

Eng-Ang Ling

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3024198/publications.pdf>

Version: 2024-02-01

69
papers

4,639
citations

147726

31
h-index

102432

66
g-index

69
all docs

69
docs citations

69
times ranked

6236
citing authors

#	ARTICLE	IF	CITATIONS
1	Microglial Activation and its Implications in the Brain Diseases. <i>Current Medicinal Chemistry</i> , 2007, 14, 1189-1197.	1.2	854
2	The origin and nature of ramified and amoeboid microglia: A historical review and current concepts. <i>Glia</i> , 1993, 7, 9-18.	2.5	640
3	Neuronal and microglial response in the retina of streptozotocin-induced diabetic rats. <i>Visual Neuroscience</i> , 2000, 17, 463-471.	0.5	240
4	Protective effects of ginseng on neurological disorders. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 129.	1.7	161
5	Roles of Activated Microglia in Hypoxia Induced Neuroinflammation in the Developing Brain and the Retina. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 66-78.	2.1	160
6	Origin of microglia. <i>Microscopy Research and Technique</i> , 2001, 54, 2-9.	1.2	140
7	Retinal microglia "A key player in healthy and diseased retina. <i>Progress in Neurobiology</i> , 2019, 173, 18-40.	2.8	134
8	Amoeboid and ramified microglia: Their interrelationship and response to brain injury. <i>Glia</i> , 1992, 6, 39-47.	2.5	132
9	Dexamethasone suppresses monocyte chemoattractant protein-1 production via mitogen activated protein kinase phosphatase-1 dependent inhibition of Jun N-terminal kinase and p38 mitogen-activated protein kinase in activated rat microglia. <i>Journal of Neurochemistry</i> , 2007, 102, 667-678.	2.1	112
10	The Choroid Plexus in Healthy and Diseased Brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 198-213.	0.9	110
11	Origin, nature, and some functional considerations of intraventricular macrophages, with special reference to the epiplexus cells. <i>Microscopy Research and Technique</i> , 1998, 41, 43-56.	1.2	103
12	Graft of the NT-3 persistent delivery gelatin sponge scaffold promotes axon regeneration, attenuates inflammation, and induces cell migration in rat and canine with spinal cord injury. <i>Biomaterials</i> , 2016, 83, 233-248.	5.7	103
13	Notch-1 Signaling Regulates Microglia Activation via NF- κ B Pathway after Hypoxic Exposure In Vivo and In Vitro. <i>PLoS ONE</i> , 2013, 8, e78439.	1.1	99
14	Biology of Microglia in the Developing Brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 736-753.	0.9	95
15	The Origin and Nature of Microglia. <i>Advances in Cellular Neurobiology</i> , 1981, 2, 33-82.	1.0	91
16	Integration of donor mesenchymal stem cell-derived neuron-like cells into host neural network after rat spinal cord transection. <i>Biomaterials</i> , 2015, 53, 184-201.	5.7	85
17	Peripheral Nerve-Derived Matrix Hydrogel Promotes Remyelination and Inhibits Synapse Formation. <i>Advanced Functional Materials</i> , 2018, 28, 1705739.	7.8	74
18	Scutellarin regulates the Notch pathway and affects the migration and morphological transformation of activated microglia in experimentally induced cerebral ischemia in rats and in activated BV-2 microglia. <i>Journal of Neuroinflammation</i> , 2015, 12, 11.	3.1	70

