

Myung Sook Oh

List of Publications by Year in descending order

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99
papers

2,727
citations

201674

27
h-index

223800

46
g-index

101
all docs

101
docs citations

101
times ranked

3608
citing authors

#	ARTICLE	IF	CITATIONS
1	Oral administration of <i>Proteus mirabilis</i> damages dopaminergic neurons and motor functions in mice. <i>Scientific Reports</i> , 2018, 8, 1275.	3.3	119
2	Hydrazine Expos ^Å : The Next-Generation Fluorescent Probe. <i>ACS Sensors</i> , 2019, 4, 441-449.	7.8	112
3	6-Shogaol, an active constituent of ginger, attenuates neuroinflammation and cognitive deficits in animal models of dementia. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 8-13.	2.1	111
4	Donepezil inhibits the amyloid-beta oligomer-induced microglial activation in vitro and in vivo. <i>NeuroToxicology</i> , 2014, 40, 23-32.	3.0	108
5	Heat stress-induced memory impairment is associated with neuroinflammation in mice. <i>Journal of Neuroinflammation</i> , 2015, 12, 102.	7.2	103
6	Genipin inhibits the inflammatory response of rat brain microglial cells. <i>International Immunopharmacology</i> , 2010, 10, 493-499.	3.8	100
7	Cassiae semen, a seed of <i>Cassia obtusifolia</i> , has neuroprotective effects in Parkinson ^Å ™s disease models. <i>Food and Chemical Toxicology</i> , 2010, 48, 2037-2044.	3.6	99
8	Pharmacotherapeutic potential of ginger and its compounds in age-related neurological disorders. , 2018, 182, 56-69.		98
9	Transplantation of gut microbiota derived from Alzheimer ^Å ™s disease mouse model impairs memory function and neurogenesis in C57BL/6 mice. <i>Brain, Behavior, and Immunity</i> , 2021, 98, 357-365.	4.1	93
10	Effects of the hook of <i>Uncaria rhynchophylla</i> on neurotoxicity in the 6-hydroxydopamine model of Parkinson's disease. <i>Journal of Ethnopharmacology</i> , 2009, 126, 361-365.	4.1	83
11	Herbal Medicines for the Prevention and Treatment of Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2012, 18, 57-75.	1.9	79
12	Ginger improves cognitive function via NGF-induced ERK/CREB activation in the hippocampus of the mouse. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1058-1065.	4.2	76
13	Harnessing Intramolecular Rotation To Enhance Two ^Å €photon Imaging of A ^Å 2 Plaques through Minimizing Background Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5648-5652.	13.8	71
14	Influence of roasting on the antioxidant activity of small black soybean (<i>Glycine max</i> L. Merrill). <i>LWT - Food Science and Technology</i> , 2011, 44, 992-998.	5.2	61
15	Effects of the root bark of <i>Paeonia suffruticosa</i> on mitochondria-mediated neuroprotection in an MPTP-induced model of Parkinson ^Å ™s disease. <i>Food and Chemical Toxicology</i> , 2014, 65, 293-300.	3.6	52
16	Use of traditional herbal medicine as an alternative in dental treatment in Mexican dentistry: a review. <i>Pharmaceutical Biology</i> , 2017, 55, 1992-1998.	2.9	52
17	Ethanol extract of <i>Bupleurum falcatum</i> and saikosaponins inhibit neuroinflammation via inhibition of NF- ^Å ®B. <i>Journal of Ethnopharmacology</i> , 2015, 174, 37-44.	4.1	48
18	Piperlongumine inhibits neuroinflammation via regulating NF- ^Å ®B signaling pathways in lipopolysaccharide-stimulated BV2 microglia cells. <i>Journal of Pharmacological Sciences</i> , 2018, 137, 195-201.	2.5	47

