Srinivas Bandaru

List of Publications by Year
in descending order

Version: 2024-02-01

41 papers	773 citations	331670 21 h-index	580821 25 g-index
42 all docs	42 docs citations	42 times ranked	518 citing authors

#	Article	IF	Citations
1	Intrinsic activation of cardiosphere-derived cells enhances myocardial repair. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 1479-1490.e5.	0.8	13
2	Structure-based design of gRNA for Cas13. Scientific Reports, 2020, 10, 11610.	3.3	27
3	Impact of heavy rains of 2018 in western Japan: disaster-induced health outcomes among the population of Innoshima Island. Heliyon, 2020, 6, e03942.	3.2	11
4	Association of CnB 5I/5D promoter gene polymorphism and serum calcineurin levels in early onset of coronary artery disease of south Indian cohort. Gene, 2017, 632, 1-6.	2.2	2
5	Molecular dynamic simulations reveal suboptimal binding of salbutamol in T164I variant of Î²2 adrenergic receptor. PLoS ONE, 2017, 12, e0186666.	2.5	34
6	Helix-Coil Transition Signatures B-Raf V600E Mutation and Virtual Screening for Inhibitors Directed Against Mutant B-Raf. Current Drug Metabolism, 2017, 18, 527-534.	1.2	22
7	Development of MLR and SVM Aided QSAR Models to Identify Common SAR of GABA Uptake Herbal Inhibitors used in the Treatment of Schizophrenia. Current Neuropharmacology, 2017, 15, 1085-1092.	2.9	17
8	A Virtual Screening Approach for the Identification of High Affinity Small Molecules Targeting BCR-ABL1 Inhibitors for the Treatment of Chronic Myeloid Leukemia. Current Topics in Medicinal Chemistry, 2017, 17, 2989-2996.	2.1	31
9	Common SAR Derived from Linear and Non-linear QSAR Studies on AChE Inhibitors used in the Treatment of Alzheimer's Disease. Current Neuropharmacology, 2017, 15, 1093-1099.	2.9	9
10	Design, synthesis and computational evaluation of a novel intermediate salt of N-cyclohexyl-N-(cyclohexylcarbamoyl)-4-(trifluoromethyl) benzamide as potential potassium channel blocker in epileptic paroxysmal seizures. Computational Biology and Chemistry, 2016, 64, 64-73.	2.3	26
11	Design and synthesis of chiral 2 H -chromene- N -imidazolo-amino acid conjugates as aldose reductase inhibitors. European Journal of Medicinal Chemistry, 2016, 124, 750-762.	5.5	26
12	Association of Beta 2 adrenergic receptor (Thr164Ile) polymorphism with Salbutamol refractoriness in severe asthmatics from Indian population. Gene, 2016, 592, 15-22.	2.2	21
13	Identification of Small Molecule as a High Affinity Î²2 Agonist Promiscuously Targeting Wild and Mutated (Thr164Ile) Î² 2 Adrenergic Receptor in the Treatment of Bronchial Asthma. Current Pharmaceutical Design, 2016, 22, 5221-5233.	1.9	23
14	Common SAR Derived from Multiple QSAR Models on Vorinostat Derivatives Targeting HDACs in Tumor Treatment. Current Pharmaceutical Design, 2016, 22, 5072-5078.	1.9	4
15	Structural basis for the in vitro known acyl-depsipeptide 2 (ADEP2) inhibition to Clp 2 protease from Mycobacterium tuberculosis. Bioinformation, 2016, 12, 92-97.	0.5	17
16	Virtual screening of RAGE inhibitors using molecular docking. Bioinformation, 2016, 12, 124-130.	0.5	3
17	Identification and Pharmacological Analysis of High Efficacy Small Molecule Inhibitors of EGF-EGFR Interactions in Clinical Treatment of Non-Small Cell Lung Carcinoma: a Computational Approach. Asian Pacific Journal of Cancer Prevention, 2016, 16, 8191-8196.	1.2	21
18	Pharmacological Analysis of Vorinostat Analogues as Potential Anti-tumor Agents Targeting Human Histone Deacetylases: an Epigenetic Treatment Stratagem for Cancers. Asian Pacific Journal of Cancer Prevention, 2016, 17, 1571-1576.	1.2	18

