

Vasudevan Mani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6434602/publications.pdf>

Version: 2024-02-01

102
papers

2,160
citations

218677

26
h-index

289244

40
g-index

102
all docs

102
docs citations

102
times ranked

2661
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the role of neuropeptides in depression and anxiety. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 114, 110478.	4.8	36
2	Aqueous Ajwa dates seeds extract improves memory impairment in type-2 diabetes mellitus rats by reducing blood glucose levels and enhancing brain cholinergic transmission. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2738-2748.	3.8	6
3	Neuroprotective Effect of Aqueous Extract of Ajwa Seeds via Anti-Inflammatory Pathways in Type-2 Diabetic-Induced Rats. <i>International Journal of Pharmacology</i> , 2022, 18, 299-306.	0.3	1
4	Neuroprotective Effect of Clobenpropit in Lipopolysaccharides- induced Mice via Enhancing Cholinergic Transmission. <i>International Journal of Pharmacology</i> , 2022, 18, 321-330.	0.3	0
5	Exploring the focal role of LRRK2 kinase in Parkinsonâ€™s disease. <i>Environmental Science and Pollution Research</i> , 2022, 29, 32368-32382.	5.3	7
6	Mahanimbine Improved Aging-Related Memory Deficits in Mice through Enhanced Cholinergic Transmission and Suppressed Oxidative Stress, Amyloid Levels, and Neuroinflammation. <i>Brain Sciences</i> , 2022, 12, 12.	2.3	5
7	Biotechnological Innovations from Ocean: Transpiring Role of Marine Drugs in Management of Chronic Disorders. <i>Molecules</i> , 2022, 27, 1539.	3.8	5
8	Natural and Synthetic Agents Targeting Reactive Carbonyl Species against Metabolic Syndrome. <i>Molecules</i> , 2022, 27, 1583.	3.8	5
9	Sukkari dates seed improves type-2 diabetes mellitus-induced memory impairment by reducing blood glucose levels and enhancing brain cholinergic transmission: In vivo and molecular modeling studies. <i>Saudi Pharmaceutical Journal</i> , 2022, 30, 750-763.	2.7	13
10	Aqueous Extract from Sukkari Date Seeds Attenuates Neuroinflammation Induced by Type-2 Diabetic in Rats. <i>International Journal of Pharmacology</i> , 2022, 18, 570-577.	0.3	0
11	Ciproxifan Attenuates Lipopolysaccharide-Induced Neuroinflammation and Mitochondrial Dysfunctions in Mouse Brain. <i>International Journal of Pharmacology</i> , 2022, 18, 407-414.	0.3	0
12	Virgin Coconut Oil-Induced Neuroprotection in Lipopolysaccharide-Challenged Rats is Mediated, in Part, Through Cholinergic, Anti-Oxidative and Anti-Inflammatory Pathways. <i>Journal of Dietary Supplements</i> , 2021, 18, 655-681.	2.6	12
13	Anxiolytic-like and antidepressant-like effects of ethanol extract of <i>Terminalia chebula</i> in mice. <i>Journal of Traditional and Complementary Medicine</i> , 2021, 11, 493-502.	2.7	9
14	<i>Salvadora persica</i> protects libido by reducing corticosterone and elevating the testosterone levels in chronic cigarette smoke exposure rats. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4931-4937.	3.8	1
15	Synthesis and biological evaluation of heterocyclic 1,2,4-triazole scaffolds as promising pharmacological agents. <i>BMC Chemistry</i> , 2021, 15, 5.	3.8	37
16	Exploring the therapeutic promise of targeting Rho kinase in rheumatoid arthritis. <i>Inflammopharmacology</i> , 2021, 29, 1641-1651.	3.9	4
17	Polyphenols Targeting MAPK Mediated Oxidative Stress and Inflammation in Rheumatoid Arthritis. <i>Molecules</i> , 2021, 26, 6570.	3.8	60
18	Betahistine Protects Doxorubicin-Induced Memory Deficits via Cholinergic and Anti-Inflammatory Pathways in Mouse Brain. <i>International Journal of Pharmacology</i> , 2021, 17, 584-595.	0.3	3