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19	A molecular approach to rationally constructing specific fluorogenic substrates for the detection of acetylcholinesterase activity in live cells, mice brains and tissues. <i>Chemical Science</i> , 2020, 11, 11285-11292.	7.4	40
20	Yukmijihwang-tang protects against cyclophosphamide-induced reproductive toxicity. <i>Reproductive Toxicology</i> , 2007, 24, 365-370.	2.9	37
21	Juglans mandshurica leaf extract protects skin fibroblasts from damage by regulating the oxidative defense system. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 343-348.	2.1	36
22	A brain tumor-homing tetra-peptide delivers a nano-therapeutic for more effective treatment of a mouse model of glioblastoma. <i>Nanoscale Horizons</i> , 2020, 5, 1213-1225.	8.0	36
23	Evaluation of Samjunghwan, a traditional medicine, for neuroprotection against damage by amyloid-beta in rat cortical neurons. <i>Journal of Ethnopharmacology</i> , 2010, 130, 625-630.	4.1	34
24	Penta-fluorophenol: a Smiles rearrangement-inspired cysteine-selective fluorescent probe for imaging of human glioblastoma. <i>Chemical Science</i> , 2020, 11, 5658-5668.	7.4	34
25	The multi-herbal formula Guibi-tang enhances memory and increases cell proliferation in the rat hippocampus. <i>Neuroscience Letters</i> , 2005, 379, 205-208.	2.1	30
26	Picrorhiza kurroa Prevents Memory Deficits by Inhibiting NLRP3 Inflammasome Activation and BACE1 Expression in 5xFAD Mice. <i>Neurotherapeutics</i> , 2020, 17, 189-199.	4.4	30
27	Memory-enhancing effect of Mori Fructus via induction of nerve growth factor. <i>British Journal of Nutrition</i> , 2013, 110, 86-94.	2.3	29
28	Dangguijakyak-san, a medicinal herbal formula, protects dopaminergic neurons from 6-hydroxydopamine-induced neurotoxicity. <i>Journal of Ethnopharmacology</i> , 2011, 133, 934-939.	4.1	28
29	Ginger fermented with <i>Schizosaccharomyces pombe</i> alleviates memory impairment via protecting hippocampal neuronal cells in amyloid beta ¹⁻⁴² plaque injected mice. <i>Food and Function</i> , 2018, 9, 171-178.	4.6	28
30	Effects of Rubus coreanus on sperm parameters and cAMP-responsive element modulator (CREM) expression in rat testes. <i>Journal of Ethnopharmacology</i> , 2007, 114, 463-467.	4.1	26
31	Gami-Chunghyuldan ameliorates memory impairment and neurodegeneration induced by intrahippocampal A β ¹⁻⁴² oligomer injection. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 306-314.	1.9	26
32	Inhibitory effects of Juglans mandshurica leaf on allergic dermatitis-like skin lesions-induced by 2,4-dinitrochlorobenzene in mice. <i>Experimental and Toxicologic Pathology</i> , 2014, 66, 97-101.	2.1	26
33	Mulberry fruit ameliorates Parkinson's-disease-related pathology by reducing α -synuclein and ubiquitin levels in a 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine/probenecid model. <i>Journal of Nutritional Biochemistry</i> , 2017, 39, 15-21.	4.2	25
34	Coptidis Rhizoma Prevents Heat Stress-Induced Brain Damage and Cognitive Impairment in Mice. <i>Nutrients</i> , 2017, 9, 1057.	4.1	25
35	Tectorigenin, a Flavonoid-Based Compound of Leopard Lily Rhizome, Attenuates UV-B-Induced Apoptosis and Collagen Degradation by Inhibiting Oxidative Stress in Human Keratinocytes. <i>Nutrients</i> , 2018, 10, 1998.	4.1	25
36	Artemisia Capillaris leaves inhibit cell proliferation and induce apoptosis in hepatocellular carcinoma. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 147.	3.7	25

