

# Suresh Kumar

## List of Publications by Year in descending order

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42  
papers

1,147  
citations

430874

18  
h-index

414414

32  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1712  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation, Characterization, and In Silico Interaction Studies of Bioactive Compounds from <i>Caesalpinia bonducella</i> with Target Proteins Involved in Alzheimer's Disease. <i>Applied Biochemistry and Biotechnology</i> , 2023, 195, 2216-2234.	2.9	3
2	Identification of phytochemicals as potential therapeutic agents that binds to Nsp15 protein target of coronavirus (SARS-CoV-2) that are capable of inhibiting virus replication. <i>Phytomedicine</i> , 2021, 85, 153317.	5.3	84
3	Inhibition of BACE1, MAO-B, cholinesterase enzymes, and anti-amyloidogenic potential of selected natural phytoconstituents: Multi-target-directed ligand approach. <i>Journal of Food Biochemistry</i> , 2021, 45, e13571.	2.9	10
4	Bioactive Phytocompounds: Anti-amyloidogenic Effects Against Hen Egg-White Lysozyme Aggregation. <i>Protein Journal</i> , 2021, 40, 78-86.	1.6	3
5	Inhibition of Amyloid Fibrillation of HEWL by 4-Methylcoumarin and 4-Methylthiocoumarin Derivatives. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 232-244.	1.6	0
6	Discovery of new phenyl sulfonyl-pyrimidine carboxylate derivatives as the potential multi-target drugs with effective anti-Alzheimer's action: Design, synthesis, crystal structure and in-vitro biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2021, 215, 113224.	5.5	37
7	Improvements in HOMA indices and pancreatic endocrinal tissues in type 2-diabetic rats by DPP-4 inhibition and antioxidant potential of an ethanol fruit extract of <i>Withania coagulans</i> . <i>Nutrition and Metabolism</i> , 2021, 18, 43.	3.0	8
8	In-silico immunoinformatic analysis of SARS-CoV-2 virus for the development of putative vaccine construct. <i>Immunobiology</i> , 2021, 226, 152134.	1.9	3
9	Sarsasapogenin: A steroidal saponin from <i>Asparagus racemosus</i> as multi target directed ligand in Alzheimer's disease. <i>Steroids</i> , 2020, 153, 108529.	1.8	44
10	Scopoletin: Anti-amyloidogenic, Anticholinesterase, and Neuroprotective Potential of a Natural Compound Present in <i>Argyrea speciosa</i> Roots by In Vitro and In Silico Study. <i>Neuroscience Insights</i> , 2020, 15, 263310552093769.	1.6	24
11	Synthesis of novel 4-methylthiocoumarin and comparison with conventional coumarin derivative as a multi-target-directed ligand in Alzheimer's disease. <i>3 Biotech</i> , 2020, 10, 509.	2.2	4
12	Alpha-terpinyl acetate: A natural monoterpenoid from <i>Elettaria cardamomum</i> as multi-target directed ligand in Alzheimer's disease. <i>Journal of Functional Foods</i> , 2020, 68, 103892.	3.4	39
13	Phytoconstituents of an ethanolic pod extract of <i>Prosopis cineraria</i> triggers the inhibition of HMG-CoA reductase and the regression of atherosclerotic plaque in hypercholesterolemic rabbits. <i>Lipids in Health and Disease</i> , 2020, 19, 6.	3.0	10
14	Ajmalicine and Reserpine: Indole Alkaloids as Multi-Target Directed Ligands Towards Factors Implicated in Alzheimer's Disease. <i>Molecules</i> , 2020, 25, 1609.	3.8	26
15	Downregulation of Candidate Gene Expression and Neuroprotection by Piperine in Streptozotocin-Induced Hyperglycemia and Memory Impairment in Rats. <i>Frontiers in Pharmacology</i> , 2020, 11, 595471.	3.5	12
16	Dual Inhibition of DPP-4 and Cholinesterase Enzymes by the Phytoconstituents of the Ethanolic Extract of <i>Prosopis cineraria</i> Pods: Therapeutic Implications for the Treatment of Diabetes-associated Neurological Impairments. <i>Current Alzheimer Research</i> , 2020, 16, 1230-1244.	1.4	7
17	Anti-Aggregation Property of Allicin by In Vitro and Molecular Docking Studies. <i>Journal of Experimental Neuroscience</i> , 2019, 13, 117906951986618.	2.3	8
18	Molecular Docking: A Structure-Based Approach for Drug Repurposing. , 2019, , 161-189.		22

