

Vasudevan Mani

List of Publications by Year in descending order

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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	Beliefs and perception about mental health issues: a meta-synthesis. <i>Neuropsychiatric Disease and Treatment</i> , 2016, Volume 12, 2807-2818.	2.2	116
2	Antinociceptive and anti-inflammatory effects of <i>Thespesia populnea</i> bark extract. <i>Journal of Ethnopharmacology</i> , 2007, 109, 264-270.	4.1	105
3	Memory enhancing activity of Anwala churna (<i>Emblica officinalis</i> Gaertn.): An Ayurvedic preparation. <i>Physiology and Behavior</i> , 2007, 91, 46-54.	2.1	79
4	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
5	Lactobacilli-fermented cow's milk attenuated lipopolysaccharide-induced neuroinflammation and memory impairment in vitro and in vivo. <i>Journal of Dairy Research</i> , 2017, 84, 488-495.	1.4	79
6	Antioxidant activity of <i>Thespesia populnea</i> bark extracts against carbon tetrachloride-induced liver injury in rats. <i>Journal of Ethnopharmacology</i> , 2003, 87, 227-230.	4.1	61
7	Identification of novel acetylcholinesterase inhibitors: Indolopyrazoline derivatives and molecular docking studies. <i>Bioorganic Chemistry</i> , 2016, 67, 9-17.	4.1	61
8	Polyphenols Targeting MAPK Mediated Oxidative Stress and Inflammation in Rheumatoid Arthritis. <i>Molecules</i> , 2021, 26, 6570.	3.8	60
9	Benzoxazole derivatives: design, synthesis and biological evaluation. <i>Chemistry Central Journal</i> , 2018, 12, 92.	2.6	52
10	Enhanced memory in Wistar rats by virgin coconut oil is associated with increased antioxidative, cholinergic activities and reduced oxidative stress. <i>Pharmaceutical Biology</i> , 2017, 55, 825-832.	2.9	51
11	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.	3.6	50
12	Antinociceptive and Anti-Inflammatory Properties of <i>Daucus carota</i> Seeds Extract. <i>Journal of Health Science</i> , 2006, 52, 598-606.	0.9	47
13	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
14	Reversal of memory deficits by <i>Coriandrum sativum</i> leaves in mice. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 186-192.	3.5	44
15	Antiamnesic potential of <i>Murraya koenigii</i> leaves. <i>Phytotherapy Research</i> , 2009, 23, 308-316.	5.8	42
16	Design, synthesis, antimicrobial, anticancer evaluation, and QSAR studies of 4-(substituted) 1,2,4-triazole scaffolds as promising pharmacological agents. <i>BMC Chemistry</i> , 2021, 15, 5.	2.4	40
17	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
18	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

