

Ling Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6819553/publications.pdf>

Version: 2024-02-01

107
papers

5,281
citations

94269

37
h-index

95083

68
g-index

114
all docs

114
docs citations

114
times ranked

7326
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of toll-like receptor signalling in A β uptake and clearance. <i>Brain</i> , 2006, 129, 3006-3019.	3.7	453
2	Intake of Sucrose-sweetened Water Induces Insulin Resistance and Exacerbates Memory Deficits and Amyloidosis in a Transgenic Mouse Model of Alzheimer Disease. <i>Journal of Biological Chemistry</i> , 2007, 282, 36275-36282.	1.6	289
3	Toll-like receptor 4-dependent upregulation of cytokines in a transgenic mouse model of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2008, 5, 23.	3.1	231
4	Propionate Ameliorates Dextran Sodium Sulfate-Induced Colitis by Improving Intestinal Barrier Function and Reducing Inflammation and Oxidative Stress. <i>Frontiers in Pharmacology</i> , 2016, 7, 253.	1.6	210
5	Overexpression of Human Apolipoprotein A-I Preserves Cognitive Function and Attenuates Neuroinflammation and Cerebral Amyloid Angiopathy in a Mouse Model of Alzheimer Disease. <i>Journal of Biological Chemistry</i> , 2010, 285, 36958-36968.	1.6	170
6	Nanoscaled red blood cells facilitate breast cancer treatment by combining photothermal/photodynamic therapy and chemotherapy. <i>Biomaterials</i> , 2018, 155, 25-40.	5.7	161
7	Cholesterol as a causative factor in Alzheimer's disease: a debatable hypothesis. <i>Journal of Neurochemistry</i> , 2014, 129, 559-572.	2.1	155
8	Simvastatin enhances learning and memory independent of amyloid load in mice. <i>Annals of Neurology</i> , 2006, 60, 729-739.	2.8	138
9	Lipoprotein-like Particles and Cholesteryl Esters in Human Brushboard Membrane: Initial Characterization. <i>Journal of Lipid Research</i> , 2005, 46, 2576.		137
10	Association of Aortic Atherosclerosis with Cerebral β -Amyloidosis and Learning Deficits in a Mouse Model of Alzheimer's Disease. <i>American Journal of Pathology</i> , 2003, 163, 2155-2164.	1.9	125
11	Intestinal Absorption of Dietary Cholesteryl Ester Is Decreased but Retinyl Ester Absorption Is Normal in Carboxyl Ester Lipase Knockout Mice. <i>Biochemistry</i> , 1999, 38, 4143-4149.	1.2	121
12	HDL and cognition in neurodegenerative disorders. <i>Neurobiology of Disease</i> , 2014, 72, 22-36.	2.1	118
13	Oral apolipoprotein A-I mimetic peptide improves cognitive function and reduces amyloid burden in a mouse model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2009, 34, 525-534.	2.1	117
14	Structure and function of apolipoprotein A-I and high-density lipoprotein. <i>Current Opinion in Lipidology</i> , 2000, 11, 105-115.	1.2	110
15	A Mass Spectrometric Determination of the Conformation of Dimeric Apolipoprotein A-I in Discoidal High Density Lipoproteins. <i>Biochemistry</i> , 2005, 44, 8600-8607.	1.2	103
16	Isoprenoids and protein prenylation: implications in the pathogenesis and therapeutic intervention of Alzheimer's disease. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2018, 53, 279-310.	2.3	95
17	Novel Changes in Discoidal High Density Lipoprotein Morphology: A Molecular Dynamics Study. <i>Biophysical Journal</i> , 2006, 90, 4345-4360.	0.2	89
18	Mechanism of cholesterol reduction to coprostanol by <i>Eubacterium coprostanoligenes</i> ATCC 51222. <i>Steroids</i> , 1996, 61, 33-40.	0.8	86

