Yung-Feng Liao

List of Publications by Year
in descending order

45 papers	4,311 citations	361388 20 h-index	276858 41 g-index
47 all docs	47 docs citations	47 times ranked	11249 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Tumor Necrosis Factor-Î±, Interleukin-1Î², and Interferon-Î³ Stimulate Î³-Secretase-mediated Cleavage of Amyloid Precursor Protein through a JNK-dependent MAPK Pathway. Journal of Biological Chemistry, 2004, 279, 49523-49532.	3.4	320
3	Autophagy: A double-edged sword in Alzheimerâ€™s disease. Journal of Biosciences, 2012, 37, 157-165.	1.1	83
4	ErbB2 regulates autophagic flux to modulate the proteostasis of APP-CTFs in Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3129-E3138.	7.1	57
5	Tumor Necrosis Factor-Î±â€“elicited Stimulation of Î³-Secretase Is Mediated by c-Jun N-terminal Kinase-dependent Phosphorylation of Presenilin and Nicastrin. Molecular Biology of the Cell, 2008, 19, 4201-4212.	2.1	53
6	JARID1B Expression Plays a Critical Role in Chemoresistance and Stem Cell-Like Phenotype of Neuroblastoma Cells. PLoS ONE, 2015, 10, e0125343.	2.5	52
7	Notch1 Expression Predicts an Unfavorable Prognosis and Serves as a Therapeutic Target of Patients with Neuroblastoma. Clinical Cancer Research, 2010, 16, 4411-4420.	7.0	42
8	The Evolutionarily Conserved Interaction Between LC3 and p62 Selectively Mediates Autophagy-Dependent Degradation of Mutant Huntingtin. Cellular and Molecular Neurobiology, 2010, 30, 795-806.	3.3	39
9	Sodium selenite inhibits Î³-secretase activity through activation of ERK. Neuroscience Letters, 2008, 440, 38-43.	2.1	33
10	Activation of Aryl Hydrocarbon Receptor by Kynurenine Impairs Progression and Metastasis of Neuroblastoma. Cancer Research, 2019, 79, 5550-5562.	0.9	31
11	A High-Throughput Screen to Identify Inhibitors of Amyloid Î²-Protein Precursor Processing. Journal of Biomolecular Screening, 2005, 10, 1-12.	2.6	30
12	Identification of GRP75 as an Independent Favorable Prognostic Marker of Neuroblastoma by a Proteomics Analysis. Clinical Cancer Research, 2008, 14, 6237-6245.	7.0	29
13	Retinoic Acid-Elicited RARÎ±/RXRÎ± Signaling Attenuates AÎ² Production by Directly Inhibiting Î³-Secretase-Mediated Cleavage of Amyloid Precursor Protein. ACS Chemical Neuroscience, 2013, 4, 1093-1100.	3.5	28
14	Caveolin-1 Regulates Î³-Secretase-Mediated AÎ²PP Processing by Modulating Spatial Distribution of Î³-Secretase in Membrane. Journal of Alzheimer's Disease, 2010, 22, 423-442.	2.6	27
15	Aryl Hydrocarbon Receptor Downregulates MYCN Expression and Promotes Cell Differentiation of Neuroblastoma. PLoS ONE, 2014, 9, e88795.	2.5	27
16	Diagnostic FDG and FDOPA positron emission tomography scans distinguish the genomic type and treatment outcome of neuroblastoma. Oncotarget, 2016, 7, 18774-18786.	1.8	27
17	Nuclear GRP75 Binds Retinoic Acid Receptors to Promote Neuronal Differentiation of Neuroblastoma. PLoS ONE, 2011, 6, e26236.	2.5	26
18	Calreticulin activates Î²1 integrin via fucosylation by fucosyltransferase 1 in J82 human bladder cancer cells. Biochemical Journal, 2014, 460, 69-80.	3.7	24

