

# Jia-Hong Lu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2944160/jia-hong-lu-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115  
papers

7,074  
citations

33  
h-index

83  
g-index

122  
ext. papers

9,285  
ext. citations

7.2  
avg, IF

5.39  
L-index

#	Paper	IF	Citations
115	Amelioration of Alzheimer $\beta$ disease pathology by mitophagy inducers identified via machine learning and a cross-species workflow.. <i>Nature Biomedical Engineering</i> , <b>2022</b> , 6, 76-93	19	14
114	Can We Use Extract to Treat Alzheimer $\beta$ Disease? Lessons from Preclinical and Clinical Studies.. <i>Cells</i> , <b>2022</b> , 11,	7.9	2
113	Enhancing autophagy maturation with CCZ1-MON1A complex alleviates neuropathology and memory defects in Alzheimer disease models.. <i>Theranostics</i> , <b>2022</b> , 12, 1738-1755	12.1	1
112	A synergized machine learning plus cross-species wet-lab validation approach identifies neuronal mitophagy inducers inhibiting Alzheimer disease.. <i>Autophagy</i> , <b>2022</b> , 1-3	10.2	0
111	Adenine base-editing-mediated exon skipping induces gene knockout in cultured pig cells.. <i>Biotechnology Letters</i> , <b>2022</b> , 1	3	0
110	c-MYC-mediated TRIB3/P62 aggresomes accumulation triggers paraptosis upon the combination of everolimus and ginsenoside Rh2.. <i>Acta Pharmaceutica Sinica B</i> , <b>2022</b> , 12, 1240-1253	15.5	0
109	Emerging roles of NRBF2/PI3KC3 axis in maintaining homeostasis of brain and guts. <i>Neural Regeneration Research</i> , <b>2022</b> , 17, 323-324	4.5	
108	Toosendanin, a novel potent vacuolar-type H-translocating ATPase inhibitor, sensitizes cancer cells to chemotherapy by blocking protective autophagy.. <i>International Journal of Biological Sciences</i> , <b>2022</b> , 18, 2684-2702	11.2	1
107	Corynoxine B derivative CB6 prevents Parkinsonian toxicity in mice by inducing PIK3C3 complex-dependent autophagy.. <i>Acta Pharmacologica Sinica</i> , <b>2022</b> ,	8	2
106	Theranostic F-SLOH mitigates Alzheimer $\beta$ disease pathology involving TFEB and ameliorates cognitive functions in Alzheimer $\beta$ disease models.. <i>Redox Biology</i> , <b>2022</b> , 51, 102280	11.3	2
105	Toosendanin, a late-stage autophagy inhibitor, sensitizes triple-negative breast cancer to irinotecan chemotherapy.. <i>Chinese Medicine</i> , <b>2022</b> , 17, 55	4.7	4
104	Emangostin derivative 4e as a PDE4 inhibitor promote proteasomal degradation of alpha-synuclein in Parkinson $\beta$ disease models through PKA activation.. <i>Phytomedicine</i> , <b>2022</b> , 101, 154125	6.5	0
103	Protopine promotes the proteasomal degradation of pathological tau in Alzheimer $\beta$ disease models via HDAC6 inhibition.. <i>Phytomedicine</i> , <b>2021</b> , 96, 153887	6.5	4
102	Ferulic Acid in Animal Models of Alzheimer $\beta$ Disease: A Systematic Review of Preclinical Studies. <i>Cells</i> , <b>2021</b> , 10,	7.9	3
101	Selective autophagy of AKAP11 activates cAMP/PKA to fuel mitochondrial metabolism and tumor cell growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	5
100	Pharmacological insights into autophagy modulation in autoimmune diseases.. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 3364-3378	15.5	2
99	Corynoxine Protects Dopaminergic Neurons Through Inducing Autophagy and Diminishing Neuroinflammation in Rotenone-Induced Animal Models of Parkinson $\beta$ Disease. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 642900	5.6	10

