Chelliah Selvam

List of Publications by Year
in descending order

20 papers	746 citations	623734 14 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	1238 citing authors

#	Article	IF	Citations
1	A comprehensive review on glucokinase activators: Promising agents for the treatment of Type 2 diabetes. Chemical Biology and Drug Design, 2022, 99, 247-263.	3.2	13
2	Antiviral activities of natural compounds and ionic liquids to inhibit the Mpro of SARS-CoV-2: a computational approach. RSC Advances, 2022, 12, 3687-3695.	3.6	12
3	Synergistic effects of curcumin and its analogs with other bioactive compounds: A comprehensive review. European Journal of Medicinal Chemistry, 2021, 210, 113072.	5.5	47
4	Methods of hexagonal boron nitride exfoliation and its functionalization: covalent and non-covalent approaches. RSC Advances, 2021, 11, 31284-31327.	3.6	41
5	Targeting severe acute respiratory syndrome-coronavirus (SARS-CoV-1) with structurally diverse inhibitors: a comprehensive review. RSC Advances, 2020, 10, 28287-28299.	3.6	15
6	Histone Deacetylase Inhibitors as Multitarget-Directed Epi-Drugs in Blocking PI3K Oncogenic Signaling: A Polypharmacology Approach. International Journal of Molecular Sciences, 2020, 21, 8198.	4.1	17
7	Discovery of Vascular Endothelial Growth Factor Receptorâ€2 (VEGFRâ€2) Inhibitors by Ligandâ€based Virtual High Throughput Screening. Molecular Informatics, 2020, 39, e1900150.	2.5	5
8	Molecular mechanisms of curcumin and its analogs in colon cancer prevention and treatment. Life Sciences, 2019, 239, 117032.	4.3	75
9	Cellular Effects of Butyrate on Vascular Smooth Muscle Cells are Mediated through Disparate Actions on Dual Targets, Histone Deacetylase (HDAC) Activity and PI3K/Akt Signaling Network. International Journal of Molecular Sciences, 2019, 20, 2902.	4.1	31
10	Synthesis, evaluation of cytotoxic properties of promising curcumin analogues and investigation of possible molecular mechanisms. Chemical Biology and Drug Design, 2018, 91, 332-337.	3.2	25
11	Pterocarpan scaffold: A natural lead molecule with diverse pharmacological properties. European Journal of Medicinal Chemistry, 2017, 128, 219-236.	5.5	35
12	Therapeutic potential of chemically modified si<scp>RNA</scp>: Recent trends. Chemical Biology and Drug Design, 2017, 90, 665-678.	3.2	92
13	Computer-aided design of negative allosteric modulators of metabotropic glutamate receptor 5 (mGluR5): Comparative molecular field analysis of aryl ether derivatives. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1140-1144.	2.2	2
14	Molecular mechanisms of curcumin and its semisynthetic analogues in prostate cancer prevention and treatment. Life Sciences, 2016, 152, 135-144.	4.3	60
15	Recent advances of curcumin and its analogues in breast cancer prevention and treatment. RSC Advances, 2015, 5, 75575-75588.	3.6	69
16	Performance evaluation of structure based and ligand based virtual screening methods on ten selected anti-cancer targets. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4632-4636.	2.2	12
17	Amides are excellent mimics of phosphate internucleoside linkages and are well tolerated in short interfering RNAs. Nucleic Acids Research, 2014, 42, 6542-6551.	14.5	48
18	Amides as Excellent Mimics of Phosphate Linkages in RNA. Angewandte Chemie - International Edition, 2011, 50, 2068-2070.	13.8	45

#	Article	IF	Citations
19	Synthesis and properties of triazole-linked RNA. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3420-3422.	2.2	28
20	A Virtual Screening Hit Reveals New Possibilities for Developing Group III Metabotropic Glutamate Receptor Agonists. Journal of Medicinal Chemistry, 2010, 53, 2797-2813.	6.4	66