#	ARTICLE	IF	CITATIONS
19	Lack of LDL receptor aggravates learning deficits and amyloid deposits in Alzheimer transgenic mice. <i>Neurobiology of Aging</i> , 2006, 27, 1632-1643.	1.5	86
20	Amyloid- β Deposition in Skeletal Muscle of Transgenic Mice. <i>American Journal of Pathology</i> , 1998, 153, 1687-1693.	1.9	80
21	Double Belt Structure of Discoidal High Density Lipoproteins: Molecular Basis for Size Heterogeneity. <i>Journal of Molecular Biology</i> , 2004, 343, 1293-1311.	2.0	80
22	Structure of Spheroidal HDL Particles Revealed by Combined Atomistic and Coarse-Grained Simulations. <i>Biophysical Journal</i> , 2008, 94, 2306-2319.	0.2	80
23	Berberine alleviates dextran sodium sulfate-induced colitis by improving intestinal barrier function and reducing inflammation and oxidative stress. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 3374-3382.	0.8	80
24	Structures of Discoidal High Density Lipoproteins. <i>Journal of Biological Chemistry</i> , 2010, 285, 4652-4665.	1.6	68
25	Autoantibodies in Alzheimer's disease: potential biomarkers, pathogenic roles, and therapeutic implications. <i>Journal of Biomedical Research</i> , 2016, 30, 361.	0.7	68
26	β adrenergic receptor promotes amyloidogenesis through disrupting APP-SorLA interaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17296-17301.	3.3	63
27	Simvastatin-mediated enhancement of long-term potentiation is driven by farnesyl-pyrophosphate depletion and inhibition of farnesylation. <i>Neuroscience</i> , 2012, 202, 1-9.	1.1	58
28	Assessment of the Validity of the Double Superhelix Model for Reconstituted High Density Lipoproteins. <i>Journal of Biological Chemistry</i> , 2010, 285, 41161-41171.	1.6	56
29	Leukocyte/platelet hybrid membrane-camouflaged dendritic large pore mesoporous silica nanoparticles co-loaded with photo/chemotherapeutic agents for triple negative breast cancer combination treatment. <i>Bioactive Materials</i> , 2021, 6, 3865-3878.	8.6	51
30	Antifungal nortriterpene and triterpene glycosides from the sea cucumber <i>Apostichopus japonicus</i> Selenka. <i>Food Chemistry</i> , 2012, 132, 295-300.	4.2	49
31	Protein Prenylation and Synaptic Plasticity: Implications for Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2014, 50, 177-185.	1.9	49
32	Increasing the Permeability of the Blood-brain Barrier in Three Different Models <i>in Vivo</i> . <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 568-574.	1.9	47
33	Carboxyl Ester Lipase Overexpression in Rat Hepatoma Cells and CEL Deficiency in Mice Have No Impact on Hepatic Uptake or Metabolism of Chylomicron-Retinyl Ester. <i>Biochemistry</i> , 1999, 38, 4150-4156.	1.2	46
34	Dynamics of Activation of Lecithin:Cholesterol Acyltransferase by Apolipoprotein A-I. <i>Biochemistry</i> , 2009, 48, 11196-11210.	1.2	46
35	Cytosporides A-E, New Nonanolides from an Endophytic Fungus, <i>Cytospora</i> sp.. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5452-5459.	1.2	46
36	Sirt1 hyperexpression in SHR heart related to left ventricular hypertrophy. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009, 87, 56-62.	0.7	45