#	ARTICLE	IF	CITATIONS
19	Neuroprotective Effect of Clobenpropit against Lipopolysaccharide-Induced Cognitive Deficits via Attenuating Neuroinflammation and Enhancing Mitochondrial Functions in Mice. <i>Brain Sciences</i> , 2021, 11, 1617.	2.3	6
20	Diazenyl schiff bases: Synthesis, spectral analysis, antimicrobial studies and cytotoxic activity on human colorectal carcinoma cell line (HCT-116). <i>Arabian Journal of Chemistry</i> , 2020, 13, 377-392.	4.9	30
21	Synthesis of piperidine-4-one Derivative Containing Dipeptide: An Acetyl cholinesterase and $\hat{\text{I}}^2$ -secretase Inhibitor. <i>Anti-Infective Agents</i> , 2020, 18, 160-168.	0.4	3
22	Antimicrobial Exploration Between Counterpart Endosymbiont and Host Plant (<i>Tamarindus indica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	3
23	Design, Synthesis, SAR Study, Antimicrobial and Anticancer Evaluation of Novel 2-Mercaptobenzimidazole Azomethine Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 1559-1571.	2.4	11
24	Mahanimbine-induced neuroprotection via cholinergic system and attenuated amyloidogenesis as well as neuroinflammation in lipopolysaccharides-induced mice. <i>Pharmacognosy Magazine</i> , 2020, 16, 57.	0.6	7
25	In vitro Evaluation of Acetylcholinesterase Inhibitory and Neuroprotective Activity in <i>Commiphora</i> species: A Comparative Study. <i>Pharmacognosy Journal</i> , 2020, 12, 1223-1231.	0.8	2
26	Molecular docking, synthesis and biological significance of pyrimidine analogues as prospective antimicrobial and antiproliferative agents. <i>BMC Chemistry</i> , 2019, 13, 85.	3.8	10
27	In-silico molecular design of heterocyclic benzimidazole scaffolds as prospective anticancer agents. <i>BMC Chemistry</i> , 2019, 13, 90.	3.8	28
28	Computational approaches: discovery of GTPase HRas as prospective drug target for 1,3-diazine scaffolds. <i>BMC Chemistry</i> , 2019, 13, 96.	3.8	5
29	Synthesis, molecular docking and biological potentials of new 2-(4-(2-chloroacetyl)) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 Td (thiazol-2-ylthio)acetamido)-N-(substituted phenyl)benzamides: design, synthesis and biological evaluation. <i>BMC Chemistry</i> , 2019, 13, 113.	3.8	2
30	4-(2-(1H-Benzo[d]imidazol-2-ylthio)acetamido)-N-(substituted phenyl)benzamides: design, synthesis and biological evaluation. <i>BMC Chemistry</i> , 2019, 13, 12.	3.8	13
31	4-(4-Bromophenyl)-thiazol-2-amine derivatives: synthesis, biological activity and molecular docking study with ADME profile. <i>BMC Chemistry</i> , 2019, 13, 60.	3.8	21
32	Synthesis, molecular modelling and biological significance of N-(4-(4-bromophenyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (thiazol-2-ylthio)acetamido)-N-(substituted phenyl)benzamides: design, synthesis and biological evaluation. <i>BMC Chemistry</i> , 2019, 13, 46.	3.8	8
33	Design, synthesis and biological profile of heterocyclic benzimidazole analogues as prospective antimicrobial and antiproliferative agents. <i>BMC Chemistry</i> , 2019, 13, 50.	3.8	26
34	Synthesis, antimicrobial, anticancer and QSAR studies of 1-[4-(substituted phenyl)-2-(substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Chemistry, 2019, 12, 2882-2896.	4.9	11
35	Design, Synthesis and Biological Potential of 5-(2-Amino-6-(3/4-bromophenyl)pyrimidin-4-yl)benzene-1,3-diol Scaffolds as Promising Antimicrobial and Anticancer Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 851-864.	2.4	5
36	2-Mercaptobenzimidazole Schiff Bases: Design, Synthesis, Antimicrobial Studies and Anticancer Activity on HCT-116 Cell Line. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 1080-1092.	2.4	21

