

Viney S Lather

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,253
citations

331538

21
h-index

223716

46
g-index

60
all docs

60
docs citations

60
times ranked

3704
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendrimers in drug delivery and targeting: Drug-dendrimer interactions and toxicity issues. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2014, 6, 139.	0.2	496
2	Solid lipid nanoparticles enhance oral bioavailability of resveratrol, a natural polyphenol. <i>Food Research International</i> , 2014, 62, 1165-1174.	2.9	243
3	Updates on Aldose Reductase Inhibitors for Management of Diabetic Complications and Non-diabetic Diseases. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 16, 120-162.	1.1	144
4	Nanostructured lipid carriers: versatile oral delivery vehicle. <i>Future Science OA</i> , 2016, 2, FSO135.	0.9	122
5	Hybrid poly(lactic-co-glycolic acid) nanoparticles: design and delivery prospectives. <i>Drug Discovery Today</i> , 2015, 20, 95-104.	3.2	108
6	Green synthesis of therapeutic nanoparticles: an expanding horizon. <i>Nanomedicine</i> , 2015, 10, 2451-2471.	1.7	80
7	Development of Lipid-Based Nanoparticles for Enhancing the Oral Bioavailability of Paclitaxel. <i>AAPS PharmSciTech</i> , 2011, 12, 712-722.	1.5	79
8	Resveratrol loaded functionalized nanostructured lipid carriers for breast cancer targeting: Systematic development, characterization and pharmacokinetic evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 756-766.	2.5	69
9	Evaluation of polyamidoamine dendrimers as potential carriers for quercetin, a versatile flavonoid. <i>Drug Delivery</i> , 2016, 23, 254-262.	2.5	65
10	Mesoporous silica nanoparticles: a smart nanosystem for management of breast cancer. <i>Drug Discovery Today</i> , 2018, 23, 315-332.	3.2	59
11	Recent Updates on Glucokinase Activators for the Treatment of Type 2 Diabetes Mellitus. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014, 14, 585-602.	1.1	59
12	Lipid-PLGA hybrid nanoparticles of paclitaxel: Preparation, characterization, in vitro and in vivo evaluation. <i>Materials Science and Engineering C</i> , 2020, 109, 110576.	3.8	53
13	Biochanin A: A phytoestrogen with therapeutic potential. <i>Trends in Food Science and Technology</i> , 2018, 79, 55-66.	7.8	50
14	Stability indicating simplified HPLC method for simultaneous analysis of resveratrol and quercetin in nanoparticles and human plasma. <i>Food Chemistry</i> , 2016, 197, 959-964.	4.2	44
15	Topological models for the prediction of anti-HIV activity of dihydro (alkylthio) (naphthylmethyl) oxopyrimidines. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 1599-1604.	1.4	34
16	Design, synthesis and biological evaluation of novel thiazol-2-yl benzamide derivatives as glucokinase activators. <i>Computational Biology and Chemistry</i> , 2018, 73, 221-229.	1.1	31
17	Recent updates on development of protein-tyrosine phosphatase 1B inhibitors for treatment of diabetes, obesity and related disorders. <i>Bioorganic Chemistry</i> , 2022, 121, 105626.	2.0	27
18	QSAR Models for Prediction of Glycogen Synthase Kinase-3 ^β Inhibitory Activity of Indirubin Derivatives. <i>QSAR and Combinatorial Science</i> , 2008, 27, 718-728.	1.5	26