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19	Virtual Screening Approaches in Identification of Bioactive Compounds Akin to Delphinidin as Potential HER2 Inhibitors for the Treatment of Breast Cancer. Asian Pacific Journal of Cancer Prevention, 2016, 17, 2291-2295.	1.2	33
20	Multiclass Comparative Virtual Screening to Identify Novel Hsp90 Inhibitors: A Therapeutic Breast Cancer Drug Target. Current Topics in Medicinal Chemistry, 2015, 15, 57-64.	2.1	23
21	Identification of High Affinity Bioactive Salbutamol Conformer Directed Against Mutated (Thr164Ile) Beta 2 Adrenergic Receptor. Current Topics in Medicinal Chemistry, 2015, 15, 50-56.	2.1	21
22	Molecular docking based screening of GABA (A) receptor inhibitors from plant derivatives. Bioinformation, 2015, 11, 280-289.	0.5	27
23	An In silico Approach for Identification of Novel Inhibitors as a Potential Therapeutics Targeting HIV-1 Viral Infectivity Factor. Current Topics in Medicinal Chemistry, 2015, 15, 65-72.	2.1	28
24	Computer aided identification of sodium channel blockers in the clinical treatment of epilepsy using molecular docking tools. Bioinformation, 2015, 11, 131-137.	0.5	22
25	Molecular Docking studies of FKBP12-mTOR inhibitors using binding predictions. Bioinformation, 2015, 11, 307-315.	0.5	25
26	Association of Transforming Growth Factor-Beta 1 Promoter Variant -509 C/T with Bronchial Asthma in South Indian Population. Inflammation, 2015, 38, 409-414.	3.8	1
27	Analysis of ADRB2 (Arg16Gly) Gene Variant with Susceptibility, Pharmacogenetic Response and Disease Severity in South Indian Asthmatics. Inflammation, 2015, 38, 2146-2155.	3.8	5
28	Screening, Isolation and Identification of Probiotic Producing Lactobacillus acidophilus Strains EMBS081 & EMBS082 by 16S rRNA Gene Sequencing. Interdisciplinary Sciences, Computational Life Sciences, 2015, 7, 242-248.	3.6	10
29	Isolation and characterization of a novel chlorpyrifos degrading flavobacterium species EMBS0145 by 16S rRNA gene sequencing. Interdisciplinary Sciences, Computational Life Sciences, 2015, 7, 1-6.	3.6	16
30	Regulative Role of Atomic Auto Correlated Electronegativities and Polarizabilities in Î²2 Potency of Ultralong Acting Agonists Identified in QSAR Studies. Current Bioinformatics, 2015, 10, 503-508.	1.5	1
31	Identification of Azo Dye Degrading Sphingomonas Strain EMBS022 and EMBS023 Using 16S rRNA Gene Sequencing. Current Bioinformatics, 2015, 10, 599-605.	1.5	5
32	Molecular Docking and Pharmacological Investigations of Rivastigmine-Fluoxetine and Coumarinâ€“Tacrine hybrids against Acetyl Choline Esterase. Bioinformation, 2015, 11, 378-386.	0.5	24
33	An in silico Appraisal to Identify High Affinity Anti-Apoptotic Synthetic Tetrapeptide Inhibitors Targeting the Mammalian Caspase 3 Enzyme. Asian Pacific Journal of Cancer Prevention, 2015, 15, 10137-10142.	1.2	21
34	High Affinity Pharmacological Profiling of Dual Inhibitors Targeting RET and VEGFR2 in Inhibition of Kinase and Angiogeneis Events in Medullary Thyroid Carcinoma. Asian Pacific Journal of Cancer Prevention, 2015, 16, 7089-7095.	1.2	28
35	Identification of High Affinity Non-Peptidic Small Molecule Inhibitors of MDM2-p53 Interactions through Structure-Based Virtual Screening Strategies. Asian Pacific Journal of Cancer Prevention, 2015, 16, 3759-3765.	1.2	19
36	Molecular docking analysis of RN18 and VEC5 in A3G-Vif inhibition. Bioinformation, 2014, 10, 611-616.	0.5	22

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37	Structure based virtual screening of ligands to identify cysteinyl leukotriene receptor 1 antagonist. Bioinformation, 2014, 10, 652-657.	0.5	27
38	Molecular docking approaches in identification of high affinity inhibitors of human SMO receptor. Bioinformation, 2014, 10, 737-742.	0.5	28
39	Alkyloxy carbonyl modified hexapeptides as a high affinity compounds for Wnt5A protein in the treatment of psoriasis. Bioinformation, 2014, 10, 743-749.	0.5	22
40	Binding Modes and Pharmacophoric Features of Muscarinic Antagonism and β2 Agonism (MABA) Conjugates. Current Topics in Medicinal Chemistry, 2013, 13, 1650-1655.	2.1	19
41	Immunotherapeutic Approach for Better Management of Cancer - Role of IL-18. Asian Pacific Journal of Cancer Prevention, 2012, 13, 5353-5361.	1.2	20