K V Dileep

List of Publications by Year
in descending order

48	1,018	566801 15	454577 30
papers	citations	h-index	g-index

48	48	48	1404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antiâ€Inflammatory Property of nâ€Hexadecanoic Acid: Structural Evidence and Kinetic Assessment. Chemical Biology and Drug Design, 2012, 80, 434-439.	1.5	400
2	Molecular docking studies of curcumin analogs with phospholipase A2. Interdisciplinary Sciences, Computational Life Sciences, 2011, 3, 189-197.	2.2	41
3	EC359: A First-in-Class Small-Molecule Inhibitor for Targeting Oncogenic LIFR Signaling in Triple-Negative Breast Cancer. Molecular Cancer Therapeutics, 2019, 18, 1341-1354.	1.9	41
4	Targeting LIF/LIFR signaling in cancer. Genes and Diseases, 2022, 9, 973-980.	1.5	36
5	Design of potent inhibitors of acetylcholinesterase using morin as the starting compound. Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2012, 6, 107-117.	1.1	33
6	Functionalised dihydroazo pyrimidine derivatives from Moritaâ€“Baylisâ€“Hillman acetates: synthesis and studies against acetylcholinesterase as its inhibitors. RSC Advances, 2016, 6, 77431-77439.	1.7	33
7	A comprehensive approach to ascertain the binding mode of curcumin with DNA. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 175, 155-163.	2.0	26
8	Cuminaldehyde as a Lipoxygenase Inhibitor: In Vitro and In Silico Validation. Applied Biochemistry and Biotechnology, 2014, 174, 388-397.	1.4	25
9	Inhibition of Beta-Lactamase by 1,4-Naphthalenedione from the Plant Holoptelea integrifolia. Applied Biochemistry and Biotechnology, 2010, 160, 1752-1759.	1.4	24
10	Crystal structure of human acetylcholinesterase in complex with tacrine: Implications for drug discovery. International Journal of Biological Macromolecules, 2022, 210, 172-181.	3.6	23
11	In vitro inhibitory profile of NDGA against AChE and its in silico structural modifications based on ADME profile. Journal of Molecular Modeling, 2013, 19, 1179-1194.	0.8	22
12	Human glutaminyl cyclase: Structure, function, inhibitors and involvement in Alzheimerâ€™s disease. Pharmacological Research, 2019, 147, 104342.	3.1	21
13	Binding to PLA₂ May Contribute to the Antiâ€Inflammatory Activity of Catechol. Chemical Biology and Drug Design, 2012, 79, 143-147.	1.5	19
14	Derivatives Form Better Lipoxygenase Inhibitors than Piperine: In Vitro and In Silico Study. Chemical Biology and Drug Design, 2015, 85, 715-721.	1.5	18
15	Neuroprotective derivatives of tacrine that target NMDA receptor and acetyl cholinesterase â€“ Design, synthesis and biological evaluation. Computational and Structural Biotechnology Journal, 2021, 19, 4517-4537.	1.9	17
16	TRAIL-based tumor sensitizing galactoxyloglucan, a novel entity for targeting apoptotic machinery. International Journal of Biochemistry and Cell Biology, 2015, 59, 153-166.	1.2	16
17	Comparative studies on the inhibitory activities of selected benzoic acid derivatives against secretory phospholipase A₂, a key enzyme involved in the inflammatory pathway. Molecular BioSystems, 2015, 11, 1973-1979.	2.9	16
18	An Isoquinoline Alkaloid, Berberine, Can Inhibit Fungal Alpha Amylase: Enzyme Kinetic and Molecular Modeling Studies. Chemical Biology and Drug Design, 2012, 80, 554-560.	1.5	15