98	Natural Alkaloid Compounds as Inhibitors for Alpha-Synuclein Seeded Fibril Formation and Toxicity. <i>Molecules</i> , <b>2021</b> , 26,	4.8	5
97	Application of the modified cytosine base-editing in the cultured cells of bama minipig. <i>Biotechnology Letters</i> , <b>2021</b> , 43, 1699-1714	3	1
96	Lycorine, a natural alkaloid, promotes the degradation of alpha-synuclein via PKA-mediated UPS activation in transgenic Parkinson's disease models. <i>Phytomedicine</i> , <b>2021</b> , 87, 153578	6.5	4
95	PI3KC3 complex subunit NRB2 is required for apoptotic cell clearance to restrict intestinal inflammation. <i>Autophagy</i> , <b>2021</b> , 17, 1096-1111	10.2	16
94	An integrative multi-omics approach uncovers the regulatory role of CDK7 and CDK4 in autophagy activation induced by silica nanoparticles. <i>Autophagy</i> , <b>2021</b> , 17, 1426-1447	10.2	8
93	NRB2 is a RAB7 effector required for autophagosome maturation and mediates the association of APP-CTFs with active form of RAB7 for degradation. <i>Autophagy</i> , <b>2021</b> , 17, 1112-1130	10.2	11
92	Selective autophagy of intracellular organelles: recent research advances. <i>Theranostics</i> , <b>2021</b> , 11, 222-256.	10.1	45
91	Traditional Chinese medicine compounds regulate autophagy for treating neurodegenerative disease: A mechanism review. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 133, 110968	7.5	13
90	Lysosomal TPCN (two pore segment channel) inhibition ameliorates beta-amyloid pathology and mitigates memory impairment in Alzheimer disease. <i>Autophagy</i> , <b>2021</b> , 1-19	10.2	7
89	TFEB, a master regulator of autophagy and biogenesis, unexpectedly promotes apoptosis in response to the cyclopentenone prostaglandin 15d-PGJ2. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> ,	8	2
88	Oxyphylla A ameliorates cognitive deficits and alleviates neuropathology via the Akt-GSK3 $\beta$ and Nrf2-Keap1-HO-1 pathways in and in murine models of Alzheimer's disease.. <i>Journal of Advanced Research</i> , <b>2021</b> , 34, 1-12	13	3
87	Danlou Tablets Inhibit Atherosclerosis in Apolipoprotein E-Deficient Mice by Inducing Macrophage Autophagy: The Role of the PI3K-Akt-mTOR Pathway. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 724670	5.6	2
86	The effect and underlying mechanisms of garlic extract against cognitive impairment and Alzheimer's disease: A systematic review and meta-analysis of experimental animal studies. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 280, 114423	5	2
85	Comprehensive Perspectives on Experimental Models for Parkinson's Disease <b>2021</b> , 12, 223-246		2
84	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , <b>2021</b> , 17, 1-382	10.2	440
83	Autophagy deficiency in neurodevelopmental disorders.. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 214	9.8	3
82	Pharmacological modulation of autophagy for Alzheimer's disease therapy: Opportunities and obstacles. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> ,	15.5	1
81	Inhibition of alpha-synuclein seeded fibril formation and toxicity by herbal medicinal extracts. <i>BMC Complementary Medicine and Therapies</i> , <b>2020</b> , 20, 73	2.9	12

80	Targeting Aggrephagy for the Treatment of Alzheimer's Disease. <i>Cells</i> , <b>2020</b> , 9,	7.9	13
79	A Curcumin Derivative Activates TFEB and Protects Against Parkinsonian Neurotoxicity. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	20
78	Azoramide protects iPSC-derived dopaminergic neurons with PLA2G6 D331Y mutation through restoring ER function and CREB signaling. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 130	9.8	7
77	Pharmacological enhancement of TFEB-mediated autophagy alleviated neuronal death in oxidative stress-induced Parkinson's disease models. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 128	9.8	35
76	Quercetin in Animal Models of Alzheimer's Disease: A Systematic Review of Preclinical Studies. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	31
75	Fish oil protects the blood-brain barrier integrity in a mouse model of Alzheimer's disease. <i>Chinese Medicine</i> , <b>2020</b> , 15, 29	4.7	5
74	Oxyphylla A Promotes Degradation of $\beta$ -Synuclein for Neuroprotection Activation of Immunoproteasome <b>2020</b> , 11, 559-574		8
73	Autophagy and Parkinson's Disease. <i>Advances in Experimental Medicine and Biology</i> , <b>2020</b> , 1207, 21-51	3.6	24
72	Autophagy modulator scoring system: a user-friendly tool for quantitative analysis of methodological integrity of chemical autophagy modulator studies. <i>Autophagy</i> , <b>2020</b> , 16, 195-202	10.2	9
71	A small molecule transcription factor EB activator ameliorates beta-amyloid precursor protein and Tau pathology in Alzheimer's disease models. <i>Aging Cell</i> , <b>2020</b> , 19, e13069	9.9	52
70	Yuan-Hu Zhi Tong Prescription Mitigates Tau Pathology and Alleviates Memory Deficiency in the Preclinical Models of Alzheimer's Disease. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 584770	5.6	12
69	The pharmacological activity of epigallocatechin-3-gallate (EGCG) on Alzheimer's disease animal model: A systematic review. <i>Phytomedicine</i> , <b>2020</b> , 79, 153316	6.5	17
68	NeuroDefend, a novel Chinese medicine, attenuates amyloid- $\beta$ and tau pathology in experimental Alzheimer's disease models. <i>Journal of Food and Drug Analysis</i> , <b>2020</b> , 28, 132-146	7	13
67	Experimental alcoholism primes structural and functional impairment of the glymphatic pathway. <i>Brain, Behavior, and Immunity</i> , <b>2020</b> , 85, 106-119	16.6	7
66	Predictive Score for In-Hospital Mortality of Myasthenic Crisis: A Retrospective Chinese Cohort Study. <i>European Neurology</i> , <b>2019</b> , 81, 287-293	2.1	2
65	Predicting physical stability of solid dispersions by machine learning techniques. <i>Journal of Controlled Release</i> , <b>2019</b> , 311-312, 16-25	11.7	51
64	Experimental characterization and molecular dynamic simulation of ketoprofen-cyclodextrin complexes. <i>Chemical Physics Letters</i> , <b>2019</b> , 736, 136802	2.5	8
63	Identification of novel oligopeptides from the simulated digestion of sea cucumber ( <i>Stichopus japonicus</i> ) to alleviate A $\beta$ aggregation progression. <i>Journal of Functional Foods</i> , <b>2019</b> , 60, 103412	5.1	7

