

# Yung-Feng Liao

## List of Publications by Year in descending order

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45  
papers

4,311  
citations

361413

20  
h-index

276875

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

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19	Novel Endogenous Ligands of Aryl Hydrocarbon Receptor Mediate Neural Development and Differentiation of Neuroblastoma. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4031-4042.	3.5	24
20	Unnatural Amino Acid-Substituted (Hydroxyethyl)urea Peptidomimetics Inhibit $\beta$ -Secretase and Promote the Neuronal Differentiation of Neuroblastoma Cells. <i>Molecular Pharmacology</i> , 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. <i>Journal of Biomedical Science</i> , 2016, 23, 25.	7.0	20
22	Critical Roles of Dual-Specificity Phosphatases in Neuronal Proteostasis and Neurological Diseases. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1963.	4.1	20
23	A multidisciplinary team care approach improves outcomes in high-risk pediatric neuroblastoma patients. <i>Oncotarget</i> , 2017, 8, 4360-4372.	1.8	19
24	Piwi reduction in the aged niche eliminates germline stem cells via Toll-GSK3 signaling. <i>Nature Communications</i> , 2020, 11, 3147.	12.8	18
25	New 1,2,3,4-tetrahydroisoquinoline derivatives as modulators of proteolytic cleavage of amyloid precursor proteins. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 1957-1965.	3.0	16
26	Calreticulin Mediates Nerve Growth Factor-Induced Neuronal Differentiation. <i>Journal of Molecular Neuroscience</i> , 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- $\alpha$ Signaling Pathways in Zebrafish. <i>Cancers</i> , 2021, 13, 5565.	3.7	16
28	Calreticulin Regulates VEGF-A in Neuroblastoma Cells. <i>Molecular Neurobiology</i> , 2015, 52, 758-770.	4.0	14
29	Presenilin-1 Regulates the Expression of p62 to Govern p62-dependent Tau Degradation. <i>Molecular Neurobiology</i> , 2014, 49, 10-27.	4.0	11
30	New Hydroxyquinoline-Based Derivatives as Potent Modulators of Amyloid $\beta$ Aggregations. <i>Archiv Der Pharmazie</i> , 2016, 349, 327-341.	4.1	10
31	Epicatechin isolated from <i>Tripterygium wilfordii</i> extract reduces tau-GFP-induced neurotoxicity in zebrafish embryo through the activation of Nrf2. <i>Biochemical and Biophysical Research Communications</i> , 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. <i>Molecular Neurobiology</i> , 2014, 49, 1055-1068.	4.0	8
33	Equilibrative nucleoside transporter 1 inhibition rescues energy dysfunction and pathology in a model of tauopathy. <i>Acta Neuropathologica Communications</i> , 2021, 9, 112.	5.2	8
34	Calreticulin regulates MYCN expression to control neuronal differentiation and stemness of neuroblastoma. <i>Journal of Molecular Medicine</i> , 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 <i>dkk1b</i> , a Wnt Signal Inhibitor. <i>PLoS ONE</i> , 2014, 9, e86345.	2.5	7
36	VEGF expression correlates with neuronal differentiation and predicts a favorable prognosis in patients with neuroblastoma. <i>Scientific Reports</i> , 2017, 7, 11212.	3.3	6

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37	Discovery of small molecular (d)-leucinamides as potent, Notch-sparing $\beta$ -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 $\beta$ -Secretase-mediated Amyloid Precursor Protein and Notch Cleavage in Cell-based Luciferase Reporter Assay Platforms. Journal of Visualized Experiments, 2018, , .	0.3	1
40	Phosphatidylinositol 4-phosphate 5-kinase type 1 $\alpha$ attenuates $A\beta$ production by promoting non-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 "Silencing of miR-124 induces neuroblastoma SK-N-SH cell differentiation, cell cycle arrest and apoptosis through promoting AHR" [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	[P2-135]: AN HERBAL EXTRACT (HE238) SUPPRESSES AMYLOID $\beta$ -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 acid-induced neuronal differentiation of neuroblastoma. FASEB Journal, 2011, 25, 1001.12.	0.5	0