

Xiyan Li

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,595
citations

567281

15
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

3612
citing authors

#	ARTICLE	IF	CITATIONS
1	mTOR-mediated dedifferentiation of the retinal pigment epithelium initiates photoreceptor degeneration in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 369-383.	8.2	265
2	Extensive In Vivo Metabolite-Protein Interactions Revealed by Large-Scale Systematic Analyses. <i>Cell</i> , 2010, 143, 639-650.	28.9	200
3	Heterogeneity in old fibroblasts is linked to variability in reprogramming and wound healing. <i>Nature</i> , 2019, 574, 553-558.	27.8	187
4	Expression Patterns of a Novel AtCHX Gene Family Highlight Potential Roles in Osmotic Adjustment and K ⁺ Homeostasis in Pollen Development. <i>Plant Physiology</i> , 2004, 136, 2532-2547.	4.8	148
5	Dynamic Human Environmental Exposome Revealed by Longitudinal Personal Monitoring. <i>Cell</i> , 2018, 175, 277-291.e31.	28.9	137
6	A Distinct Endosomal Ca ²⁺ /Mn ²⁺ Pump Affects Root Growth through the Secretory Process. <i>Plant Physiology</i> , 2008, 147, 1675-1689.	4.8	103
7	Participation of Endomembrane Cation/H ⁺ Exchanger AtCHX20 in Osmoregulation of Guard Cells. <i>Plant Physiology</i> , 2007, 144, 82-93.	4.8	95
8	Pharmacological rescue of diabetic skeletal stem cell niches. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	80
9	Infiltration of <i>Nicotiana benthamiana</i> Protocol for Transient Expression via <i>Agrobacterium</i> . <i>Bio-protocol</i> , 2011, 1, .	0.4	77
10	Succinate and its G-protein-coupled receptor stimulates osteoclastogenesis. <i>Nature Communications</i> , 2017, 8, 15621.	12.8	73
11	Investigating metabolite-protein interactions: An overview of available techniques. <i>Methods</i> , 2012, 57, 459-466.	3.8	40
12	Metabolites as global regulators: A new view of protein regulation. <i>BioEssays</i> , 2011, 33, 485-489.	2.5	36
13	Systematic investigation of protein-small molecule interactions. <i>IUBMB Life</i> , 2013, 65, 2-8.	3.4	33
14	Yeast longevity promoted by reversing aging-associated decline in heavy isotope content. <i>Npj Aging and Mechanisms of Disease</i> , 2016, 2, 16004.	4.5	23
15	A detailed pyrolysis model for a thermally large biomass particle. <i>Fuel</i> , 2020, 278, 118397.	6.4	22
16	Metformin Improves Diabetic Bone Health by Re-Balancing Catabolism and Nitrogen Disposal. <i>PLoS ONE</i> , 2015, 10, e0146152.	2.5	13
17	Can heavy isotopes increase lifespan? Studies of relative abundance in various organisms reveal chemical perspectives on aging. <i>BioEssays</i> , 2016, 38, 1093-1101.	2.5	12
18	Metformin Affects Heme Function as a Possible Mechanism of Action. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 513-522.	1.8	12

#	ARTICLE	IF	CITATIONS
19	Genomic and Molecular Analyses of Transporters in the Male Gametophyte. , 0, , 71-93.		11
20	A detailed computational fluid dynamics model on biomass pellet smoldering combustion and its parametric study. Chemical Engineering Science, 2021, 231, 116247.	3.8	10
21	A drying model for thermally large biomass particle pyrolysis. Energy Procedia, 2019, 158, 1294-1302.	1.8	8
22	Analyzing In Vivo Metabolite-Protein Interactions by Large-Scale Systematic Analyses. Current Protocols in Chemical Biology, 2011, 3, 181-196.	1.7	5
23	Metabolomics as a robust tool in systems biology and personalized medicine: an open letter to the metabolomics community. Metabolomics, 2013, 9, 532-534.	3.0	3
24	Rabbit IgG Conjugation to Dynabeads. Bio-protocol, 2011, 1, .	0.4	2
25	Affinity Purification of Yeast Protein-interacting Metabolites for ESI-MS Analysis. Bio-protocol, 2011, 1, .	0.4	0