#	ARTICLE	IF	CITATIONS
37	Design, Synthesis and Therapeutic Potential of Some 6, 6'-(1,4-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (phenylene)bis(4- 2019, 19, 609-621.	2.4	2
38	Synthesis of azomethines derived from cinnamaldehyde and vanillin: in vitro aetylcholinesterase inhibitory, antioxidant and insilico molecular docking studies. Medicinal Chemistry Research, 2018, 27, 807-816.	2.4	31
39	Synthesis and evaluation of antimicrobial, antitubercular and anticancer activities of benzimidazole derivatives. Egyptian Journal of Basic and Applied Sciences, 2018, 5, 100-109.	0.6	33
40	Design, synthesis and therapeutic potential of 3-(2-(1H-benzo[d]imidazol-2-ylthio)acetamido)-N-(substituted phenyl)benzamide analogues. Chemistry Central Journal, 2018, 12, 139.	2.6	17
41	Design, synthesis and biological evaluation of 3-(2-aminooxazol-5-yl)-2H-chromen-2-one derivatives. Chemistry Central Journal, 2018, 12, 130.	2.6	12
42	Synthesis and biological profile of substituted benzimidazoles. Chemistry Central Journal, 2018, 12, 125.	2.6	5
43	Reverse pharmacophore mapping and molecular docking studies for discovery of GTPase HRas as promising drug target for bis-pyrimidine derivatives. Chemistry Central Journal, 2018, 12, 106.	2.6	19
44	Benzoxazole derivatives: design, synthesis and biological evaluation. Chemistry Central Journal, 2018, 12, 92.	2.6	52
45	Design, synthesis and biological potential of heterocyclic benzoxazole scaffolds as promising antimicrobial and anticancer agents. Chemistry Central Journal, 2018, 12, 96.	2.6	21
46	Phencyclidine dose optimisation for induction of spatial learning and memory deficits related to schizophrenia in C57BL/6 mice. Experimental Animals, 2018, 67, 421-429.	1.1	5
47	Design, synthesis, antimicrobial and cytotoxicity study on human colorectal carcinoma cell line of new 4,4- ϵ^2 -(1,4-phenylene)bis(pyrimidin-2-amine) derivatives. Chemistry Central Journal, 2018, 12, 73.	2.6	11
48	Synthesis and evaluation of antimicrobial, antitubercular and anticancer activities of 2-(1-benzoyl-1H-benzo[d]imidazol-2-ylthio)-N-substituted acetamides. Chemistry Central Journal, 2018, 12, 66.	2.6	23
49	Pubertal anabolic androgenic steroid exposure in male rats affects levels of gonadal steroids, mating frequency, and pregnancy outcome. Journal of Basic and Clinical Physiology and Pharmacology, 2018, 30, 29-36.	1.3	0
50	Enhanced memory in Wistar rats by virgin coconut oil is associated with increased antioxidative, cholinergic activities and reduced oxidative stress. Pharmaceutical Biology, 2017, 55, 825-832.	2.9	51
51	Ciproxifan improves cholinergic transmission, attenuates neuroinflammation and oxidative stress but does not reduce amyloid level in transgenic mice. Life Sciences, 2017, 180, 23-35.	4.3	24
52	Effect of dental pulp stem cells in <sc>MPTP</sc>-induced oldâ€œaged mice model. European Journal of Clinical Investigation, 2017, 47, 403-414.	3.4	23
53	Neuroimmunomodulatory properties of DPSCs in an <i>in vitro</i> model of Parkinson's disease. IUBMB Life, 2017, 69, 689-699.	3.4	23
54	Lactobacilli-fermented cow's milk attenuated lipopolysaccharide-induced neuroinflammation and memory impairment in vitro and in vivo. Journal of Dairy Research, 2017, 84, 488-495.	1.4	79