#	ARTICLE	IF	CITATIONS
37	Isoprenoids and Related Pharmacological Interventions: Potential Application in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2012, 46, 64-77.	1.9	43
38	Apolipoprotein A-I Crosses the Blood-Brain Barrier through Clathrin-Independent and Cholesterol-Mediated Endocytosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 369, 481-488.	1.3	42
39	Cognitive Performance and Plasma Levels of Homocysteine, Vitamin B ₁₂ , Folate and Lipids in Patients with Alzheimer Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2008, 26, 384-390.	0.7	38
40	Farnesyltransferase Haplodeficiency Reduces Neuropathology and Rescues Cognitive Function in a Mouse Model of Alzheimer Disease. <i>Journal of Biological Chemistry</i> , 2013, 288, 35952-35960.	1.6	38
41	Peripheral versus central nervous system APOE in Alzheimer's disease: Interplay across the blood-brain barrier. <i>Neuroscience Letters</i> , 2019, 708, 134306.	1.0	38
42	Genetic Mechanism of Human Neutrophil Antigen 2 Deficiency and Expression Variations. <i>PLoS Genetics</i> , 2015, 11, e1005255.	1.5	36
43	Surface Density-Induced Pleating of a Lipid Monolayer Drives Nascent High-Density Lipoprotein Assembly. <i>Structure</i> , 2015, 23, 1214-1226.	1.6	36
44	Metabolic Labeling with an Alkyne-modified Isoprenoid Analog Facilitates Imaging and Quantification of the Prenylome in Cells. <i>ACS Chemical Biology</i> , 2016, 11, 2820-2828.	1.6	36
45	Therapeutic Potential and Anti-Amyloidosis Mechanisms of Tert-Butylhydroquinone for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 767-778.	1.2	35
46	Optic nerve as a source of activated retinal microglia post-injury. <i>Acta Neuropathologica Communications</i> , 2018, 6, 66.	2.4	35
47	Phalinopsides A and B, Two New Sulfated Triterpene Glycosides from the Sea Cucumber <i>Pentacta quadrangularis</i> . <i>Helvetica Chimica Acta</i> , 2006, 89, 54-63.	1.0	33
48	Thermal Stability of Apolipoprotein A-I in High-Density Lipoproteins by Molecular Dynamics. <i>Biophysical Journal</i> , 2009, 96, 354-371.	0.2	32
49	Triptolide Preserves Cognitive Function and Reduces Neuropathology in a Mouse Model of Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e108845.	1.1	32
50	Loss of TREM2 Confers Resilience to Synaptic and Cognitive Impairment in Aged Mice. <i>Journal of Neuroscience</i> , 2020, 40, 9552-9563.	1.7	32
51	High-density lipoprotein mimetic peptide 4F mitigates amyloid β -induced inhibition of apolipoprotein E secretion and lipidation in primary astrocytes and microglia. <i>Journal of Neurochemistry</i> , 2018, 147, 647-662.	2.1	31
52	Swiprosin-1 Promotes Mitochondria-Dependent Apoptosis of Glomerular Podocytes via P38 MAPK Pathway in Early-Stage Diabetic Nephropathy. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 899-916.	1.1	30
53	ABCA1 polymorphisms and Alzheimer's disease. <i>Neuroscience Letters</i> , 2007, 416, 180-183.	1.0	29
54	Two New Cytotoxic Nonsulfated Pentasaccharide Holostane (=20-Hydroxylanostan-18-oic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (1453-1460.	1.0	28

#	ARTICLE	IF	CITATIONS
55	Variegatusides: New Non-Sulphated Triterpene Glycosides from the Sea Cucumber <i>Stichopus variegatus</i> Semper. <i>Marine Drugs</i> , 2014, 12, 2004-2018.	2.2	28
56	Effect of Orally Administered <i>Eubacterium coprostanoligenes</i> ATCC 51222 on Plasma Cholesterol Concentration in Laying Hens. <i>Poultry Science</i> , 1996, 75, 743-745.	1.5	27
57	Effective sustained release of 5-FU-loaded PLGA implant for improving therapeutic index of 5-FU in colon tumor. <i>International Journal of Pharmaceutics</i> , 2018, 550, 380-387.	2.6	26
58	Metabolomic profiling for the identification of potential biomarkers involved in a laboratory azole resistance in <i>Candida albicans</i> . <i>PLoS ONE</i> , 2018, 13, e0192328.	1.1	26
59	Urinary metabolomics elucidate the therapeutic mechanism of <i>Orthosiphon stamineus</i> in mouse crystal-induced kidney injury. <i>Journal of Ethnopharmacology</i> , 2015, 166, 323-332.	2.0	25
60	“Sticky” and “Promiscuous”, the Yin and Yang of Apolipoprotein A-I Termini in Discoidal High-Density Lipoproteins: A Combined Computational-Experimental Approach. <i>Biochemistry</i> , 2011, 50, 2249-2263.	1.2	24
61	Simvastatin Treatment Enhances NMDAR-Mediated Synaptic Transmission by Upregulating the Surface Distribution of the GluN2B Subunit. <i>Cellular and Molecular Neurobiology</i> , 2014, 34, 693-705.	1.7	22
62	The Active Components of Fuzheng Huayu Formula and Their Potential Mechanism of Action in Inhibiting the Hepatic Stellate Cells Viability – A Network Pharmacology and Transcriptomics Approach. <i>Frontiers in Pharmacology</i> , 2018, 9, 525.	1.6	22
63	EFhd2/swiprosin-1 regulates LPS-induced macrophage recruitment via enhancing actin polymerization and cell migration. <i>International Immunopharmacology</i> , 2018, 55, 263-271.	1.7	21
64	LY333531, a PKC β inhibitor, attenuates glomerular endothelial cell apoptosis in the early stage of mouse diabetic nephropathy via down-regulating swiprosin-1. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 1009-1023.	2.8	20
65	Interspecies Organogenesis for Human Transplantation. <i>Cell Transplantation</i> , 2019, 28, 1091-1105.	1.2	19
66	Rotational and hinge dynamics of discoidal high density lipoproteins probed by interchain disulfide bond formation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 481-489.	1.2	18
67	Metabolic Labeling of Prenylated Proteins Using Alkyne-Modified Isoprenoid Analogues. <i>Current Protocols in Chemical Biology</i> , 2018, 10, e46.	1.7	18
68	The nonconservative <i>CD177</i> single-nucleotide polymorphism c.1291G>A is a genetic determinant for human neutrophil antigen-2 atypical/low expression and deficiency. <i>Transfusion</i> , 2019, 59, 1836-1842.	0.8	18
69	Neuronal Protein Farnesylation Regulates Hippocampal Synaptic Plasticity and Cognitive Function. <i>Molecular Neurobiology</i> , 2021, 58, 1128-1144.	1.9	18
70	Comparative analysis of essential oils found in Rhizomes <i>Curcumae</i> and Radix <i>Curcumae</i> by gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2011, 1, 203-207.	2.4	17
71	Rapid and simultaneous determination of hair polyamines as N-heptafluorobutryl derivatives by gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 876, 257-260.	1.2	16
72	Cross-platform metabolic profiling deciphering the potential targets of Shenfu injection against acute viral myocarditis in mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 1-11.	1.4	16