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37	In Vitro and in Vivo Neuroprotective Effects of Walnut (<i>Juglandis Semen</i>) in Models of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2016, 17, 108.	4.1	24
38	Protective effects of a herbal extract combination of <i>Bupleurum falcatum</i> , <i>Paeonia suffruticosa</i> , and <i>Angelica dahurica</i> against MPTP-induced neurotoxicity via regulation of nuclear receptor-related 1 protein. <i>Neuroscience</i> , 2017, 340, 166-175.	2.3	24
39	White Ginseng Protects Mouse Hippocampal Cells Against Amyloid-Beta Oligomer Toxicity. <i>Phytotherapy Research</i> , 2017, 31, 497-506.	5.8	23
40	Herbal medicines for the prevention and treatment of Alzheimer's disease. <i>Current Pharmaceutical Design</i> , 2012, 18, 57-75.	1.9	23
41	Mori Fructus improves cognitive and neuronal dysfunction induced by beta-amyloid toxicity through the GSK-3 β pathway in vitro and in vivo. <i>Journal of Ethnopharmacology</i> , 2015, 171, 196-204.	4.1	22
42	<i>Houttuynia cordata</i> Improves Cognitive Deficits in Cholinergic Dysfunction Alzheimer's Disease-Like Models. <i>Biomolecules and Therapeutics</i> , 2014, 22, 176-183.	2.4	22
43	Memory-enhancing effects of <i>Cuscuta japonica</i> Choisy via enhancement of adult hippocampal neurogenesis in mice. <i>Behavioural Brain Research</i> , 2016, 311, 173-182.	2.2	21
44	An ethyl acetate fraction of <i>Artemisia capillaris</i> induced apoptosis and anti-angiogenesis via inhibition of PI3K/AKT signaling in hepatocellular carcinoma. <i>Phytotherapy Research</i> , 2018, 32, 2034-2046.	5.8	21
45	Ginger and 6-shogaol protect intestinal tight junction and enteric dopaminergic neurons against 1-methyl-4-phenyl 1,2,3,6-tetrahydropyridine in mice. <i>Nutritional Neuroscience</i> , 2020, 23, 455-464.	3.1	20
46	Gene transfer in the nervous system and implications for transsynaptic neuronal tracing. <i>Expert Opinion on Biological Therapy</i> , 2010, 10, 763-772.	3.1	19
47	Anti-apoptotic effect of modified Chunsimyeolda-tang, a traditional Korean herbal formula, on MPTP-induced neuronal cell death in a Parkinson's disease mouse model. <i>Journal of Ethnopharmacology</i> , 2015, 176, 336-344.	4.1	17
48	Neuroprotective effect of 6-paradol enriched ginger extract by fermentation using <i>Schizosaccharomyces pombe</i> . <i>Journal of Functional Foods</i> , 2017, 31, 304-310.	3.4	17
49	Harnessing Intramolecular Rotation To Enhance Two-photon Imaging of A β Plaques through Minimizing Background Fluorescence. <i>Angewandte Chemie</i> , 2019, 131, 5704-5708.	2.0	17
50	<i>Cyperus Rhizoma</i> inhibits the 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced reduction in nigrostriatal dopaminergic neurons in estrogen-deprived mice. <i>Journal of Ethnopharmacology</i> , 2013, 148, 322-328.	4.1	16
51	Triple herbal extract DA-9805 exerts a neuroprotective effect via amelioration of mitochondrial damage in experimental models of Parkinson's disease. <i>Scientific Reports</i> , 2018, 8, 15953.	3.3	16
52	High-throughput 16S rRNA gene sequencing reveals that 6-hydroxydopamine affects gut microbial environment. <i>PLoS ONE</i> , 2019, 14, e0217194.	2.5	16
53	Development of a diagnostic method for Parkinson's disease by reverse-phase high-performance liquid chromatography coupled with integrated pulsed amperometric detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 110-116.	2.8	15
54	Effects of <i>Rhei Undulati Rhizoma</i> on lipopolysaccharide-induced neuroinflammation in vitro and in vivo. <i>Environmental Toxicology</i> , 2018, 33, 23-31.	4.0	15