#	ARTICLE	IF	CITATIONS
55	Synthesis, molecular docking and biological evaluation of bis-pyrimidine Schiff base derivatives. Chemistry Central Journal, 2017, 11, 89.	2.6	25
56	The ethyl acetate fraction of a methanolic extract of unripe noni (&i>Morinda citrifolia&i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 66, 283-291.	1.1	6
57	Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 2/3-bromo-Nâ€²-(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 7	4.9	7
58	Synthesis, antimicrobial and cytotoxic evaluation of 4-(1-aryl-5-halo-2-oxo-1,2-dihydro-indol-3-ylideneamino)-N-substituted benzene sulfonamides. Arabian Journal of Chemistry, 2017, 10, S2845-S2852.	4.9	2
59	Synthesis, antimicrobial, anticancer evaluation and QSAR studies of Nâ€²-substituted benzylidene/2-hydroxynaphthalen-1-ylmethylene/3-phenylallylidene/5-oxopentylidene-4-(2-oxo-2-(4H-1,2,4-triazol-4-yl) methylamino)benzohydrazides. Arabian Journal of Chemistry, 2017, 10, S2009-S2017.	4.9	17
60	ANTICHOLINESTERASE ACTIVITY OF OCTA PEPTIDES RELATED TO HUMAN HISTATIN 8: IN-SILICO DRUG DESIGN AND IN-VITRO. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 115.	0.3	2
61	Bis-pyrimidine acetamides: design, synthesis and biological evaluation. Chemistry Central Journal, 2017, 11, 80.	2.6	11
62	Synthesis, characterization, biological evaluation and molecular docking studies of 2-(1H-benzo[d]imidazol-2-ylthio)-N-(substituted 4-oxothiazolidin-3-yl) acetamides. Chemistry Central Journal, 2017, 11, 137.	2.6	22
63	Beliefs and perception about mental health issues: a meta-synthesis. Neuropsychiatric Disease and Treatment, 2016, Volume 12, 2807-2818.	2.2	116
64	The role of multifunctional drug therapy as an antidote to combat experimental subacute neurotoxicity induced by organophosphate pesticides. Environmental Toxicology, 2016, 31, 1017-1026.	4.0	12
65	Identification of novel acetylcholinesterase inhibitors: Indolopyrazoline derivatives and molecular docking studies. Bioorganic Chemistry, 2016, 67, 9-17.	4.1	61
66	Synthesis, Antimicrobial and Anticancer Evaluation of 2-Azetidinones Clubbed with Quinazolinone. Pharmaceutical Chemistry Journal, 2016, 50, 24-28.	0.8	9
67	4-Thiazolidinone derivatives: synthesis, antimicrobial, anticancer evaluation and QSAR studies. RSC Advances, 2016, 6, 109485-109494.	3.6	29
68	Evaluation of Anti-diarrheal Potential of Hydro-alcoholic Extracts of Leaves of <i>Murraya koenigii</i> in Experimental Animals. Journal of Dietary Supplements, 2016, 13, 393-401.	2.6	7
69	2-AZETIDINONE DERIVATIVES: SYNTHESIS, ANTIMICROBIAL, ANTICANCER EVALUATION AND QSAR STUDIES. Acta Poloniae Pharmaceutica, 2016, 73, 65-78.	0.1	9
70	SYNTHESIS, ANTIMICROBIAL, ANTICANCER EVALUATION AND QSAR STUDIES OF THIAZOLIDIN-4-ONE DERIVATIVES. Acta Poloniae Pharmaceutica, 2016, 73, 93-106.	0.1	1
71	Murraya koenigii Leaves and Their Use in Dementia. , 2015, , 1039-1048.		0
72	Modulation of the Nitrergic Pathway via Activation of PPAR-Î³ Contributes to the Neuroprotective Effect of Pioglitazone Against Streptozotocin-Induced Memory Dysfunction. Journal of Molecular Neuroscience, 2015, 56, 739-750.	2.3	9