#	ARTICLE	IF	CITATIONS
73	Polymorphic tetranucleotide repeat site within intron 7 of the β -amyloid precursor protein gene and its lack of association with Alzheimer's disease. <i>Human Genetics</i> , 1998, 103, 86-89.	1.8	14
74	Overproduction of perlecan core protein in cultured cells and transgenic mice. <i>Journal of Pathology</i> , 2001, 194, 262-269.	2.1	14
75	Haplodeficiency of <i>Cathepsin D</i> does not affect cerebral amyloidosis and autophagy in <i>APP</i> / <i>PS</i> 1 transgenic mice. <i>Journal of Neurochemistry</i> , 2017, 142, 297-304.	2.1	13
76	Systemic or Forebrain Neuron-Specific Deficiency of Geranylgeranyltransferase-1 Impairs Synaptic Plasticity and Reduces Dendritic Spine Density. <i>Neuroscience</i> , 2018, 373, 207-217.	1.1	13
77	Accumulation of amyloid- β protein in exocrine glands of transgenic mice overexpressing a carboxyl terminal portion of amyloid protein precursor. <i>International Journal of Experimental Pathology</i> , 2001, 81, 231-239.	0.6	12
78	Possible association between genetic variability at the apolipoprotein(a) locus and Alzheimer's disease in apolipoprotein E2 carriers. <i>Neuroscience Letters</i> , 2002, 331, 60-62.	1.0	12
79	Combined treatment of $A\beta$ immunization with statin in a mouse model of Alzheimer's disease. <i>Journal of Neuroimmunology</i> , 2012, 244, 70-83.	1.1	12
80	The Role of HDL and HDL Mimetic Peptides as Potential Therapeutics for Alzheimer's Disease. <i>Biomolecules</i> , 2020, 10, 1276.	1.8	12
81	Protein farnesylation is upregulated in Alzheimer's human brains and neuron-specific suppression of farnesyltransferase mitigates pathogenic processes in Alzheimer's model mice. <i>Acta Neuropathologica Communications</i> , 2021, 9, 129.	2.4	12
82	Metabonomics on <i>Candida albicans</i> indicate the excessive H3K56ac is involved in the antifungal activity of Shikonin. <i>Emerging Microbes and Infections</i> , 2019, 8, 1243-1253.	3.0	11
83	Protective effect of cinnamic acid in endotoxin-poisoned mice. <i>Phytotherapy Research</i> , 2017, 31, 1946-1953.	2.8	10
84	Plasma lipoproteome in Alzheimer's disease: a proof-of-concept study. <i>Clinical Proteomics</i> , 2018, 15, 31.	1.1	10
85	High-Density Lipoprotein Mimetic Peptide 4F Efficiently Crosses the Blood-Brain Barrier and Modulates Amyloid- β Distribution between Brain and Plasma. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 375, 308-316.	1.3	10
86	Transportan Peptide Stimulates the Nanomaterial Internalization into Mammalian Cells in the Bystander Manner through Macropinocytosis. <i>Pharmaceutics</i> , 2021, 13, 552.	2.0	10
87	Pharmacokinetics and tissue distribution of Ebracteolatin A, a potential anti-cancer compound, as determined by an optimized ultra-performance liquid chromatography tandem mass spectrometry method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 169, 279-287.	1.4	9
88	Low level of swiprosin-1/EFhd2 in vestibular nuclei of spontaneously hypersensitive motion sickness mice. <i>Scientific Reports</i> , 2017, 7, 40986.	1.6	8
89	Metabolic labeling with an alkyne probe reveals similarities and differences in the prenylomes of several brain-derived cell lines and primary cells. <i>Scientific Reports</i> , 2021, 11, 4367.	1.6	8
90	Simvastatin enhances immune responses to $A\beta$ vaccination and attenuates vaccination-induced behavioral alterations. <i>Brain Research</i> , 2010, 1356, 102-111.	1.1	7