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55	Artemisiae Iwayomogii Herba inhibits lipopolysaccharide-induced neuroinflammation by regulating NF- κ B and MAPK signaling pathways. <i>Phytomedicine</i> , 2021, 84, 153501.	5.3	15
56	Impaired Memory in OT-II Transgenic Mice Is Associated with Decreased Adult Hippocampal Neurogenesis Possibly Induced by Alteration in Th2 Cytokine Levels. <i>Molecules and Cells</i> , 2016, 39, 603-610.	2.6	15
57	Bombicis excrementum Reduces Amyloid- β Oligomer-Induced Memory Impairments, Neurodegeneration, and Neuroinflammation in Mice. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 599-613.	2.6	13
58	An Optimized Combination of Ginger and Peony Root Effectively Inhibits Amyloid- β Accumulation and Amyloid- β -Mediated Pathology in A β PP/PS1 Double-Transgenic Mice. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 189-200.	2.6	13
59	Inhibitory effects of Aconiti Lateralis Radix Preparata on chronic intermittent cold-induced inflammation in the mouse hypothalamus. <i>Journal of Ethnopharmacology</i> , 2018, 215, 27-33.	4.1	13
60	Fermentation enhances the neuroprotective effect of shogaol-enriched ginger extract via an increase in 6-paradol content. <i>Journal of Functional Foods</i> , 2016, 21, 147-152.	3.4	12
61	Peucedani Japonici Radix ameliorates lipopolysaccharide-induced neuroinflammation by regulating microglial responses. <i>Neuroscience Letters</i> , 2018, 686, 161-167.	2.1	12
62	Butterbur Leaves Attenuate Memory Impairment and Neuronal Cell Damage in Amyloid Beta-Induced Alzheimer's Disease Models. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1644.	4.1	12
63	Cuscutae Japonicae Semen Ameliorates Memory Dysfunction by Rescuing Synaptic Damage in Alzheimer's Disease Models. <i>Nutrients</i> , 2019, 11, 2591.	4.1	12
64	High Stability of a Donor-Acceptor Type Oxazepine-Containing Fluorophore and Its Applications in Cellular Imaging and Two-Photon Deep Tissue Imaging. <i>Organic Letters</i> , 2019, 21, 3891-3894.	4.6	12
65	Effects of optimized-SopungSunkiwon on memory impairment and enhancement. <i>Neuroscience Letters</i> , 2011, 491, 93-98.	2.1	11
66	Sanguisorbae Radix Protects Against 6-Hydroxydopamine-Induced Neurotoxicity by Regulating NADPH Oxidase and NF- κ B-related Factor-1/Heme Oxygenase-1 Expressions. <i>Phytotherapy Research</i> , 2013, 27, 1012-1017.	5.8	11
67	Antioxidant effects of the sarsaparilla via scavenging of reactive oxygen species and induction of antioxidant enzymes in human dermal fibroblasts. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 305-315.	4.0	11
68	Mori Folium and Mori Fructus Mixture Attenuates High-Fat Diet-Induced Cognitive Deficits in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	1.2	11
69	1-Methyl-4-phenyl-1,2,3,6 tetrahydropyridine/probenecid impairs intestinal motility and olfaction in the early stages of Parkinson's disease in mice. <i>Journal of the Neurological Sciences</i> , 2018, 392, 77-82.	0.6	11
70	Protective effects of DA-9805 on dopaminergic neurons against 6-hydroxydopamine-induced neurotoxicity in the models of Parkinson's disease. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109184.	5.6	11
71	Neuroprotective effect of Chunghyuldan from amyloid beta oligomer induced neuroinflammation in vitro and in vivo. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014, 92, 429-437.	1.4	10
72	Acceleration of heat shock-induced collagen breakdown in human dermal fibroblasts with knockdown of NF-E2-related factor 2. <i>BMB Reports</i> , 2015, 48, 467-472.	2.4	10