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19	Biocompatible PLGA-oil hybrid nanoparticles for high loading and controlled delivery of resveratrol. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 30, 54-62.	1.4	26
20	Aegle marmelos leaf extract ameliorates the cognitive impairment and oxidative stress induced by intracerebroventricular streptozotocin in male rats. <i>Life Sciences</i> , 2019, 221, 196-203.	2.0	26
21	Role of phytoconstituents in the management of COVID-19. <i>Chemico-Biological Interactions</i> , 2021, 341, 109449.	1.7	25
22	Diverse classification models for anti-hepatitis C virus activity of thiourea derivatives. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 140, 13-21.	1.8	23
23	Synthesis, Docking and Antidiabetic Activity of Some Newer Benzamide Derivatives as Potential Glucokinase Activators. <i>Letters in Drug Design and Discovery</i> , 2017, 14, 540-553.	0.4	22
24	Topological models for the prediction of HIV-protease inhibitory activity of tetrahydropyrimidin-2-ones. <i>Journal of Molecular Graphics and Modelling</i> , 2005, 23, 339-345.	1.3	21
25	Optimization and Development of Methotrexate- and Resveratrol-Loaded Nanoemulsion Formulation Using Box-Behnken Design for Rheumatoid Arthritis. <i>Assay and Drug Development Technologies</i> , 2020, 18, 356-368.	0.6	21
26	Toward the Design of Mutation-Resistant Enzyme Inhibitors: Further Evaluation of the Substrate Envelope Hypothesis. <i>Chemical Biology and Drug Design</i> , 2009, 74, 234-245.	1.5	20
27	Recent Developments in Medicinal Chemistry of Allosteric Activators of Human Glucokinase for Type 2 Diabetes Mellitus Therapeutics. <i>Current Pharmaceutical Design</i> , 2020, 26, 2510-2552.	0.9	19
28	Topological model for the prediction of MRP1 inhibitory activity of pyrrolopyrimidines and templates derived from pyrrolopyrimidine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4967-4972.	1.0	17
29	A facile green approach to prepare core-shell hybrid PLGA nanoparticles for resveratrol delivery. <i>International Journal of Biological Macromolecules</i> , 2016, 84, 380-384.	3.6	17
30	Proniosomal gel-mediated transdermal delivery of bromocriptine: <i>in vitro</i> and <i>ex vivo</i> evaluation. <i>Journal of Experimental Nanoscience</i> , 2016, 11, 1044-1057.	1.3	16
31	Resveratrol-loaded folate targeted lipoprotein-mimetic nanoparticles with improved cytotoxicity, antioxidant activity and pharmacokinetic profile. <i>Materials Science and Engineering C</i> , 2020, 114, 111016.	3.8	16
32	Design, synthesis and evaluation of novel 3,5-disubstituted benzamide derivatives as allosteric glucokinase activators. <i>BMC Chemistry</i> , 2019, 13, 2.	1.6	15
33	Recent Updates on Peroxisome Proliferator-Activated Receptor γ Agonists for the Treatment of Metabolic Syndrome. <i>Medicinal Chemistry</i> , 2016, 12, 3-21.	0.7	14
34	Targeting matrix metalloproteinases with novel diazepine substituted cinnamic acid derivatives: design, synthesis, <i>in vitro</i> and <i>in silico</i> studies. <i>Chemistry Central Journal</i> , 2018, 12, 41.	2.6	13
35	<i>N</i> -pyridin-2-yl benzamide analogues as allosteric activators of glucokinase: Design, synthesis, <i>in vitro</i> , <i>in silico</i> and <i>in vivo</i> evaluation. <i>Chemical Biology and Drug Design</i> , 2019, 93, 364-372.	1.5	13
36	QSAR Models for Prediction of PPAR γ Agonistic Activity of Indanylacetic Acid Derivatives. <i>QSAR and Combinatorial Science</i> , 2009, 28, 447-457.	1.5	11

