

Lap Ho

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

3,448
citations

218677

26
h-index

243625

44
g-index

69
all docs

69
docs citations

69
times ranked

5408
citing authors

#	ARTICLE	IF	CITATIONS
1	Diet-induced insulin resistance promotes amyloidosis in a transgenic mouse model of Alzheimer's disease. <i>FASEB Journal</i> , 2004, 18, 902-904.	0.5	583
2	Neuronal SIRT1 Activation as a Novel Mechanism Underlying the Prevention of Alzheimer Disease Amyloid Neuropathology by Calorie Restriction*. <i>Journal of Biological Chemistry</i> , 2006, 281, 21745-21754.	3.4	567
3	Protective roles of intestinal microbiota derived short chain fatty acids in Alzheimer's disease-type beta-amyloid neuropathological mechanisms. <i>Expert Review of Neurotherapeutics</i> , 2018, 18, 83-90.	2.8	247
4	Role of intestinal microbiota in the generation of polyphenol-derived phenolic acid mediated attenuation of Alzheimer's disease amyloid oligomerization. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1025-1040.	3.3	187
5	Epigenetic modulation of inflammation and synaptic plasticity promotes resilience against stress in mice. <i>Nature Communications</i> , 2018, 9, 477.	12.8	185
6	Roles of resveratrol and other grape-derived polyphenols in Alzheimer's disease prevention and treatment. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1202-1208.	3.8	183
7	Identification of brain-targeted bioactive dietary quercetin-glucuronide as a novel intervention for Alzheimer's disease. <i>FASEB Journal</i> , 2013, 27, 769-781.	0.5	177
8	Molecular subtyping of Alzheimer's disease using RNA sequencing data reveals novel mechanisms and targets. <i>Science Advances</i> , 2021, 7, .	10.3	137
9	Heterogeneity in Red Wine Polyphenolic Contents Differentially Influences Alzheimer's Disease-type Neuropathology and Cognitive Deterioration. <i>Journal of Alzheimer's Disease</i> , 2009, 16, 59-72.	2.6	116
10	Transformative Network Modeling of Multi-omics Data Reveals Detailed Circuits, Key Regulators, and Potential Therapeutics for Alzheimer's Disease. <i>Neuron</i> , 2021, 109, 257-272.e14.	8.1	108
11	Grape Seed Polyphenolic Extract as a Potential Novel Therapeutic Agent in Tauopathies. <i>Journal of Alzheimer's Disease</i> , 2009, 16, 433-439.	2.6	75
12	Shared genetic etiology underlying Alzheimer's disease and type 2 diabetes. <i>Molecular Aspects of Medicine</i> , 2015, 43-44, 66-76.	6.4	63
13	The Role of the Gut Microbiota in the Metabolism of Polyphenols as Characterized by Gnotobiotic Mice. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 409-421.	2.6	63
14	The gut microbiota composition affects dietary polyphenols-mediated cognitive resilience in mice by modulating the bioavailability of phenolic acids. <i>Scientific Reports</i> , 2019, 9, 3546.	3.3	61
15	Heterogeneity in gut microbiota drive polyphenol metabolism that influences α -synuclein misfolding and toxicity. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 170-181.	4.2	52
16	Dietary supplementation with decaffeinated green coffee improves diet-induced insulin resistance and brain energy metabolism in mice. <i>Nutritional Neuroscience</i> , 2012, 15, 37-45.	3.1	48
17	Novel application of brain-targeting polyphenol compounds in sleep deprivation-induced cognitive dysfunction. <i>Neurochemistry International</i> , 2015, 89, 191-197.	3.8	47
18	Decreased Level of Olfactory Receptors in Blood Cells Following Traumatic Brain Injury and Potential Association with Tauopathy. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 417-429.	2.6	44

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19	From proteomics to biomarker discovery in Alzheimer's disease. <i>Brain Research Reviews</i> , 2005, 48, 360-369.	9.0	43
20	Guidelines for bioinformatics of single-cell sequencing data analysis in Alzheimer's disease: review, recommendation, implementation and application. <i>Molecular Neurodegeneration</i> , 2022, 17, 17.	10.8	40
21	Influence of diabetes on plasma pharmacokinetics and brain bioavailability of grape polyphenols and their phase II metabolites in the Zucker diabetic fatty rat. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700111.	3.3	37
22	Elevated Plasma MCP-1 Concentration Following Traumatic Brain Injury as a Potential Predisposition Factor Associated with an Increased Risk for Subsequent Development of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 31, 301-313.	2.6	36
23	Alzheimer's disease biomarker discovery in symptomatic and asymptomatic patients: Experimental approaches and future clinical applications. <i>Experimental Gerontology</i> , 2010, 45, 15-22.	2.8	34
24	The effect of obesity and repeated exposure on pharmacokinetic response to grape polyphenols in humans. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700043.	3.3	32
25	Polyphenolic compounds for treating neurodegenerative disorders involving protein misfolding. <i>Expert Review of Proteomics</i> , 2010, 7, 579-589.	3.0	30
26	Selective brain penetrable Nurr1 transactivator for treating Parkinson's disease. <i>Oncotarget</i> , 2016, 7, 7469-7479.	1.8	30
27	Inhibiting amyloid β protein assembly: Size-activity relationships among grape seed-derived polyphenols. <i>Journal of Neurochemistry</i> , 2015, 135, 416-430.	3.9	28
28	Polyphenolic Compounds Alter Stress-Induced Patterns of Global DNA Methylation in Brain and Blood. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700722.	3.3	19
29	Recommendations for Development of New Standardized Forms of Cocoa Breeds and Cocoa Extract Processing for the Prevention of Alzheimer's Disease: Role of Cocoa in Promotion of Cognitive Resilience and Healthy Brain Aging. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 879-889.	2.6	18
30	Biomarkers of Resilience in Stress Reduction for Caregivers of Alzheimer's Patients. <i>NeuroMolecular Medicine</i> , 2016, 18, 177-189.	3.4	18
31	Development and validation of an ultra-high performance liquid chromatography/triple quadrupole mass spectrometry method for analyzing microbial-derived grape polyphenol metabolites. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1099, 34-45.	2.3	17
32	Gut Microbiome-Modified Polyphenolic Compounds Inhibit β -Synuclein Seeding and Spreading in β -Synucleinopathies. <i>Frontiers in Neuroscience</i> , 2020, 14, 398.	2.8	17
33	Insulin Receptor Expression and Activity in the Brains of Nondiabetic Sporadic Alzheimer's Disease Cases. <i>International Journal of Alzheimer's Disease</i> , 2012, 2012, 1-12.	2.0	14
34	Targeted analysis of microbial-generated phenolic acid metabolites derived from grape flavanols by gas chromatography-triple quadrupole mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 374-383.	2.8	14
35	Impaired mitochondrial energy metabolism as a novel risk factor for selective onset and progression of dementia in oldest-old subjects. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 565.	2.2	13
36	Dietary polyphenols as a safe and novel intervention for modulating pain associated with intervertebral disc degeneration in an in-vivo rat model. <i>PLoS ONE</i> , 2019, 14, e0223435.	2.5	13