#	ARTICLE	IF	CITATIONS
19	Expression of Notch δ 1 receptor and its ligands Jagged δ 1 and Delta δ 1 in amoeboid microglia in postnatal rat brain and murine BV δ 2 cells. <i>Glia</i> , 2008, 56, 1224-1237.	2.5	68
20	Transplantation of tissue engineering neural network and formation of neuronal relay into the transected rat spinal cord. <i>Biomaterials</i> , 2016, 109, 40-54.	5.7	55
21	The circumventricular organs. <i>Histology and Histopathology</i> , 2017, 32, 879-892.	0.5	53
22	Recovery of paralyzed limb motor function in canine with complete spinal cord injury following implantation of MSC-derived neural network tissue. <i>Biomaterials</i> , 2018, 181, 15-34.	5.7	51
23	Recent progress in therapeutic strategies for microglia-mediated neuroinflammation in neuropathologies. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 765-781.	1.5	47
24	Scutellarin as a Potential Therapeutic Agent for Microglia-Mediated Neuroinflammation in Cerebral Ischemia. <i>NeuroMolecular Medicine</i> , 2016, 18, 264-273.	1.8	46
25	Production of proinflammatory mediators in activated microglia is synergistically regulated by Notch-1, glycogen synthase kinase (GSK-3 β) and NF- κ B/p65 signalling. <i>PLoS ONE</i> , 2017, 12, e0186764.	1.1	44
26	Autocrine fibronectin from differentiating mesenchymal stem cells induces the neurite elongation <i>in vitro</i> and promotes nerve fiber regeneration in transected spinal cord injury. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1902-1911.	2.1	41
27	Donor mesenchymal stem cell-derived neural-like cells transdifferentiate into myelin-forming cells and promote axon regeneration in rat spinal cord transection. <i>Stem Cell Research and Therapy</i> , 2015, 6, 105.	2.4	38
28	Neurotrophin β released from implant of tissue-engineered fibroin scaffolds inhibits inflammation, enhances nerve fiber regeneration, and improves motor function in canine spinal cord injury. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2158-2170.	2.1	37
29	Scutellarin regulates microglia-mediated TNC1 astrocytic reaction and astrogliosis in cerebral ischemia in the adult rats. <i>BMC Neuroscience</i> , 2015, 16, 84.	0.8	36
30	Role of sphingomyelinases in neurological disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1725-1742.	1.5	35
31	Perineurium-like sheath derived from long-term surviving mesenchymal stem cells confers nerve protection to the injured spinal cord. <i>Biomaterials</i> , 2018, 160, 37-55.	5.7	35
32	Colocalization of nitric oxide synthase and some neurotransmitters in the intramural ganglia of the guinea pig urinary bladder. <i>Journal of Comparative Neurology</i> , 1998, 394, 496-505.	0.9	34
33	Combination of Electroacupuncture and Grafted Mesenchymal Stem Cells Overexpressing TrkC Improves Remyelination and Function in Demyelinated Spinal Cord of Rats. <i>Scientific Reports</i> , 2015, 5, 9133.	1.6	34
34	Animal Venom Peptides as a Treasure Trove for New Therapeutics Against Neurodegenerative Disorders. <i>Current Medicinal Chemistry</i> , 2019, 26, 4749-4774.	1.2	33
35	An electron microscopic study of the nodose (inferior vagal) ganglion cells in the monkey. <i>Journal of Neurocytology</i> , 1988, 17, 845-857.	1.6	32
36	A comparative Mac-1 immunocytochemical and lectin histochemical study of microglial cells in the normal and athymic mice. <i>Glia</i> , 1994, 12, 44-51.	2.5	28

#	ARTICLE	IF	CITATIONS
37	Scutellarin promotes microglia-mediated astrogliosis coupled with improved behavioral function in cerebral ischemia. <i>Neurochemistry International</i> , 2016, 97, 154-171.	1.9	28
38	Tail Nerve Electrical Stimulation and Electro-Acupuncture Can Protect Spinal Motor Neurons and Alleviate Muscle Atrophy after Spinal Cord Transection in Rats. <i>Neural Plasticity</i> , 2017, 2017, 1-11.	1.0	28
39	Melatonin Suppresses Toll Like Receptor 4-Dependent Caspase-3 Signaling Activation Coupled with Reduced Production of Proinflammatory Mediators in Hypoxic Microglia. <i>PLoS ONE</i> , 2016, 11, e0166010.	1.1	25
40	Sensory nerve endings in monkey hip joint capsule: A morphological investigation. , 1998, 11, 81-85.		23
41	Scutellarin Attenuates Microglia-Mediated Neuroinflammation and Promotes Astrogliosis in Cerebral Ischemia - A Therapeutic Consideration. <i>Current Medicinal Chemistry</i> , 2017, 24, 718-727.	1.2	23
42	Ultrastructural localization of acetylcholinesterase and choline acetyltransferase in oligodendrocytes, glioblasts and vascular endothelial cells in the external cuneate nucleus of the gerbil. <i>Anatomy and Embryology</i> , 1996, 194, 177-85.	1.5	21
43	Herbal Compounds with Special Reference to Gastrodin as Potential Therapeutic Agents for Microglia Mediated Neuroinflammation. <i>Current Medicinal Chemistry</i> , 2019, 25, 5958-5974.	1.2	20
44	Notch Signaling in the Central Nervous System with Special Reference to its Expression in Microglia. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 807-814.	0.8	20
45	Response of amoeboid microglia/brain macrophages in fetal rat brain exposed to a teratogen. <i>Journal of Neuroscience Research</i> , 2001, 64, 79-93.	1.3	19
46	Expression of 2 β -cyclic nucleotide 3 β -phosphodiesterase (CNPase) and its roles in activated microglia in vivo and in vitro. <i>Journal of Neuroinflammation</i> , 2014, 11, 148.	3.1	19
47	Cholera Toxin B Subunit Shows Transneuronal Tracing after Injection in an Injured Sciatic Nerve. <i>PLoS ONE</i> , 2015, 10, e0144030.	1.1	19
48	Hypoxia inducible factor-1 β mediates iron uptake which induces inflammatory response in amoeboid microglial cells in developing periventricular white matter through MAP kinase pathway. <i>Neuropharmacology</i> , 2014, 77, 428-440.	2.0	18
49	Hypoxia-Induced Iron Accumulation in Oligodendrocytes Mediates Apoptosis by Eliciting Endoplasmic Reticulum Stress. <i>Molecular Neurobiology</i> , 2016, 53, 4713-4727.	1.9	18
50	Hypoxia and myelination deficits in the developing brain. <i>International Journal of Developmental Neuroscience</i> , 2018, 70, 3-11.	0.7	18
51	Runx1t1 (Runt-Related Transcription Factor 1; Translocated to, 1) Epigenetically Regulates the Proliferation and Nitric Oxide Production of Microglia. <i>PLoS ONE</i> , 2014, 9, e89326.	1.1	18
52	Microglial SMAD4 regulated by microRNA-146a promotes migration of microglia which support tumor progression in a glioma environment. <i>Oncotarget</i> , 2018, 9, 24950-24969.	0.8	17
53	Heterogeneity of Microglia Phenotypes: Developmental, Functional and Some Therapeutic Considerations. <i>Current Pharmaceutical Design</i> , 2019, 25, 2375-2393.	0.9	16
54	Neuronal nitric oxide synthase in the neural pathways of the urinary bladder. <i>Journal of Anatomy</i> , 1999, 194, 481-496.	0.9	15