62	Neuroprotective effects of berberine in animal models of Alzheimer $\beta$ disease: a systematic review of pre-clinical studies. <i>BMC Complementary and Alternative Medicine</i> , <b>2019</b> , 19, 109	4.7	44
61	Targeting ATG4 in Cancer Therapy. <i>Cancers</i> , <b>2019</b> , 11,	6.6	20
60	Pharmacological activities of dihydrotanshinone I, a natural product from <i>Salvia miltiorrhiza</i> Bunge. <i>Pharmacological Research</i> , <b>2019</b> , 145, 104254	10.2	26
59	High content screening for drug discovery from traditional Chinese medicine. <i>Chinese Medicine</i> , <b>2019</b> , 14, 5	4.7	12
58	Natural alkaloid harmine promotes degradation of alpha-synuclein via PKA-mediated ubiquitin-proteasome system activation. <i>Phytomedicine</i> , <b>2019</b> , 61, 152842	6.5	16
57	Insight into the Dissolution Molecular Mechanism of Ternary Solid Dispersions by Combined Experiments and Molecular Simulations. <i>AAPS PharmSciTech</i> , <b>2019</b> , 20, 274	3.9	6
56	Tetramethylpyrazine Analogue T-006 Promotes the Clearance of Alpha-synuclein by Enhancing Proteasome Activity in Parkinson $\beta$ Disease Models. <i>Neurotherapeutics</i> , <b>2019</b> , 16, 1225-1236	6.4	15
55	XIAOPI formula promotes breast cancer chemosensitivity via inhibiting CXCL1/HMGB1-mediated autophagy. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 120, 109519	7.5	7
54	iNOS Interacts with Autophagy Receptor p62 and is Degraded by Autophagy in Macrophages. <i>Cells</i> , <b>2019</b> , 8,	7.9	9
53	Resveratrol in experimental Alzheimer $\beta$ disease models: A systematic review of preclinical studies. <i>Pharmacological Research</i> , <b>2019</b> , 150, 104476	10.2	23
52	Hydroxyurea Facilitates Manifestation of Disease Relevant Phenotypes in Patients-Derived iPSCs-Based Modeling of Late-Onset Parkinson $\beta$ Disease <b>2019</b> , 10, 1037-1048		6
51	Autophagy and Macrophage Functions: Inflammatory Response and Phagocytosis. <i>Cells</i> , <b>2019</b> , 9,	7.9	55
50	Canthin-6-One Accelerates Alpha-Synuclein Degradation by Enhancing UPS Activity: Drug Target Identification by CRISPR-Cas9 Whole Genome-Wide Screening Technology. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 16	5.6	13
49	Balancing mTOR Signaling and Autophagy in the Treatment of Parkinson $\beta$ Disease. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	68
48	Autophagy protein NRB2 has reduced expression in Alzheimer $\beta$ brains and modulates memory and amyloid-beta homeostasis in mice. <i>Molecular Neurodegeneration</i> , <b>2019</b> , 14, 43	19	29
47	Research and development of anti-Parkinson $\beta$ drugs: an analysis from the perspective of technology flows measured by patent citations. <i>Expert Opinion on Therapeutic Patents</i> , <b>2019</b> , 29, 127-135	6.8	4
46	GNE myopathy in Chinese population: hotspot and novel mutations. <i>Journal of Human Genetics</i> , <b>2019</b> , 64, 11-16	4.3	12
45	ATP13A2 facilitates HDAC6 recruitment to lysosome to promote autophagosome-lysosome fusion. <i>Journal of Cell Biology</i> , <b>2019</b> , 218, 267-284	7.3	49