#	ARTICLE	IF	CITATIONS
73	Enhancement of β -secretase inhibition and antioxidant activities of tempeh, a fermented soybean cake through enrichment of bioactive aglycones. <i>Pharmaceutical Biology</i> , 2015, 53, 758-766.	2.9	45
74	Probiotics and Neuroprotection. , 2015, , 859-868.		4
75	Pharmacological approaches for Alzheimer's disease: neurotransmitter as drug targets. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 53-71.	2.8	27
76	Synthesis, Antimicrobial, Anticancer Evaluation and QSAR Studies of 3/4-Bromo Benzohydrazide Derivatives. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 1050-1064.	2.1	14
77	Synthesis, Antimicrobial, Anticancer Evaluation of 2-(aryl)-4- Thiazolidinone Derivatives and their QSAR Studies. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 990-1002.	2.1	21
78	Total isoflavones from soybean and tempeh reversed scopolamine-induced amnesia, improved cholinergic activities and reduced neuroinflammation in brain. <i>Food and Chemical Toxicology</i> , 2014, 65, 120-128.	3.6	79
79	4-(1-Aryl-5-chloro-2-oxo-1,2-dihydro-indol-3-ylideneamino)-N-substituted benzene sulfonamides: Synthesis, antimicrobial, anticancer evaluation and QSAR studies. <i>Arabian Journal of Chemistry</i> , 2014, 7, 436-447.	4.9	13
80	Synthesis, in vitro antimicrobial, anticancer evaluation and QSAR studies of N ² -(substituted)-4-(butan-2-ylideneamino)benzohydrazides. <i>Arabian Journal of Chemistry</i> , 2014, 7, 448-460.	4.9	16
81	Synthesis, antimicrobial, anticancer, antiviral evaluation and QSAR studies of 4-(1-aryl-2-oxo-1,2-dihydro-indol-3-ylideneamino)-N-substituted benzene sulfonamides. <i>Arabian Journal of Chemistry</i> , 2014, 7, 396-408.	4.9	34
82	Effects of the Total Alkaloidal Extract of <i>Murraya koenigii</i> Leaf on Oxidative Stress and Cholinergic Transmission in Aged Mice. <i>Phytotherapy Research</i> , 2013, 27, 46-53.	5.8	19
83	Anti-inflammatory, analgesic and anti-ulcerogenic effect of total alkaloidal extract from <i>Murraya koenigii</i> leaves in animal models. <i>Food and Function</i> , 2013, 4, 557.	4.6	14
84	Synthesis, in vitro antimicrobial, antiproliferative, and QSAR studies of N-(substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (ph	2.4	9
85	N ² -[4-[(Substituted imino)methyl]benzylidene]-substituted benzohydrazides: synthesis, antimicrobial, antiviral, and anticancer evaluation, and QSAR studies. <i>Monatshefte für Chemie</i> , 2013, 144, 825-849.	1.8	2
86	Synthesis, Antimicrobial, Anticancer Evaluation and QSAR Studies of Thiazolidin-4-Ones Clubbed with Quinazolinone. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 2034-2046.	2.1	12
87	Histological changes in testes of rats treated with testosterone, nandrolone, and stanozolol. <i>Iranian Journal of Reproductive Medicine</i> , 2013, 11, 653-8.	0.8	6
88	Design, synthesis, antimicrobial, anticancer evaluation, and QSAR studies of 4-(substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (ph	2.4	40
89	Protective effects of total alkaloidal extract from <i>Murraya koenigii</i> leaves on experimentally induced dementia. <i>Food and Chemical Toxicology</i> , 2012, 50, 1036-1044.	3.6	37
90	Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 6-methyl-4-[1-(2-substituted-phenylamino-acetyl)-1H-indol-3-yl]-2-oxo/thioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylic acid ethyl esters. <i>European Journal of Medicinal Chemistry</i> , 2012, 48, 16-25.	2.4	50

#	ARTICLE	IF	CITATIONS
91	Ocimum sanctum Linn. Leaf Extracts Inhibit Acetylcholinesterase and Improve Cognition in Rats with Experimentally Induced Dementia. Journal of Medicinal Food, 2011, 14, 912-919.	1.5	31
92	Reversal of memory deficits by Coriandrum sativum leaves in mice. Journal of the Science of Food and Agriculture, 2011, 91, 186-192.	3.5	44
93	Antiamnesic potential of <i>Murraya koenigii</i> leaves. Phytotherapy Research, 2009, 23, 308-316.	5.8	42
94	Memory Enhancing Activity of Abana: An Indian Ayurvedic Poly-Herbal Formulation. Journal of Health Science, 2007, 53, 43-52.	0.9	21
95	Effect of Anwala Churna (<i>Emblica officinalis</i> GAERTN.): an Ayurvedic Preparation on Memory Deficit Rats. Yakugaku Zasshi, 2007, 127, 1701-1707.	0.2	35
96	Memory enhancing activity of Anwala churna (<i>Emblica officinalis</i> Gaertn.): An Ayurvedic preparation. Physiology and Behavior, 2007, 91, 46-54.	2.1	79
97	Antinociceptive and anti-inflammatory effects of <i>Thespesia populnea</i> bark extract. Journal of Ethnopharmacology, 2007, 109, 264-270.	4.1	105
98	Memory-Enhancing Activity of <i>Thespesia populnea</i> in Rats. Pharmaceutical Biology, 2007, 45, 267-273.	2.9	24
99	Pharmacological Evidence for the Potential of <i>Daucus carota</i> in the Management of Cognitive Dysfunctions. Biological and Pharmaceutical Bulletin, 2006, 29, 1154-1161.	1.4	33
100	Antinociceptive and Anti-Inflammatory Properties of <i>Daucus carota</i> Seeds Extract. Journal of Health Science, 2006, 52, 598-606.	0.9	47
101	Antioxidant activity of <i>Thespesia populnea</i> bark extracts against carbon tetrachloride-induced liver injury in rats. Journal of Ethnopharmacology, 2003, 87, 227-230.	4.1	61
102	Neuroprotective Potential of Mahanimbine against Lipopolysaccharides (LPS)-Induced Neuronal Deficits on SK-N-SH Cells and Antioxidant Potentials in ICR Mice Brain. Journal of Pharmaceutical Research International, 0, , 1-11.	1.0	4