

Amala Soumyanath

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,142
citations

471509

17
h-index

526287

27
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29
all docs

29
docs citations

29
times ranked

975
citing authors

#	ARTICLE	IF	CITATIONS
1	Withania somnifera and Centella asiatica Extracts Ameliorate Behavioral Deficits in an In Vivo <i>Drosophila melanogaster</i> Model of Oxidative Stress. <i>Antioxidants</i> , 2022, 11, 121.	5.1	5
2	Pharmacokinetics and Pharmacodynamics of Key Components of a Standardized <i>Centella asiatica</i> Product in Cognitively Impaired Older Adults: A Phase 1, Double-Blind, Randomized Clinical Trial. <i>Antioxidants</i> , 2022, 11, 215.	5.1	10
3	The Impact of the hAPP695SW Transgene and Associated Amyloid- β^2 Accumulation on Murine Hippocampal Biochemical Pathways. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 1601-1619.	2.6	12
4	Loss of NRF2 accelerates cognitive decline, exacerbates mitochondrial dysfunction, and is required for the cognitive enhancing effects of <i>Centella asiatica</i> during aging. <i>Neurobiology of Aging</i> , 2021, 100, 48-58.	3.1	17
5	Prolonged Treatment with <i>Centella asiatica</i> Improves Memory, Reduces Amyloid- β^2 Pathology, and Activates NRF2-Regulated Antioxidant Response Pathway in 5xFAD Mice. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1453-1468.	2.6	17
6	Caffeoylquinic acids: chemistry, biosynthesis, occurrence, analytical challenges, and bioactivity. <i>Plant Journal</i> , 2021, 107, 1299-1319.	5.7	87
7	Developing a Rational, Optimized Product of <i>Centella asiatica</i> for Examination in Clinical Trials: Real World Challenges. <i>Frontiers in Nutrition</i> , 2021, 8, 799137.	3.7	2
8	<i>Centella asiatica</i> Alters Metabolic Pathways Associated With Alzheimer's Disease in the 5xFAD Mouse Model of A β -Amyloid Accumulation. <i>Frontiers in Pharmacology</i> , 2021, 12, 788312.	3.5	12
9	Caffeoylquinic Acids in <i>Centella asiatica</i> Reverse Cognitive Deficits in Male 5XFAD Alzheimer's Disease Model Mice. <i>Nutrients</i> , 2020, 12, 3488.	4.1	34
10	<i>Centella asiatica</i> Water Extract Shows Low Potential for Cytochrome P450-Mediated Drug Interactions. <i>Drug Metabolism and Disposition</i> , 2020, 48, 1053-1063.	3.3	4
11	Integration of mass spectral fingerprinting analysis with precursor ion (MS1) quantification for the characterisation of botanical extracts: application to extracts of <i>Centella asiatica</i> (L.) Urban. <i>Phytochemical Analysis</i> , 2020, 31, 722-738.	2.4	28
12	<i>Centella Asiatica</i> Improves Memory and Promotes Antioxidative Signaling in 5XFAD Mice. <i>Antioxidants</i> , 2019, 8, 630.	5.1	47
13	Analysis of Levodopa Content in Commercial <i>Mucuna pruriens</i> Products Using High-Performance Liquid Chromatography with Fluorescence Detection. <i>Journal of Alternative and Complementary Medicine</i> , 2018, 24, 182-186.	2.1	12
14	<i>Centella asiatica</i> : phytochemistry and mechanisms of neuroprotection and cognitive enhancement. <i>Phytochemistry Reviews</i> , 2018, 17, 161-194.	6.5	144
15	<i>Centella asiatica</i> triterpenes for diabetic neuropathy: a randomized, double-blind, placebo-controlled, pilot clinical study. <i>Esperienze Dermatologiche</i> , 2018, 20, 12-22.	0.0	13
16	<i>Centella asiatica</i> attenuates hippocampal mitochondrial dysfunction and improves memory and executive function in β^2 -amyloid overexpressing mice. <i>Molecular and Cellular Neurosciences</i> , 2018, 93, 1-9.	2.2	53
17	<i>Centella asiatica</i> increases hippocampal synaptic density and improves memory and executive function in aged mice. <i>Brain and Behavior</i> , 2018, 8, e01024.	2.2	48
18	<i>Centella asiatica</i> attenuates A β^2 -induced neurodegenerative spine loss and dendritic simplification. <i>Neuroscience Letters</i> , 2017, 646, 24-29.	2.1	34

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19	<i>Centella asiatica</i> Attenuates Mitochondrial Dysfunction and Oxidative Stress in A β -Exposed Hippocampal Neurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-8.	4.0	34
20	<i>Centella asiatica</i> modulates antioxidant and mitochondrial pathways and improves cognitive function in mice. <i>Journal of Ethnopharmacology</i> , 2016, 180, 78-86.	4.1	84
21	<i>Centella asiatica</i> Attenuates Amyloid- β -Induced Oxidative Stress and Mitochondrial Dysfunction. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 933-946.	2.6	67
22	Curcumin Treatment Improves Motor Behavior in α -Synuclein Transgenic Mice. <i>PLoS ONE</i> , 2015, 10, e0128510.	2.5	44
23	Caffeoylquinic Acids in <i>Centella asiatica</i> Protect against Amyloid- β Toxicity. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 359-373.	2.6	78
24	<i>Centella asiatica</i> Extract Improves Behavioral Deficits in a Mouse Model of Alzheimer's Disease: Investigation of a Possible Mechanism of Action. <i>International Journal of Alzheimer's Disease</i> , 2012, 2012, 1-9.	2.0	77
25	Monitoring human melanocytic cell responses to piperine using multispectral imaging. , 2011, , .		0
26	<i>Centella asiatica</i> accelerates nerve regeneration upon oral administration and contains multiple active fractions increasing neurite elongation in-vitro. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 1221-1229.	2.4	121
27	Amides from <i>Piper nigrum</i> L. with dissimilar effects on melanocyte proliferation in-vitro. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 529-536.	2.4	38
28	UV Irradiation Affects Melanocyte Stimulatory Activity and Protein Binding of Piperine. <i>Photochemistry and Photobiology</i> , 2006, 82, 1541-1548.	2.5	20
29	UV irradiation affects melanocyte stimulatory activity and protein binding of piperine. <i>Photochemistry and Photobiology</i> , 2006, 82, 1541-8.	2.5	0