44	Neuroprotective effects of baicalein in animal models of Parkinson's disease: A systematic review of experimental studies. <i>Phytomedicine</i> , <b>2019</b> , 55, 302-309	6.5	19
43	Roles of Nitric Oxide Synthase Isoforms in Neurogenesis. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 2645-2652	6.2	27
42	Identification of a novel autophagic inhibitor cepharanthine to enhance the anti-cancer property of dacomitinib in non-small cell lung cancer. <i>Cancer Letters</i> , <b>2018</b> , 412, 1-9	9.9	23
41	Chemical characterization and immunomodulatory activity of acetylated polysaccharides from <i>Dendrobium devonianum</i> . <i>Carbohydrate Polymers</i> , <b>2018</b> , 180, 238-245	10.3	42
40	a review of chemical constituents and pharmacological activities. <i>Chinese Medicine</i> , <b>2018</b> , 13, 34	4.7	47
39	Selective autophagy: The new player in the fight against neurodegenerative diseases?. <i>Brain Research Bulletin</i> , <b>2018</b> , 137, 79-90	3.9	17
38	Presenilin 1 deficiency suppresses autophagy in human neural stem cells through reducing Secretase-independent ERK/CREB signaling. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 879	9.8	32
37	Baicalein Induces Beclin 1- and Extracellular Signal-Regulated Kinase-Dependent Autophagy in Ovarian Cancer Cells. <i>The American Journal of Chinese Medicine</i> , <b>2017</b> , 45, 123-136	6	23
36	Cystatin C as a potential therapeutic mediator against Parkinson's disease via VEGF-induced angiogenesis and enhanced neuronal autophagy in neurovascular units. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2854	9.8	69
35	Induction of reactive oxygen species-stimulated distinctive autophagy by chelerythrine in non-small cell lung cancer cells. <i>Redox Biology</i> , <b>2017</b> , 12, 367-376	11.3	35
34	NRBF2 is involved in the autophagic degradation process of APP-CTFs in Alzheimer disease models. <i>Autophagy</i> , <b>2017</b> , 13, 2028-2040	10.2	41
33	Phosphoproteome-based kinase activity profiling reveals the critical role of MAP2K2 and PLK1 in neuronal autophagy. <i>Autophagy</i> , <b>2017</b> , 13, 1969-1980	10.2	31
32	Baicalein prevents 6-OHDA/ascorbic acid-induced calcium-dependent dopaminergic neuronal cell death. <i>Scientific Reports</i> , <b>2017</b> , 7, 8398	4.9	9
31	Natural autophagy blockers, dauricine (DAC) and daurisoline (DAS), sensitize cancer cells to camptothecin-induced toxicity. <i>Oncotarget</i> , <b>2017</b> , 8, 77673-77684	3.3	24
30	BAG5 Interacts with DJ-1 and Inhibits the Neuroprotective Effects of DJ-1 to Combat Mitochondrial Oxidative Damage. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 5094934	6.7	16
29	A Randomized Controlled Trial of Chinese Medicine on Nonmotor Symptoms in Parkinson's Disease. <i>Parkinsons Disease</i> , <b>2017</b> , 2017, 1902708	2.6	2
28	Induction of C/EBP homologous protein-mediated apoptosis and autophagy by licochalcone A in non-small cell lung cancer cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 26241	4.9	38
27	Autophagy modulators from traditional Chinese medicine: Mechanisms and therapeutic potentials for cancer and neurodegenerative diseases. <i>Journal of Ethnopharmacology</i> , <b>2016</b> , 194, 861-876	5	53