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19	Flavanone glycosides as acetylcholinesterase inhibitors: computational and experimental evidence. Indian Journal of Pharmaceutical Sciences, 2014, 76, 567-70.	1.0	15
20	Metal ions in sugar binding, sugar specificity and structural stability of Spatholobus parviflorus seed lectin. Journal of Molecular Modeling, 2013, 19, 3271-3278.	0.8	14
21	An in silico guided identification of nAChR agonists from Withania somnifera. Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2016, 9, 201-213.	1.1	14
22	Amyloid Beta Hypothesis in Alzheimer's Disease: Major Culprits and Recent Therapeutic Strategies. Current Drug Targets, 2020, 21, 148-166.	1.0	14
23	Piperidine-4-carboxamide as a new scaffold for designing secretory glutaminyl cyclase inhibitors. International Journal of Biological Macromolecules, 2021, 170, 415-423.	3.6	13
24	Rational design and interaction studies of combilexins towards duplex DNA. Molecular BioSystems, 2016, 12, 860-867.	2.9	12
25	6â€Gingerol inhibits fungal alpha amylase: Enzyme kinetic and molecular modeling studies. Starch/Staerke, 2012, 64, 607-612.	1.1	11
26	Interactions of selected indole derivatives with phospholipase A2: in silico and in vitro analysis. Journal of Molecular Modeling, 2013, 19, 1811-1817.	0.8	11
27	Binding of acarbose, an anti-diabetic drug to lysozyme: a combined structural and thermodynamic study. Journal of Biomolecular Structure and Dynamics, 2018, 36, 3354-3361.	2.0	9
28	EC330, a small-molecule compound, is a potential novel inhibitor of LIF signaling. Journal of Molecular Cell Biology, 2020, 12, 477-480.	1.5	9
29	Chemical similarity assisted search for acetylcholinesterase inhibitors: Molecular modeling and evaluation of their neuroprotective properties. International Journal of Biological Macromolecules, 2021, 174, 466-476.	3.6	8
30	Inhibition, ADME and structure based modification of IAA and IBA against acetylcholinesterase: an attempt towards new drug development for Alzheimer's disease. Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2013, 7, 164-173.	1.1	7
31	Crystal structure of porcine pancreatic phospholipase A₂in complex with 2-methoxycyclohexa-2-5-diene-1,4-dione. Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2011, 5, 135-139.	1.1	5
32	Designing of multi-target-directed ligands against the enzymes associated with neuroinflammation: anin silicoapproach. Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2013, 7, 174-185.	1.1	5
33	Structural characterization of Kannurin isoforms and evaluation of the role of Î²-hydroxy fatty acid tail length in functional specificity. Scientific Reports, 2020, 10, 2839.	1.6	5
34	An in silico approach for the identification of inhibitors against Acetylcholinesterase. Medicinal Chemistry Research, 2012, 21, 2779-2787.	1.1	4
35	Studies of IAA and IBA as fungal Î±â€amylase inhibitors using enzyme kinetics, molecular modeling and thermodynamics. Starch/Staerke, 2012, 64, 991-995.	1.1	4
36	Computational and thermodynamic analyses of the phospholipase A2 inhibition by erucic acid and linoleic acid. Medicinal Chemistry Research, 2013, 22, 1102-1106.	1.1	4

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37	Interactions of selected indole derivatives with COX-2 and theirin silicostructure modifications towards the development of novel NSAIDs. Journal of Biomolecular Structure and Dynamics, 2014, 32, 1855-1863.	2.0	4
38	Inhibitory activity of IAA and IBA against lipoxygenase:in silicoandin vitrovalidation. Molecular Simulation, 2014, 40, 418-422.	0.9	4
39	Binding of NDGA and morin with phospholipase A₂: experimental and computational evidences. Molecular Simulation, 2015, 41, 281-286.	0.9	4
40	EC313-a tissue selective SPRM reduces the growth and proliferation of uterine fibroids in a human uterine fibroid tissue xenograft model. Scientific Reports, 2019, 9, 17279.	1.6	4
41	A Lectin from <scp>S</scp>patholobus parviflorus Inhibits <scp>A</scp>spergillus flavus Î±â€Amylase: Enzyme Kinetics and Thermodynamic Studies. Chemical Biology and Drug Design, 2014, 84, 116-122.	1.5	3
42	ATP7A Clinical Genetics Resource â€“ A comprehensive clinically annotated database and resource for genetic variants in ATP7A gene. Computational and Structural Biotechnology Journal, 2020, 18, 2347-2356.	1.9	3
43	Effects of Combination of Estradiol with Selective Progesterone Receptor Modulators (SPRMs) on Human Breast Cancer Cells In Vitro and In Vivo. PLoS ONE, 2016, 11, e0151182.	1.1	2
44	Role of invariant water molecules in retaining the active site geometry of Î²-lactamase: a molecular dynamics simulation study. Molecular Simulation, 2011, 37, 1234-1238.	0.9	1
45	Crystal structure of phospholipase A₂ in complex with 1â€naphthaleneacetic acid. IUBMB Life, 2018, 70, 995-1001.	1.5	1
46	Indole fragments for the design of lead molecules against pancreatitis. Journal of Biomolecular Structure and Dynamics, 2020, 38, 263-267.	2.0	1
47	A multidimensional computational exploration of congenital myasthenic syndrome causing mutations in human choline acetyltransferase. Journal of Cellular Biochemistry, 2021, 122, 787-800.	1.2	1
48	Approaches in the Chemoprevention of Breast Cancer. Journal of Cancer Science & Therapy, 2013, 05, .	1.7	0