Suresh Kumar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3658505/publications.pdf

Version: 2024-02-01

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	Sleep disorders in Parkinson's disease. Movement Disorders, 2002, 17, 775-781.	3.9	208
2	Excessive daytime sleepiness in Parkinson's disease as assessed by Epworth Sleepiness Scale (ESS). Sleep Medicine, 2003, 4, 339-342.	1.6	87
3	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. Phytomedicine, 2021, 85, 153317.	5.3	84
4	In silico repurposing of antipsychotic drugs for Alzheimerâ€™s disease. BMC Neuroscience, 2017, 18, 76.	1.9	74
5	Anti-diarrhoeal activity of the latex of Calotropis procera. Journal of Ethnopharmacology, 2001, 76, 115-118.	4.1	73
6	In vitro protective effects of Withania somnifera (L.) dunal root extract against hydrogen peroxide and Î²â€amyloid_(1â€“42)â€induced cytotoxicity in differentiated PC12 cells. Phytotherapy Research, 2010, 24, 1567-1574.	5.8	69
7	An Aqueous Extract of Withania somnifera Root Inhibits Amyloid Î² Fibril Formation In Vitro. Phytotherapy Research, 2012, 26, 113-117.	5.8	49
8	Sarsasapogenin: A steroidal saponin from Asparagus racemosus as multi target directed ligand in Alzheimerâ€™s disease. Steroids, 2020, 153, 108529.	1.8	44
9	Dual inhibition of acetylcholinesterase and butyrylcholinesterase enzymes by allicin. Indian Journal of Pharmacology, 2015, 47, 444.	0.7	44
10	Alpha-terpinyl acetate: A natural monoterpenoid from Elettaria cardamomum as multi-target directed ligand in Alzheimerâ€™s disease. Journal of Functional Foods, 2020, 68, 103892.	3.4	39
11	Discovery of new phenyl sulfonyl-pyrimidine carboxylate derivatives as the potential multi-target drugs with effective anti-Alzheimerâ€™s action: Design, synthesis, crystal structure and in-vitro biological evaluation. European Journal of Medicinal Chemistry, 2021, 215, 113224.	5.5	37
12	In vitro protective effects of colon-available extract of Camellia sinensis (tea) against hydrogen peroxide and beta-amyloid (AÎ²(1â€“42)) induced cytotoxicity in differentiated PC12 cells. Phytomedicine, 2011, 18, 691-696.	5.3	32
13	Antifungal and Antiproliferative Protein fromCicer arietinum: A Bioactive Compound against Emerging Pathogens. BioMed Research International, 2014, 2014, 1-9.	1.9	26
14	Ajmalicine and Reserpine: Indole Alkaloids as Multi-Target Directed Ligands Towards Factors Implicated in Alzheimerâ€™s Disease. Molecules, 2020, 25, 1609.	3.8	26
15	Scopoletin: Antiamyloidogenic, Anticholinesterase, and Neuroprotective Potential of a Natural Compound Present in Argyreia speciosa Roots by In Vitro and In Silico Study. Neuroscience Insights, 2020, 15, 263310552093769.	1.6	24
16	Encephalopthy due to inorganic lead exposure in an adult.. Japanese Journal of Medicine, 1987, 26, 253-254.	0.1	22
17	Molecular Docking: A Structure-Based Approach for Drug Repurposing. , 2019, , 161-189.		22
18	The Rational Design of Specific Peptide Inhibitor against p38Î± MAPK at Allosteric-Site: A Therapeutic Modality for HNSCC. PLoS ONE, 2014, 9, e101525.	2.5	20

#	Article	IF	Citations
19	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
20	Experimental Inhibition of Fibrillogenesis and Neurotoxicity by amyloid-beta (AÎ²) and Other Disease-Related Peptides/Proteins by Plant Extracts and Herbal Compounds. Sub-Cellular Biochemistry, 2012, 65, 295-326.	2.4	17
21	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
22	Downregulation of Candidate Gene Expression and Neuroprotection by Piperine in Streptozotocin-Induced Hyperglycemia and Memory Impairment in Rats. Frontiers in Pharmacology, 2020, 11, 595471.	3.5	12
23	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
24	Phytoconstituents of an ethanolic pod extract of Prosopis cineraria triggers the inhibition of HMG-CoA reductase and the regression of atherosclerotic plaque in hypercholesterolemic rabbits. Lipids in Health and Disease, 2020, 19, 6.	3.0	10
25	Inhibition of BACE1, MAOâ€B, cholinesterase enzymes, and antiâ€amyloidogenic potential of selected natural phytoconstituents: Multiâ€targetâ€directed ligand approach. Journal of Food Biochemistry, 2021, 45, e13571.	2.9	10
26	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
27	Anti-Aggregation Property of Allicin by In Vitro and Molecular Docking Studies. Journal of Experimental Neuroscience, 2019, 13, 117906951986618.	2.3	8
28	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 WithaniaÂcoagulans. Nutrition and Metabolism, 2021, 18, 43.	3.0	8
29	Dual Inhibition of DPP-4 and Cholinesterase Enzymes by the Phytoconstituents of the Ethanolic Extract of Prosopis cineraria Pods: Therapeutic Implications for the Treatment of Diabetes-associated Neurological Impairments. Current Alzheimer Research, 2020, 16, 1230-1244.	1.4	7
30	Observations on the presence of E domain variants of estrogen receptor-Î± in the breast tumors. Journal of Surgical Oncology, 2006, 94, 332-337.	1.7	6
31	Dual anti-cholinesterase activity of ajoene by In silico and In vitro studies. Pharmacognosy Research (discontinued), 2018, 10, 225.	0.6	6
32	Biological Properties and Characterization of ASL50 Protein from Aged Allium sativum Bulbs. Applied Biochemistry and Biotechnology, 2015, 176, 1914-1927.	2.9	5
33	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
34	Synthesis of novel 4-methylthiocoumarin and comparison with conventional coumarin derivative as a multi-target-directed ligand in Alzheimerâ€™s disease. 3 Biotech, 2020, 10, 509.	2.2	4
35	Bioactive Phytocompounds: Anti-amyloidogenic Effects Against Hen Egg-White Lysozyme Aggregation. Protein Journal, 2021, 40, 78-86.	1.6	3
36	In-silico immunoinformatic analysis of SARS-CoV-2 virus for the development of putative vaccine construct. Immunobiology, 2021, 226, 152134.	1.9	3

#	Article	IF	Citations
37	Isolation, Characterization, and In Silico Interaction Studies of Bioactive Compounds from Caesalpinia bonducella with Target Proteins Involved in Alzheimerâ€™s Disease. Applied Biochemistry and Biotechnology, 2023, 195, 2216-2234.	2.9	3
38	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
39	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
40	Crystal Structure of Mg2+ Containing Hemopexin-Fold Protein from Kabuli Chana (Chickpea-White,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	0
41	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
42	Inhibition of Amyloid Fibrillation of HEWL by 4-Methylcoumarin and 4-Methylthiocoumarin Derivatives. Current Pharmaceutical Biotechnology, 2021, 22, 232-244.	1.6	0