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19	Exploring the role of neuropeptides in depression and anxiety. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 114, 110478.	4.8	36
20	Effect of Anwala Churna (<i>Emblca officinalis</i> GAERTN.): an Ayurvedic Preparation on Memory Deficit Rats. <i>Yakugaku Zasshi</i> , 2007, 127, 1701-1707.	0.2	35
21	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
22	Pharmacological Evidence for the Potential of <i>Daucus carota</i> in the Management of Cognitive Dysfunctions. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1154-1161.	1.4	33
23	Synthesis and evaluation of antimicrobial, antitubercular and anticancer activities of benzimidazole derivatives. <i>Egyptian Journal of Basic and Applied Sciences</i> , 2018, 5, 100-109.	0.6	33
24	<i>Ocimum sanctum</i> Linn. Leaf Extracts Inhibit Acetylcholinesterase and Improve Cognition in Rats with Experimentally Induced Dementia. <i>Journal of Medicinal Food</i> , 2011, 14, 912-919.	1.5	31
25	Synthesis of azomethines derived from cinnamaldehyde and vanillin: in vitro aetylcholinesterase inhibitory, antioxidant and insilico molecular docking studies. <i>Medicinal Chemistry Research</i> , 2018, 27, 807-816.	2.4	31
26	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
27	4-Thiazolidinone derivatives: synthesis, antimicrobial, anticancer evaluation and QSAR studies. <i>RSC Advances</i> , 2016, 6, 109485-109494.	3.6	29
28	In-silico molecular design of heterocyclic benzimidazole scaffolds as prospective anticancer agents. <i>BMC Chemistry</i> , 2019, 13, 90.	3.8	28
29	Pharmacological approaches for Alzheimer's disease: neurotransmitter as drug targets. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 53-71.	2.8	27
30	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
31	Synthesis, molecular docking and biological evaluation of bis-pyrimidine Schiff base derivatives. <i>Chemistry Central Journal</i> , 2017, 11, 89.	2.6	25
32	Memory-Enhancing Activity of <i>Thespesia populnea</i> in Rats. <i>Pharmaceutical Biology</i> , 2007, 45, 267-273.	2.9	24
33	Ciproxifan improves cholinergic transmission, attenuates neuroinflammation and oxidative stress but does not reduce amyloid level in transgenic mice. <i>Life Sciences</i> , 2017, 180, 23-35.	4.3	24
34	Effect of dental pulp stem cells in MPTP-induced aged mice model. <i>European Journal of Clinical Investigation</i> , 2017, 47, 403-414.	3.4	23
35	Neuroimmunomodulatory properties of DPSCs in an in vitro model of Parkinson's disease. <i>IUBMB Life</i> , 2017, 69, 689-699.	3.4	23
36	Synthesis and evaluation of antimicrobial, antitubercular and anticancer activities of 2-(1-benzoyl-1H-benzo[d]imidazol-2-ylthio)-N-substituted acetamides. <i>Chemistry Central Journal</i> , 2018, 12, 66.	2.6	23

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37	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
38	Memory Enhancing Activity of Abana: An Indian Ayurvedic Poly-Herbal Formulation. Journal of Health Science, 2007, 53, 43-52.	0.9	21
39	Design, synthesis and biological potential of heterocyclic benzoxazole scaffolds as promising antimicrobial and anticancer agents. Chemistry Central Journal, 2018, 12, 96.	2.6	21
40	4-(4-Bromophenyl)-thiazol-2-amine derivatives: synthesis, biological activity and molecular docking study with ADME profile. BMC Chemistry, 2019, 13, 60.	3.8	21
41	2-Mercaptobenzimidazole Schiff Bases: Design, Synthesis, Antimicrobial Studies and Anticancer Activity on HCT-116 Cell Line. Mini-Reviews in Medicinal Chemistry, 2019, 19, 1080-1092.	2.4	21
42	Synthesis, Antimicrobial, Anticancer Evaluation of 2-(aryl)-4- Thiazolidinone Derivatives and their QSAR Studies. Current Topics in Medicinal Chemistry, 2015, 15, 990-1002.	2.1	21
43	Effects of the Total Alkaloidal Extract of <i>Murraya koenigii</i> Leaf on Oxidative Stress and Cholinergic Transmission in Aged Mice. Phytotherapy Research, 2013, 27, 46-53.	5.8	19
44	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
45	Synthesis, antimicrobial, anticancer evaluation and QSAR studies of α -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
46	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
47	Synthesis, in vitro antimicrobial, anticancer evaluation and QSAR studies of α -(substituted)-4-(butan-2-ylideneamino)benzohydrazides. Arabian Journal of Chemistry, 2014, 7, 448-460.	4.9	16
48	Anti-inflammatory, analgesic and anti-ulcerogenic effect of total alkaloidal extract from <i>Murraya koenigii</i> leaves in animal models. Food and Function, 2013, 4, 557.	4.6	14
49	Synthesis, Antimicrobial, Anticancer Evaluation and QSAR Studies of 3/4-Bromo Benzohydrazide Derivatives. Current Topics in Medicinal Chemistry, 2015, 15, 1050-1064.	2.1	14
50	4-(1-Aryl-5-chloro-2-oxo-1,2-dihydro-indol-3-ylideneamino)-N-substituted benzene sulfonamides: Synthesis, antimicrobial, anticancer evaluation and QSAR studies. Arabian Journal of Chemistry, 2014, 7, 436-447.	4.9	13
51	4-(2-(1H-Benzo[d]imidazol-2-ylthio)acetamido)-N-(substituted phenyl)benzamides: design, synthesis and biological evaluation. BMC Chemistry, 2019, 13, 12.	3.8	13
52	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. Saudi Pharmaceutical Journal, 2022, 30, 750-763.	2.7	13
53	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
54	Design, synthesis and biological evaluation of 3-(2-aminoxazol-5-yl)-2H-chromen-2-one derivatives. Chemistry Central Journal, 2018, 12, 130.	2.6	12