#	ARTICLE	IF	CITATIONS
55	NADPH-diaphorase activity in the nodose ganglion of normal and vagotomized guinea-pigs. <i>Cell and Tissue Research</i> , 1996, 285, 141-147.	1.5	14
56	Immunomodulatory Mechanism and Potential Therapies for Perinatal Hypoxic-Ischemic Brain Damage. <i>Frontiers in Pharmacology</i> , 2020, 11, 580428.	1.6	14
57	Labelling of retinal microglial cells following an intravenous injection of a fluorescent dye into rats of different ages. <i>Journal of Anatomy</i> , 2000, 196, 173-179.	0.9	13
58	Transient expression of endothelins in the amoeboid microglial cells in the developing rat brain. <i>Glia</i> , 2006, 54, 513-525.	2.5	13
59	2 β , 3 β -cyclic nucleotide 3 β -phosphodiesterase cells derived from transplanted marrow stromal cells and host tissue contribute to perineurial compartment formation in injured rat spinal cord. <i>Journal of Neuroscience Research</i> , 2007, 85, 116-130.	1.3	11
60	Expression of cyclooxygenase α 2 and microsomal prostaglandin α E synthase in amoeboid microglial cells in the developing brain and effects of cyclooxygenase α 2 neutralization on BV α 2 microglial cells. <i>Journal of Neuroscience Research</i> , 2010, 88, 1577-1594.	1.3	11
61	Effects of Electroacupuncture and the Retinoid X Receptor (R α r) Signalling Pathway on Oligodendrocyte Differentiation in the Demyelinated Spinal Cord of Rats. <i>Acupuncture in Medicine</i> , 2017, 35, 122-132.	0.4	11
62	Therapeutic implications of melatonin in cerebral edema. <i>Histology and Histopathology</i> , 2014, 29, 1525-38.	0.5	8
63	A qualitative and quantitative study of the glial cells in normal and athymic mice. <i>Glia</i> , 1995, 15, 11-21.	2.5	7
64	Ultrastructural study of external cuneothalamic neurons and their synaptic relationships with primary afferents in the gerbil. <i>Journal of Comparative Neurology</i> , 1996, 366, 406-415.	0.9	7
65	Microglia mediated neuroinflammation - signaling regulation and therapeutic considerations with special reference to some natural compounds. <i>Histology and Histopathology</i> , 2020, 35, 1229-1250.	0.5	7
66	Transitory cystic cavities in the developing mammalian brain – normal or anomalous?. <i>Journal of Anatomy</i> , 2017, 230, 197-202.	0.9	6
67	Vagus Nerve and Spinal Cord Projecting Neurons Demonstrated By Horseradish Peroxidase and Different Fluorescent Dyes. <i>International Journal of Neuroscience</i> , 1991, 57, 61-72.	0.8	2
68	The Pineal Gland and Beneficial Effects of Melatonin. <i>Recent Patents on Endocrine, Metabolic & Immune Drug Discovery</i> , 2007, 1, 136-141.	0.7	0
69	Neuronanomedicine - (Part II). <i>Current Medicinal Chemistry</i> , 2014, , .	1.2	0