26	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
25	Chinese Medicines in Neurological Diseases: Pharmacological Perspective <b>2016</b> , 147-185		
24	A novel curcumin analog binds to and activates TFEB in vitro and in vivo independent of mTOR inhibition. <i>Autophagy</i> , <b>2016</b> , 12, 1372-89	10.2	97
23	The efficacy and safety of the Chinese herbal medicine Di-Tan decoction for treating Alzheimer's disease: protocol for a randomized controlled trial. <i>Trials</i> , <b>2015</b> , 16, 199	2.8	9
22	Ginsenoside Rb1 inhibits fibrillation and toxicity of alpha-synuclein and disaggregates preformed fibrils. <i>Neurobiology of Disease</i> , <b>2015</b> , 74, 89-101	7.5	67
21	Tianma Gouteng Yin, a Traditional Chinese Medicine decoction, exerts neuroprotective effects in animal and cellular models of Parkinson's disease. <i>Scientific Reports</i> , <b>2015</b> , 5, 16862	4.9	36
20	Glycyrrhetic acid induces cytoprotective autophagy via the inositol-requiring enzyme 1 $\epsilon$ -Jun N-terminal kinase cascade in non-small cell lung cancer cells. <i>Oncotarget</i> , <b>2015</b> , 6, 43911-26	3.3	34
19	Corynoxine, a natural autophagy enhancer, promotes the clearance of alpha-synuclein via Akt/mTOR pathway. <i>Journal of NeuroImmune Pharmacology</i> , <b>2014</b> , 9, 380-7	6.9	64
18	NRBF2 regulates autophagy and prevents liver injury by modulating Atg14L-linked phosphatidylinositol-3 kinase III activity. <i>Nature Communications</i> , <b>2014</b> , 5, 3920	17.4	76
17	Novel mutations m.3959G>A and m.3995A>G in mitochondrial gene MT-ND1 associated with MELAS. <i>Mitochondrial DNA</i> , <b>2014</b> , 25, 56-62		11
16	Efficacy of classic Chinese medicine formula Ditan Decoction ( ) for Alzheimer's disease. <i>Chinese Journal of Integrative Medicine</i> , <b>2014</b> , 1	2.9	1
15	AAV-sBTLA facilitates HSP70 vaccine-triggered prophylactic antitumor immunity against a murine melanoma pulmonary metastasis model in vivo. <i>Cancer Letters</i> , <b>2014</b> , 354, 398-406	9.9	13
14	HMGB1 is involved in autophagy inhibition caused by SNCA/ $\beta$ synuclein overexpression: a process modulated by the natural autophagy inducer corynoxine B. <i>Autophagy</i> , <b>2014</b> , 10, 144-54	10.2	102
13	Autophagy in ageing and ageing-associated diseases. <i>Acta Pharmacologica Sinica</i> , <b>2013</b> , 34, 605-11	8	72
12	Isorhynchophylline, a natural alkaloid, promotes the degradation of alpha-synuclein in neuronal cells via inducing autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 98-108	10.2	125
11	Berberine ameliorates $\beta$ amyloid pathology, gliosis, and cognitive impairment in an Alzheimer's disease transgenic mouse model. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 2903-19	5.6	176
10	In vitro screening on amyloid precursor protein modulation of plants used in Ayurvedic and traditional Chinese medicine for memory improvement. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 141, 754-60		23
9	Systematic review on the efficacy and safety of herbal medicines for vascular dementia. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 426215	2.3	16



8	Stimulation of non-amyloidogenic processing of amyloid- $\beta$ protein precursor by cryptotanshinone involves activation and translocation of ADAM10 and PKC- $\zeta$ . <i>Journal of Alzheimers Disease</i> , <b>2011</b> , 25, 245-62	4.3	16
7	Baicalein inhibits formation of $\beta$ synuclein oligomers within living cells and prevents A $\beta$ peptide fibrillation and oligomerisation. <i>ChemBioChem</i> , <b>2011</b> , 12, 615-24	3.8	110
6	Treatment of idiopathic Parkinson's disease with traditional chinese herbal medicine: a randomized placebo-controlled pilot clinical study. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2011</b> , 2011, 724353	2.3	33
5	The effect of salvianolic acid B combined with laminar shear stress on TNF-alpha-stimulated adhesion molecule expression in human aortic endothelial cells. <i>Clinical Hemorheology and Microcirculation</i> , <b>2010</b> , 44, 245-58	2.5	13
4	Risk factors in development of motor complications in Chinese patients with idiopathic Parkinson's disease. <i>Journal of Clinical Neuroscience</i> , <b>2009</b> , 16, 1034-7	2.2	12
3	Neuroprotective effects of Astragaloside IV in 6-hydroxydopamine-treated primary nigral cell culture. <i>Neurochemistry International</i> , <b>2009</b> , 55, 414-22	4.4	78
2	Efficacy and safety of acupuncture for idiopathic Parkinson's disease: a systematic review. <i>Journal of Alternative and Complementary Medicine</i> , <b>2008</b> , 14, 663-71	2.4	54
1	Systematic review on the efficacy and safety of herbal medicines for Alzheimer's disease. <i>Journal of Alzheimers Disease</i> , <b>2008</b> , 14, 209-23	4.3	38