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55	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
56	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
57	Bis-pyrimidine acetamides: design, synthesis and biological evaluation. <i>Chemistry Central Journal</i> , 2017, 11, 80.	2.6	11
58	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. <i>Chemistry Central Journal</i> , 2018, 12, 73.	2.6	11
59	Synthesis, antimicrobial, anticancer and QSAR studies of 1-[4-(substituted phenyl)-2-(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 4.9	4.9	11
60	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
61	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
62	Synthesis, in vitro antimicrobial, antiproliferative, and QSAR studies of N-(substituted) Tj ETQq0 0 0 rgBT /Overlock 2.4 Tf 50 462 Td (ph	2.4	9
63	Modulation of the Nitroergic Pathway via Activation of PPAR- β Contributes to the Neuroprotective Effect of Pioglitazone Against Streptozotocin-Induced Memory Dysfunction. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 739-750.	2.3	9
64	Synthesis, Antimicrobial and Anticancer Evaluation of 2-Azetidinones Clubbed with Quinazolinone. <i>Pharmaceutical Chemistry Journal</i> , 2016, 50, 24-28.	0.8	9
65	Anxiolytic-like and antidepressant-like effects of ethanol extract of Terminalia chebula in mice. <i>Journal of Traditional and Complementary Medicine</i> , 2021, 11, 493-502.	2.7	9
66	2-AZETIDINONE DERIVATIVES: SYNTHESIS, ANTIMICROBIAL, ANTICANCER EVALUATION AND QSAR STUDIES. <i>Acta Poloniae Pharmaceutica</i> , 2016, 73, 65-78.	0.1	9
67	Synthesis, molecular modelling and biological significance of N-(4-(4-bromophenyl)) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267	3.8	8
68	Evaluation of Anti-diarrheal Potential of Hydro-alcoholic Extracts of Leaves of <i>Murraya koenigii</i> in Experimental Animals. <i>Journal of Dietary Supplements</i> , 2016, 13, 393-401.	2.6	7
69	Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 2/3-bromo-N ϵ^2 -(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 4.9	4.9	7
70	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
71	Exploring the focal role of LRRK2 kinase in Parkinson's disease. <i>Environmental Science and Pollution Research</i> , 2022, 29, 32368-32382.	5.3	7
72	The ethyl acetate fraction of a methanolic extract of unripe noni (&i>Morinda citrifolia&i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (ph	1.1	6

