Raghuvir R S Pissurlenkar

List of Publications by Citations

44 papers	684 citations	15 h-index	25 g-index
44 ext. papers	740 ext. citations	3.3 avg, IF	3.61 L-index

#	Paper	IF	Citations
44	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, 2103-15	6.8	69
43	Curcumin and kaempferol prevent lysozyme fibril formation by modulating aggregation kinetic parameters. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2014**, 1844, 670-80	4	66
42	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, 5709-14	4.2	62
41	Sulfobutyl ether(7) Ecyclodextrin (SBE(7) ECD) carbamazepine complex: preparation, characterization, molecular modeling, and evaluation of in vivo anti-epileptic activity. *AAPS PharmSciTech*, **2011**, 12, 1163-75	3.9	57
40	Synthesis, in vitro antitubercular activity and 3D-QSAR study of 1,4-dihydropyridines. *Molecular Diversity*, **2010**, 14, 285-305	3.1	38
39	Synthesis and studies of covalently linked meso-furyl boron-dipyrromethene-ferrocene conjugates. *Journal of Organometallic Chemistry*, **2012**, 697, 65-73	2.3	32
38	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, 1866-79	3.6	30
37	3D-QSAR studies of Dipeptidyl peptidase IV inhibitors using a docking based alignment. *Journal of Molecular Modeling*, **2007**, 13, 1047-71	2	30
36	Valsartan inclusion by methyl-Ecyclodextrin: thermodynamics, molecular modelling, Tween 80 effect and evaluation. *Carbohydrate Polymers*, **2014**, 103, 300-9	10.3	26
35	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	3.7	20
34	Physical basis for the ofloxacin-induced acceleration of lysozyme aggregation and polymorphism in amyloid fibrils. *Archives of Biochemistry and Biophysics*, **2016**, 592, 10-9	4.1	19
33	Telmisartan complex augments solubility, dissolution and drug delivery in prostate cancer cells. *Carbohydrate Polymers*, **2014**, 101, 614-22	10.3	18
32	Ensemble QSAR: a QSAR method based on conformational ensembles and metric descriptors. *Journal of Computational Chemistry*, **2011**, 32, 2204-18	3.5	18
31	Molecular docking and 3D-QSAR studies of HIV-1 protease inhibitors. *Journal of Molecular Modeling* , **2010**, 16, 1251-68	2	17
30	Interaction of artesunate with Ecyclodextrin: Characterization, thermodynamic parameters, molecular modeling, effect of PEG on complexation and antimalarial activity. *Results in Pharma Sciences*, **2011**, 1, 38-48		16
29	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	2.2	15
28	Effects of 2-amino-8-hydroxyquinoline interaction on the conformation of physiological isomers of human serum albumin. *European Biophysics Journal*, **2015**, 44, 193-205	1.9	14

27	Molecular modeling studies, synthesis, and biological evaluation of Plasmodium falciparum enoyl-acyl carrier protein reductase (PfENR) inhibitors. *Molecular Diversity*, **2009**, 13, 501-17	3.1	14
26	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		12
25	Design, synthesis, structural characterization by IR, (1) H, (13) C, (15) N, 2D-NMR, X-ray diffraction and evaluation of a new class of phenylaminoacetic acid benzylidene hydrazines as pfENR inhibitors. *Chemical Biology and Drug Design*, **2013**, 81, 715-29	2.9	11
24	Quantifying ligand-receptor interactions for gorge-spanning acetylcholinesterase inhibitors for the treatment of Alzheimer's disease. *Journal of Biomolecular Structure and Dynamics*, **2015**, 33, 1107-25	3.6	10
23	Molecular Mechanics Force Fields and their Applications in Drug Design. *Anti-Infective Agents in Medicinal Chemistry*, **2009**, 8, 128-150		10
22	Size-Induced Chiral Discrimination Switching by (S)-(-)-2(Hydroxyethyl)Benzimidazole-Derived Azacrowns. *ChemPlusChem*, **2015**, 80, 475-479	2.8	9
21	Targeting dormant tuberculosis bacilli: results for molecules with a novel pyrimidone scaffold. *Chemical Biology and Drug Design*, **2015**, 85, 201-7	2.9	8
20	How good are ensembles in improving QSAR models? The case with eCoRIA. *Journal of Biomolecular Structure and Dynamics*, **2015**, 33, 749-69	3.6	7
19	Evaluation of risedronate as an antibiofilm agent. *Journal of Medical Microbiology*, **2016**, 65, 9-18	3.2	7
18	HomoSAR: bridging comparative protein modeling with quantitative structural activity relationship to design new peptides. *Journal of Computational Chemistry*, **2013**, 34, 2635-46	3.5	6
17	Identification of new checkpoint kinase-1 (Chk1) inhibitors by docking, 3D-QSAR, and pharmacophore-modeling methods. *Canadian Journal of Chemistry*, **2012**, 90, 675-692	0.9	6
16	Extracting structural requirements for activity of GPR119 agonists: a hologram quantitative structure activity relationship (HQSAR) study. *Canadian Journal of Chemistry*, **2014**, 92, 670-676	0.9	5
15	Mapping interactions of gastric inhibitory polypeptide with GIPR N-terminus using NMR and molecular dynamics simulations. *Journal of Peptide Science*, **2010**, 16, 383-91	2.1	5
14	Characterization of pioglitazone cyclodextrin complexes: Molecular modeling to in vivo evaluation. *Journal of Pharmacy and Bioallied Sciences*, **2016**, 8, 161-9	1.1	5
13	Binary and Ternary Complexes of Arteether CD - Characterization, Molecular Modeling and in Vivo Studies. *Pharmacology & Pharmacy*, **2011**, 02, 212-225	0.3	5
12	Mapping activity elements of protegrin antimicrobial peptides by HomoSAR. *RSC Advances*, **2015**, 5, 78790-78798	3.7	4
11	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	7.9	3
10	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	1.8	3

9	HomoSAR: An Integrated Approach Using Homology Modeling and Quantitative Structure-Activity Relationship for Activity Prediction of Peptides. *Scholarly Research Exchange*, **2008**, 2008, 1-12		3
8	In silico optimization of pharmacokinetic properties and receptor binding affinity simultaneously: a Tparallel progression approach to drug designTapplied to -blockers. *Journal of Biomolecular Structure and Dynamics*, **2016**, 34, 384-98	3.6	1
7	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	1.7	1
6	Molecular Modeling Studies, Synthesis and Biological Evaluation of Novel Plasmodium falciparum Lactate Dehydrogenase (pfLDH) Inhibitors. *Anti-Infective Agents*, **2012**, 10, 55-71	0.6	1
5	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	3.6	1
4	Design, synthesis and molecular docking studies of new azomethine derivatives as promising anti-inflammatory agents.. *Bioorganic Chemistry*, **2022**, 120, 105595	5.1	0
3	Design, Synthesis and Antidiabetic Activity of Biphenylcarbonitrile-Thiazolidinedione Conjugates as Potential Amylase Inhibitors. *ChemistrySelect*, **2021**, 6, 2464-2469	1.8	0
2	Assessment of elementary derivatives of 1,5-benzodiazepine as anticancer agents with synergy potential. *Bioorganic Chemistry*, **2021**, 117, 105331	5.1	0
1	Identification of novel potential anti-diabetic candidates targeting human pancreatic amylase and human glycosidase: an exhaustive structure-based screening. *Canadian Journal of Chemistry*,1-15	0.9	0