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37	Albumin-Coated Mesoporous Silica Nanoparticles of Docetaxel: Preparation, Characterization, and Pharmacokinetic Evaluation. <i>Assay and Drug Development Technologies</i> , 2021, 19, 226-236.	0.6	11
38	Nanostructured Lipid Carriers for Topical Delivery of An Anti-Acne Drug: Characterization and ex vivo Evaluation. <i>Pharmaceutical Nanotechnology</i> , 2015, 3, 122-133.	0.6	11
39	Natural alkaloids targeting EGFR in non-small cell lung cancer: Molecular docking and ADMET predictions. <i>Chemico-Biological Interactions</i> , 2022, 358, 109901.	1.7	11
40	Synthesis, Antimicrobial Activity and QSAR Studies of Some New Sparfloxacin Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2018, 52, 444-454.	0.3	10
41	Enzymatic inhibitory activity of iridoid glycosides from <i>Picrorrhiza kurroa</i> against matrix metalloproteinases: Correlating in vitro targeted screening and docking. <i>Computational Biology and Chemistry</i> , 2019, 78, 28-36.	1.1	10
42	Synthesis, Docking and Anti-inflammatory Activity of Triazole Amine Derivatives as Potential Phosphodiesterase-4 Inhibitors. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2017, 16, 58-67.	1.1	9
43	Flavonoids: A Nutraceutical and Its Role as Anti-inflammatory and Anticancer Agent. , 2017, , 255-270.		8
44	Synthesis, Docking and Evaluation of Phenylacetic Acid and Trifluoro-methylphenyl Substituted Benzamide Derivatives as Potential PPAR γ Agonists. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.4	8
45	Synthesis, Anti-inflammatory Activity and Docking Studies of Some Newer 1,3-Thiazolidine-2,4-dione Derivatives as Dual Inhibitors of PDE4 and PDE7. <i>Current Computer-Aided Drug Design</i> , 2019, 15, 225-234.	0.8	7
46	Design, Synthesis and Antidiabetic Activity of Novel Sulfamoyl Benzamide Derivatives as Glucokinase Activators. <i>Journal of Pharmaceutical Technology Research and Management</i> , 2018, 6, 115-124.	0.3	7
47	Diverse models for anti-HIV activity of purine nucleoside analogs. <i>Chemistry Central Journal</i> , 2015, 9, 29.	2.6	6
48	Quantitative Structure-Activity Relationship Models with Receptor-Dependent Descriptors for Predicting Peroxisome Proliferator-Activated Receptor Activities of Thiazolidinedione and Oxazolidinedione Derivatives. <i>Chemical Biology and Drug Design</i> , 2009, 73, 428-441.	1.5	4
49	Recent Review on Subclass B1 Metallo- β -lactamases Inhibitors: Sword for Antimicrobial Resistance. <i>Current Drug Targets</i> , 2019, 20, 756-762.	1.0	4
50	Molecular docking assessment of N-heteroaryl substituted benzamide derivatives as glucokinase activators. <i>Asian Journal of Pharmacy and Pharmacology</i> , 2018, 5, 129-136.	0.1	4
51	Comparative QSAR Analyses of Competitive CYP2C9 Inhibitors using Three-Dimensional Molecular Descriptors. <i>Chemical Biology and Drug Design</i> , 2011, 78, 112-123.	1.5	3
52	Novel Cinnamic Acid Derivatives as Potential PPAR γ Agonists for Metabolic Syndrome: Design, Synthesis, Evaluation and Docking Studies. <i>Current Drug Discovery Technologies</i> , 2020, 17, 338-347.	0.6	3
53	Mesoporous Silica Nanoparticles. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2018, , 192-246.	0.3	3
54	Predicting Acyl-Coenzyme A: Cholesterol O-Acyltransferase Inhibitory Activity: Computational Approach Using Topological Descriptors. <i>Drug Design and Discovery</i> , 2003, 18, 117-122.	0.3	3

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55	Predicting Dopamine Receptors Binding Affinity of N-[4-(4-Arylpiperazin- 1-yl) butyl]Aryl Carboxamides: Computational Approach Using Topological Descriptors. Current Drug Discovery Technologies, 2005, 2, 115-121.	0.6	2
56	Small Molecule Allosteric Activators of Human Glucokinase for the Treatment of Type 2 Diabetes: Current Status and Challenges. Current Drug Discovery Technologies, 2022, 19, .	0.6	2
57	TOPOLOGICAL MODELS FOR THE PREDICTION OF NEUTRAL ENDOPEPTIDASE AND ANGIOTENSIN-CONVERTING ENZYME INHIBITORY ACTIVITY OF MERCAPTOACYLDIPEPTIDES. Journal of Theoretical and Computational Chemistry, 2006, 05, 565-577.	1.8	1
58	Nanocarriers in Drug and Gene Delivery. , 2018, , 71-102.		1
59	Protective Effect of <i>Dalbergia sissoo</i> Extract Against Amyloid- β (1-42)-induced Memory Impairment, Oxidative Stress, and Neuroinflammation in Rats. Turkish Journal of Pharmaceutical Sciences, 2021, 18, 104-110.	0.6	1
60	Therapeutic implications of inorganic nanoparticles for codelivery of bioactives in cancer therapy. , 2021, , 163-194.		0