

# Chelliah Selvam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7848567/publications.pdf>

Version: 2024-02-01

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	Therapeutic potential of chemically modified siRNA: Recent trends. <i>Chemical Biology and Drug Design</i> , 2017, 90, 665-678.	3.2	92
2	Molecular mechanisms of curcumin and its analogs in colon cancer prevention and treatment. <i>Life Sciences</i> , 2019, 239, 117032.	4.3	75
3	Recent advances of curcumin and its analogues in breast cancer prevention and treatment. <i>RSC Advances</i> , 2015, 5, 75575-75588.	3.6	69
4	A Virtual Screening Hit Reveals New Possibilities for Developing Group III Metabotropic Glutamate Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 2797-2813.	6.4	66
5	Molecular mechanisms of curcumin and its semisynthetic analogues in prostate cancer prevention and treatment. <i>Life Sciences</i> , 2016, 152, 135-144.	4.3	60
6	Amides are excellent mimics of phosphate internucleoside linkages and are well tolerated in short interfering RNAs. <i>Nucleic Acids Research</i> , 2014, 42, 6542-6551.	14.5	48
7	Synergistic effects of curcumin and its analogs with other bioactive compounds: A comprehensive review. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 113072.	5.5	47
8	Amides as Excellent Mimics of Phosphate Linkages in RNA. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2068-2070.	13.8	45
9	Methods of hexagonal boron nitride exfoliation and its functionalization: covalent and non-covalent approaches. <i>RSC Advances</i> , 2021, 11, 31284-31327.	3.6	41
10	Pterocarpan scaffold: A natural lead molecule with diverse pharmacological properties. <i>European Journal of Medicinal Chemistry</i> , 2017, 128, 219-236.	5.5	35
11	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. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2902.	4.1	31
12	Synthesis and properties of triazole-linked RNA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3420-3422.	2.2	28
13	Synthesis, evaluation of cytotoxic properties of promising curcumin analogues and investigation of possible molecular mechanisms. <i>Chemical Biology and Drug Design</i> , 2018, 91, 332-337.	3.2	25
14	Histone Deacetylase Inhibitors as Multitarget-Directed Epi-Drugs in Blocking PI3K Oncogenic Signaling: A Polypharmacology Approach. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8198.	4.1	17
15	Targeting severe acute respiratory syndrome-coronavirus (SARS-CoV-1) with structurally diverse inhibitors: a comprehensive review. <i>RSC Advances</i> , 2020, 10, 28287-28299.	3.6	15
16	A comprehensive review on glucokinase activators: Promising agents for the treatment of Type 2 diabetes. <i>Chemical Biology and Drug Design</i> , 2022, 99, 247-263.	3.2	13
17	Performance evaluation of structure based and ligand based virtual screening methods on ten selected anti-cancer targets. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4632-4636.	2.2	12
18	Antiviral activities of natural compounds and ionic liquids to inhibit the Mpro of SARS-CoV-2: a computational approach. <i>RSC Advances</i> , 2022, 12, 3687-3695.	3.6	12

#	ARTICLE	IF	CITATIONS
19	Discovery of Vascular Endothelial Growth Factor Receptor (VEGFR) Inhibitors by Ligand-based Virtual High Throughput Screening. <i>Molecular Informatics</i> , 2020, 39, e1900150.	2.5	5
20	Computer-aided design of negative allosteric modulators of metabotropic glutamate receptor 5 (mGluR5): Comparative molecular field analysis of aryl ether derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1140-1144.	2.2	2