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37	Extracellular Tau Paired Helical Filaments Differentially Affect Tau Pathogenic Mechanisms in Mitotic and Post-Mitotic Cells: Implications for Mechanisms of Tau Propagation in the Brain. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 477-496.	2.6	10
38	Safety, Tolerability and Efficacy of Dietary Supplementation with Concord Grape Juice in Gulf War Veterans with Gulf War Illness: A Phase I/IIA, Randomized, Double-Blind, Placebo-Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3546.	2.6	10
39	Autonomic Nervous System Dysfunctions as a Basis for a Predictive Model of Risk of Neurological Disorders in Subjects with Prior History of Traumatic Brain Injury: Implications in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 305-315.	2.6	4
40	A Comprehensive Database and Analysis Framework To Incorporate Multiscale Data Types and Enable Integrated Analysis of Bioactive Polyphenols. <i>Molecular Pharmaceutics</i> , 2018, 15, 840-850.	4.6	4
41	P1-079: NOVEL ROLE OF THE DEPRESSION-ASSOCIATED GATA1 TRANSCRIPTION FACTOR IN ALZHEIMER'S DISEASE. , 2014, 10, P332-P332.		3
42	Changes in polyphenol serum levels and cognitive performance after dietary supplementation with Concord grape juice in veterans with Gulf War Illness. <i>Life Sciences</i> , 2022, 292, 119797.	4.3	3
43	The potential of selective COX-2 inhibitors in inflammatory and other diseases. <i>Drugs of Today</i> , 2001, 37, 181.	1.1	3
44	O2-02-04: Protective Roles of Intestinal Microbiota in Alzheimer's Disease Through Mechanisms Involving Short Chain Fatty Acids and Phenolic Acids. , 2016, 12, P224-P225.		1
45	In Silico Modeling of Novel Drug Ligands for Treatment of Concussion Associated Tauopathy. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2241-2248.	2.6	1
46	P3-060: ACTIVATION OF ECTOPICALLY EXPRESSED OLFACTORY RECEPTORS IN THE BRAIN ATTENUATES TAU-PROCESSING IN RESPONSE TO MILD TRAUMATIC BRAIN INJURY. , 2014, 10, P649-P650.		0
47	P4-155: Intestinal microbiota-derived phenol acids are capable of accumulating in the brain and interfere with A β -amyloid oligomerization. , 2015, 11, P838-P838.		0
48	P1-093: Characterization of Novel Bioavailable Bioactive Polyphenolic Compounds for Pharmacological Preservation of Blood Brain Barrier Function in Alzheimer's and Dementia, 2016, 12, P436.	0.8	0
49	Bioavailability of gallic acid and catechins from neuroprotective grape seed extract is improved by repeated dosing in rats. <i>FASEB Journal</i> , 2009, 23, 104.4.	0.5	0
50	Bioavailability and Brain Deposition of Proanthocyanidin (PAC), Anthocyanin and Flavonoid in Combi-Phenol Treated Rats on High Fat (HF) or Low Fat (LF) Diet. <i>FASEB Journal</i> , 2012, 26, 646.8.	0.5	0
51	Exploring The Molecular Mechanisms Underlying The Efficacy of Mindfulness Based Stress Reduction In Alleviating Psychological Stress in Alzheimer's Disease Caregivers. <i>FASEB Journal</i> , 2012, 26, 846.1.	0.5	0
52	Systems Biology Evaluation of Combi-Phenol on Metabolic Syndrome-Induced Brain Dysfunction. <i>FASEB Journal</i> , 2012, 26, 626.30.	0.5	0
53	Repeated dosing and BMI influence plasma polyphenol response in humans. <i>FASEB Journal</i> , 2013, 27, .	0.5	0
54	Influence of Diabetes on Plasma Pharmacokinetics and Brain Bioavailability of Grape Polyphenols in the Zucker Rat Model. <i>FASEB Journal</i> , 2013, 27, 636.3.	0.5	0

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55	The Role of the Gut Microbiota in the Metabolism of Polyphenols as Characterized by Gnotobiotic Mice. <i>Advances in Alzheimer's Disease</i> , 2022, , .	0.2	0