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73	Anti-neuroinflammatory effect of Iresine celosia on lipopolysaccharide-stimulated microglial cells and mouse. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 1359-1366.	5.6	10
74	Protective effects of Belamcandae Rhizoma against skin damage by ameliorating ultravioletâ€induced apoptosis and collagen degradation in keratinocytes. <i>Environmental Toxicology</i> , 2019, 34, 1354-1362.	4.0	9
75	Measuring levels of biogenic amines and their metabolites in rat brain tissue using high-performance liquid chromatography with photodiode array detection. <i>Archives of Pharmacal Research</i> , 2016, 39, 59-65.	6.3	8
76	Natural products as potential anticonvulsants: Caffeoylquinic acids. <i>Archives of Pharmacal Research</i> , 2012, 35, 389-392.	6.3	7
77	Dangguijakyak-san ameliorates memory deficits in ovariectomized mice by upregulating hippocampal estrogen synthesis. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 501.	3.7	7
78	Ukgansan protects dopaminergic neurons from 6-hydroxydopamine neurotoxicity via activation of the nuclear factor (erythroid-derived 2)-like 2 factor signaling pathway. <i>Neurochemistry International</i> , 2019, 122, 208-215.	3.8	7
79	CCL01, a novel formulation composed of <i>Cuscuta</i> seeds and <i>Lactobacillus paracasei</i> NK112, enhances memory function via nerve growth factor-mediated neurogenesis. <i>Food and Function</i> , 2021, 12, 10690-10699.	4.6	7
80	The Effects of BR003 on Memory and Cell Proliferation in the Dentate Gyrus of Rat Hippocampus. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 813-816.	1.4	6
81	Development of in vitro PI3K3/VPS34 complex protein assay for autophagy-specific inhibitor screening. <i>Analytical Biochemistry</i> , 2015, 480, 21-27.	2.4	6
82	Effect of a Traditional Herbal Prescription, Kyung-Ok-Ko, on Male Mouse Spermatogenic Ability after Heat-Induced Damage. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-7.	1.2	5
83	Effects of Myoga on Memory and Synaptic Plasticity by Regulating Nerve Growth Factor-Mediated Signaling. <i>Phytotherapy Research</i> , 2016, 30, 208-213.	5.8	5
84	DA-9801, a standardized Dioscorea extract, improves memory function via the activation of nerve growth factor-mediated signaling. <i>Nutritional Neuroscience</i> , 2022, 25, 219-230.	3.1	5
85	Artemisiae Iwayomogii Herba Inhibits Growth, Motility, and the PI3K/AKT/mTOR Signaling Pathway in Hepatocellular Carcinoma Cells. <i>Planta Medica</i> , 2020, 86, 717-727.	1.3	4
86	Sceptrinâ€Au nano-aggregates (SANA) for overcoming drug-resistant Gram-negative bacteria. <i>Nanoscale Horizons</i> , 2022, 7, 873-882.	8.0	4
87	An experimental study on providing a scientific evidence for seven-time alcohol-steaming of Rhei Rhizoma when clinically used. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 388.	3.7	3
88	An alcoholic extract of Thuja orientalis L. leaves inhibits autophagy by specifically targeting pro-autophagy PIK3C3/VPS34 complex. <i>Scientific Reports</i> , 2021, 11, 17712.	3.3	3
89	Optimized-SopungSunkiwon, a Herbal Formula, Attenuates A β Oligomer-Induced Neurotoxicity in Alzheimer's Disease Models. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-12.	1.2	2
90	A novel nutritional mixture, MBN, prevents memory impairment via inhibiting NLRP3 inflammasome formation in 5xFAD transgenic mice. <i>Nutritional Neuroscience</i> , 2021, , 1-8.	3.1	2

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91	Geongangbuja-Tang Decoction and Its Active Ingredient, Aconiti Lateralis Radix Preparata, Exerts Inhibitory Effects on Heat Stress-Induced Inflammation in Mice. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6902.	2.5	2
92	Effects of Dangguiâ€šshaoyaoâ€šsan on Neuronal Damage in Parkinson's Disease Models. <i>FASEB Journal</i> , 2015, 29, 773.10.	0.5	2
93	Nutraceuticals and Prevention of Neurodegeneration Herbal Medicines for the Prevention and Treatment of Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2012, , .	1.9	2
94	The Mixture of Gotu Kola, Cnidium Fruit, and Goji Berry Enhances Memory Functions by Inducing Nerve-Growth-Factor-Mediated Actions Both In Vitro and In Vivo. <i>Nutrients</i> , 2020, 12, 1372.	4.1	1
95	Single and Repeated Oral Dose Toxicity and Genotoxicity of the Leaves of Butterbur. <i>Foods</i> , 2021, 10, 1963.	4.3	1
96	The novel anti-neuroinflammatory functional food CCL01, a mixture of <i>Cuscuta seeds</i> extracts and <i>Lactobacillus paracasei</i> NK112. <i>Food and Function</i> , 0, , .	4.6	1
97	Protective Effect of Lycii Radicis Cortex against 6-Hydroxydopamine-Induced Dopaminergic Neuronal Cell Death. <i>Journal of Food Biochemistry</i> , 2015, 39, 281-288.	2.9	0
98	Effects of Silkworm Feed Residue on Neurotoxinâ€šInduced Cellular and Animal Models of Alzheimer's Disease. <i>FASEB Journal</i> , 2015, 29, 773.9.	0.5	0
99	Effects of Processed Rhubarb on Liver Cell Damage <i>in Vitro</i> and <i>in Vivo</i> . <i>FASEB Journal</i> , 2015, 29, 773.11.	0.5	0