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19	Episomal expression of human glutathione reductase (HuGR) in Leishmania sheds light on evolutionary pressure for unique redox metabolism pathway: Impaired stress tolerance ability of Leishmania donovani. International Journal of Biological Macromolecules, 2019, 121, 498-507.	7.5	2
20	Dual anti-cholinesterase activity of ajoene by In silico and In vitro studies. Pharmacognosy Research (discontinued), 2018, 10, 225.	0.6	6
21	In silico analysis of binding interaction of phytoconstituents with N-methyl-D-aspartate receptor for potential therapeutic use in Alzheimer's disease. Pharmacognosy Magazine, 2018, 14, 638.	0.6	2
22	Antiproliferative and apoptotic effects of black turtle bean extracts on human breast cancer cell line through extrinsic and intrinsic pathway. Chemistry Central Journal, 2017, 11, 56.	2.6	20
23	In silico repurposing of antipsychotic drugs for Alzheimer's disease. BMC Neuroscience, 2017, 18, 76.	1.9	74
24	In vitro anti-acetylcholinesterase activity of an aqueous extract of Unicaria tomentosa and in silico study of its active constituents. Bioinformation, 2016, 12, 112-118.	0.5	5
25	Biological Properties and Characterization of ASL50 Protein from Aged Allium sativum Bulbs. Applied Biochemistry and Biotechnology, 2015, 176, 1914-1927.	2.9	5
26	Crystal Structure of Mg <sup>2+</sup> Containing Hemopexin-Fold Protein from Kabuli Chana (Chickpea-White,) Tj ETQqO O O rBT /Overlock 10 Tf 5	1.6	0
27	ISDN2014_0025: REMOVED: Promising serum protein marker for early detection of Alzheimer's disease. International Journal of Developmental Neuroscience, 2015, 47, 4-4.	1.6	0
28	Dual inhibition of acetylcholinesterase and butyrylcholinesterase enzymes by allicin. Indian Journal of Pharmacology, 2015, 47, 444.	0.7	44
29	Antiproliferative activity and nitric oxide production of a methanolic extract of <i>Fraxinus micrantha</i> on Michigan Cancer Foundation-7 mammalian breast carcinoma cell line. Journal of Intercultural Ethnopharmacology, 2015, 4, 109.	0.9	17
30	The Rational Design of Specific Peptide Inhibitor against p38 $\beta$ MAPK at Allosteric-Site: A Therapeutic Modality for HNSCC. PLoS ONE, 2014, 9, e101525.	2.5	20
31	Antifungal and Antiproliferative Protein from <i>Cicer arietinum</i> : A Bioactive Compound against Emerging Pathogens. BioMed Research International, 2014, 2014, 1-9.	1.9	26
32	Kinetics of acetylcholinesterase inhibition by an aqueous extract of Cuminum cyminum seeds.. International Journal of Applied Sciences and Biotechnology, 2014, 2, 64-68.	0.8	11
33	Synthesis and Biological Evaluation of Novel Peptide BF2 as an Antibacterial Agent against Clinical Isolates of Vancomycin-Resistant Enterococci. Journal of Medicinal Chemistry, 2014, 57, 8880-8885.	6.4	8
34	Experimental Inhibition of Fibrillogenesis and Neurotoxicity by amyloid-beta (A $\beta$ ) and Other Disease-Related Peptides/Proteins by Plant Extracts and Herbal Compounds. Sub-Cellular Biochemistry, 2012, 65, 295-326.	2.4	17
35	An Aqueous Extract of <i>Withania somnifera</i> Root Inhibits Amyloid $\beta$ Fibril Formation <i>In Vitro</i> . Phytotherapy Research, 2012, 26, 113-117.	5.8	49
36	In vitro protective effects of colon-available extract of Camellia sinensis (tea) against hydrogen peroxide and beta-amyloid (A $\beta$ (1-42)) induced cytotoxicity in differentiated PC12 cells. Phytomedicine, 2011, 18, 691-696.	5.3	32

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37	<i>In vitro</i> protective effects of <i>Withania somnifera</i> (L.) dunal root extract against hydrogen peroxide and $\beta$ -amyloid <sub>(1-42)</sub> induced cytotoxicity in differentiated PC12 cells. <i>Phytotherapy Research</i> , 2010, 24, 1567-1574.	5.8	69
38	Observations on the presence of E domain variants of estrogen receptor- $\beta$ in the breast tumors. <i>Journal of Surgical Oncology</i> , 2006, 94, 332-337.	1.7	6
39	Excessive daytime sleepiness in Parkinson's disease as assessed by Epworth Sleepiness Scale (ESS). <i>Sleep Medicine</i> , 2003, 4, 339-342.	1.6	87
40	Sleep disorders in Parkinson's disease. <i>Movement Disorders</i> , 2002, 17, 775-781.	3.9	208
41	Anti-diarrhoeal activity of the latex of <i>Calotropis procera</i> . <i>Journal of Ethnopharmacology</i> , 2001, 76, 115-118.	4.1	73
42	Encephalopathy due to inorganic lead exposure in an adult.. <i>Japanese Journal of Medicine</i> , 1987, 26, 253-254.	0.1	22