#	Article	IF	Citations
19	Novel Endogenous Ligands of Aryl Hydrocarbon Receptor Mediate Neural Development and Differentiation of Neuroblastoma. ACS Chemical Neuroscience, 2019, 10, 4031-4042.	3.5	24
20	Unnatural Amino Acid-Substituted (Hydroxyethyl)urea Peptidomimetics Inhibit Î³-Secretase and Promote the Neuronal Differentiation of Neuroblastoma Cells. Molecular Pharmacology, 2007, 71, 588-601.	2.3	23
21	Multiple signaling factors and drugs alleviate neuronal death induced by expression of human and zebrafish tau proteins in vivo. Journal of Biomedical Science, 2016, 23, 25.	7.0	20
22	Critical Roles of Dual-Specificity Phosphatases in Neuronal Proteostasis and Neurological Diseases. International Journal of Molecular Sciences, 2017, 18, 1963.	4.1	20
23	A multidisciplinary team care approach improves outcomes in high-risk pediatric neuroblastoma patients. Oncotarget, 2017, 8, 4360-4372.	1.8	19
24	Piwi reduction in the aged niche eliminates germline stem cells via Toll-GSK3 signaling. Nature Communications, 2020, 11, 3147.	12.8	18
25	New 1,2,3,4-tetrahydroisoquinoline derivatives as modulators of proteolytic cleavage of amyloid precursor proteins. Bioorganic and Medicinal Chemistry, 2008, 16, 1957-1965.	3.0	16
26	Calreticulin Mediates Nerve Growth Factor-Induced Neuronal Differentiation. Journal of Molecular Neuroscience, 2012, 47, 571-581.	2.3	16
27	MicroRNA-21 Plays Multiple Oncometabolic Roles in Colitis-Associated Carcinoma and Colorectal Cancer via the PI3K/AKT, STAT3, and PDCD4/TNF-Î± Signaling Pathways in Zebrafish. Cancers, 2021, 13, 5565.	3.7	16
28	Calreticulin Regulates VEGF-A in Neuroblastoma Cells. Molecular Neurobiology, 2015, 52, 758-770.	4.0	14
29	Presenilin-1 Regulates the Expression of p62 to Govern p62-dependent Tau Degradation. Molecular Neurobiology, 2014, 49, 10-27.	4.0	11
30	New Hydroxyquinolineâ€Based Derivatives as Potent Modulators of Amyloidâ€Î²2 Aggregations. Archiv Der Pharmazie, 2016, 349, 327-341.	4.1	10
31	Epicatechin isolated from Tripterygium wilfordii extract reduces tau-GFP-induced neurotoxicity in zebrafish embryo through the activation of Nrf2. Biochemical and Biophysical Research Communications, 2016, 477, 283-289.	2.1	9
32	Ligand-Dependent Activation of EphA4 Signaling Regulates the Proteolysis of Amyloid Precursor Protein Through a Lyn-Mediated Pathway. Molecular Neurobiology, 2014, 49, 1055-1068.	4.0	8
33	Equilibrative nucleoside transporter 1 inhibition rescues energy dysfunction and pathology in a model of tauopathy. Acta Neuropathologica Communications, 2021, 9, 112.	5.2	8
34	Calreticulin regulates MYCN expression to control neuronal differentiation and stemness of neuroblastoma. Journal of Molecular Medicine, 2019, 97, 325-339.	3.9	7
35	The Nogo-C2/Nogo Receptor Complex Regulates the Morphogenesis of Zebrafish Lateral Line Primordium through Modulating the Expression of dkk1b, a Wnt Signal Inhibitor. PLoS ONE, 2014, 9, e86345.	2.5	7
36	VEGF expression correlates with neuronal differentiation and predicts a favorable prognosis in patients with neuroblastoma. Scientific Reports, 2017, 7, 11212.	3.3	6

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37	Discovery of small molecular (d)-leucinamides as potent, Notch-sparing Î³-secretase modulators. European Journal of Medicinal Chemistry, 2014, 79, 143-151.	5.5	4
38	Difluorophenylglycinols as New Modulators of Proteolytic Processing of Amyloid Precursor Proteins. Archiv Der Pharmazie, 2014, 347, 161-173.	4.1	1
39	Quantitative Measurement of γ-Secretase-mediated Amyloid Precursor Protein and Notch Cleavage in Cell-based Luciferase Reporter Assay Platforms. Journal of Visualized Experiments, 2018, , .	0.3	1
40	Phosphatidylinositolâ€4â€phosphate 5â€kinase type 1Î± attenuates AÎ² production by promoting nonâ€amyloidogenic processing of amyloid precursor protein. FASEB Journal, 2020, 34, 12127-12146.	0.5	1
41	Dual-Specificity Phosphatase 15 (DUSP15) Modulates Notch Signaling by Enhancing the Stability of Notch Protein. Molecular Neurobiology, 2021, 58, 2204-2214.	4.0	1
42	Corrigendum to â€œSilencing of miR-124 induces neuroblastoma SK-N-SH cell differentiation, cell cycle arrest and apoptosis through promoting AHRâ€•[FEBS Lett. 585 (2011) 3582-3586]. FEBS Letters, 2012, 586, 107-107.	2.8	0
43	P1-084: LIGAND-ACTIVATED EPHA4 SIGNALING GOVERNS THE PROTEOSTASIS OF APP-BETA CTF TO CONTROL THE LEVEL OF AMYLOID-BETA. , 2014, 10, P333-P333.		0
44	[P2â€“135]: AN HERBAL EXTRACT (HE238) SUPPRESSES AMYLOIDâ€Î²42â€ELICITED NEUROTOXICITY IN MICE THROUGH ACTIVATION OF AUTOPHAGY. Alzheimer's and Dementia, 2017, 13, P658.	0.8	0
45	Nuclear localized GRP75 binds to retinoic acid receptors (RAR/RXR) and promotes retinoic acidâ€induced neuronal differentiation of neuroblastoma. FASEB Journal, 2011, 25, 1001.12.	0.5	0