#	ARTICLE	IF	CITATIONS
91	Vascular biomarkers to predict response to exercise in Alzheimer's disease: the study protocol. <i>BMJ Open</i> , 2016, 6, e011054.	0.8	7
92	Pharmacokinetic study of eight bioactive components following oral administration of Zhiqiao Gancao decoction and observation of its clinical efficacy. <i>Biomedical Chromatography</i> , 2020, 34, e4706.	0.8	7
93	Microglial TREM2 at the Intersection of Brain Aging and Alzheimer's Disease. <i>Neuroscientist</i> , 2023, 29, 302-316.	2.6	7
94	Analysis of Mouse Intron 7 DNA Sequence of the APP Gene: Comparison with the Human Homologue. <i>DNA Sequence</i> , 1999, 10, 219-228.	0.7	6
95	Bioactive Aromatic Derivatives from Endophytic Fungus, <i>Cytospora</i> sp. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.2	6
96	Polyhydroxylated Steroids from the South China Sea Gorgonian <i>Anthogorgia</i> sp.. <i>Helvetica Chimica Acta</i> , 2012, 95, 522-527.	1.0	4
97	Characterization of Nucleotides and Nucleotide Sugars in <i>Candida albicans</i> by High Performance Liquid Chromatography-Mass Spectrometry with a Porous Graphite Carbon Column. <i>Analytical Letters</i> , 2014, 47, 234-249.	1.0	4
98	Associations between the exposure to organophosphate flame retardants during early pregnancy and the risk of spontaneous abortion based on metabolomics combined with tandem mass spectrometry. <i>Annals of Translational Medicine</i> , 2021, 9, 1305-1305.	0.7	4
99	Semimechanistic Population Pharmacokinetic Modeling to Investigate Amyloid Beta Trafficking and Accumulation at the BBB Endothelium. <i>Molecular Pharmaceutics</i> , 2021, 18, 4148-4161.	2.3	4
100	Plasma carboxyl ester lipase activity modulates apolipoprotein B-containing lipoprotein metabolism in a transgenic mouse model. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 1361-1368.	1.5	3
101	A permeation cup method for screening packaging materials for fragrance preservation in Chinese medicine. <i>Analytical Methods</i> , 2016, 8, 7387-7395.	1.3	3
102	Protective effects of ethyl acetate extracts of <i>Rimulus Cinnamon</i> on systemic inflammation and lung injury in endotoxin-poisoned mice. <i>Drug and Chemical Toxicology</i> , 2019, 42, 309-316.	1.2	3
103	Novel glutamic acid derivatives from the bulbs of <i>Fritillaria verticillate</i> Willd and their antitumor activities. <i>FÄ-toterapÄ-t</i> , 2021, 154, 105022.	1.1	3
104	Metabolic responses of BV2 cells to puerarin on its polarization using ultra-performance liquid chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2020, 34, e4796.	0.8	2
105	Molecular mechanisms for simvastatin-mediated enhancement of synaptic plasticity. <i>Molecular Neurodegeneration</i> , 2012, 7, O4.	4.4	1
106	Association of Visit-to-Visit Variabilities in Metabolic Factors with Chronic Kidney Disease in Chinese Adults Living in Shanghai. <i>Biomedical and Environmental Sciences</i> , 2021, 34, 761-772.	0.2	1
107	Alzheimer's Disease and Other Neurodegenerative Disorders. , 2009, , 499-521.		0