeling and Quantitative Structure-Activity Relationship for Activity Prediction of Peptides. Scholarly Research Exchange, 2008, 2008, 1-12.	0.2	4
40	The cocrystal of 3-((4-(3-isocyanobenzyl) piperazine-1-yl) methyl) benzonitrile with 5-hydroxy isophthalic acid prevents protofibril formation of serum albumin. Journal of Biomolecular Structure and Dynamics, 2020, , 1-11.	2.0	2
41	Molecular Modeling Studies, Synthesis and Biological Evaluation of Novel Plasmodium falciparum Lactate Dehydrogenase (pfLDH) Inhibitors. Anti-Infective Agents, 2012, 10, 55-71.	0.1	1
42	New family of fluorogenic azacrown probes with identical cavity size but different electronic environment outside the macrocycle: effects on sensitivity of Cu2+ detection. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 81, 251-261.	0.9	1
43	In silicooptimization of pharmacokinetic properties and receptor binding affinity simultaneously: a â€˜parallel progression approach to drug designâ€™ applied to Î²-blockers. Journal of Biomolecular Structure and Dynamics, 2016, 34, 384-398.	2.0	1
44	Design, synthesis and molecular docking studies of new azomethine derivatives as promising anti-inflammatory agents. Bioorganic Chemistry, 2022, 120, 105595.	2.0	1