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73	Histological changes in testes of rats treated with testosterone, nandrolone, and stanozolol. Iranian Journal of Reproductive Medicine, 2013, 11, 653-8.	0.8	6
74	Aqueous Ajwa dates seeds extract improves memory impairment in type-2 diabetes mellitus rats by reducing blood glucose levels and enhancing brain cholinergic transmission. Saudi Journal of Biological Sciences, 2022, 29, 2738-2748.	3.8	6
75	Neuroprotective Effect of Clobenpropit against Lipopolysaccharide-Induced Cognitive Deficits via Attenuating Neuroinflammation and Enhancing Mitochondrial Functions in Mice. Brain Sciences, 2021, 11, 1617.	2.3	6
76	Synthesis and biological profile of substituted benzimidazoles. Chemistry Central Journal, 2018, 12, 125.	2.6	5
77	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
78	Computational approaches: discovery of GTPase HRas as prospective drug target for 1,3-diazine scaffolds. BMC Chemistry, 2019, 13, 96.	3.8	5
79	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. Mini-Reviews in Medicinal Chemistry, 2019, 19, 851-864.	2.4	5
80	Mahanimbine Improved Aging-Related Memory Deficits in Mice through Enhanced Cholinergic Transmission and Suppressed Oxidative Stress, Amyloid Levels, and Neuroinflammation. Brain Sciences, 2022, 12, 12.	2.3	5
81	Biotechnological Innovations from Ocean: Transpiring Role of Marine Drugs in Management of Chronic Disorders. Molecules, 2022, 27, 1539.	3.8	5
82	Natural and Synthetic Agents Targeting Reactive Carbonyl Species against Metabolic Syndrome. Molecules, 2022, 27, 1583.	3.8	5
83	Probiotics and Neuroprotection. , 2015, , 859-868.		4
84	Exploring the therapeutic promise of targeting Rho kinase in rheumatoid arthritis. Inflammopharmacology, 2021, 29, 1641-1651.	3.9	4
85	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
86	Synthesis of piperidine-4-one Derivative Containing Dipeptide: An Acetyl cholinesterase and β -secretase Inhibitor. Anti-Infective Agents, 2020, 18, 160-168.	0.4	3
87	Antimicrobial Exploration Between Counterpart Endosymbiont and Host Plant (Tamarindus indica) Tj ETQq1 1 0.784314 rgBT ₃ /Overlook	1.6	3
88	Betahistine Protects Doxorubicin-Induced Memory Deficits via Cholinergic and Anti-Inflammatory Pathways in Mouse Brain. International Journal of Pharmacology, 2021, 17, 584-595.	0.3	3
89	N ⁴ -[4-[(Substituted imino)methyl]benzylidene]-substituted benzohydrazides: synthesis, antimicrobial, antiviral, and anticancer evaluation, and QSAR studies. Monatshefte für Chemie, 2013, 144, 825-849.	1.8	2
90	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

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91	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
92	Synthesis, molecular docking and biological potentials of new 2-(4-(2-chloroacetyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (piperazine) derivatives. International Journal of Pharmaceutics, 2019, 13, 113.	3.8	2
93	Design, Synthesis and Therapeutic Potential of Some 6, 6'-(1,4-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (phenylene)bis(2-ethyl-1,3-dioxane) derivatives. International Journal of Pharmaceutics, 2019, 19, 609-621.	2.4	2
94	In vitro Evaluation of Acetylcholinesterase Inhibitory and Neuroprotective Activity in Commiphora species: A Comparative Study. Pharmacognosy Journal, 2020, 12, 1223-1231.	0.8	2
95	Salvadora persica protects libido by reducing corticosterone and elevating the testosterone levels in chronic cigarette smoke exposure rats. Saudi Journal of Biological Sciences, 2021, 28, 4931-4937.	3.8	1
96	Neuroprotective Effect of Aqueous Extract of Ajwa Seeds via Anti-Inflammatory Pathways in Type-2 Diabetic-Induced Rats. International Journal of Pharmacology, 2022, 18, 299-306.	0.3	1
97	SYNTHESIS, ANTIMICROBIAL, ANTICANCER EVALUATION AND QSAR STUDIES OF THIAZOLIDIN-4-ONE DERIVATIVES. Acta Poloniae Pharmaceutica, 2016, 73, 93-106.	0.1	1
98	Murraya koenigii Leaves and Their Use in Dementia. , 2015, , 1039-1048.		0
99	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
100	Neuroprotective Effect of Clobenpropit in Lipopolysaccharides- induced Mice via Enhancing Cholinergic Transmission. International Journal of Pharmacology, 2022, 18, 321-330.	0.3	0
101	Aqueous Extract from Sukkari Date Seeds Attenuates Neuroinflammation Induced by Type-2 Diabetic in Rats. International Journal of Pharmacology, 2022, 18, 570-577.	0.3	0
102	Ciproxifan Attenuates Lipopolysaccharide-Induced Neuroinflammation and Mitochondrial Dysfunctions in Mouse Brain. International Journal of Pharmacology, 2022, 18, 407-414.	0.3	0