

Xiyan Li

List of Publications by Year in descending order

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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	A detailed computational fluid dynamics model on biomass pellet smoldering combustion and its parametric study. <i>Chemical Engineering Science</i> , 2021, 231, 116247.	3.8	10
2	A detailed pyrolysis model for a thermally large biomass particle. <i>Fuel</i> , 2020, 278, 118397.	6.4	22
3	A drying model for thermally large biomass particle pyrolysis. <i>Energy Procedia</i> , 2019, 158, 1294-1302.	1.8	8
4	Heterogeneity in old fibroblasts is linked to variability in reprogramming and wound healing. <i>Nature</i> , 2019, 574, 553-558.	27.8	187
5	Metformin Affects Heme Function as a Possible Mechanism of Action. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 513-522.	1.8	12
6	Dynamic Human Environmental Exposome Revealed by Longitudinal Personal Monitoring. <i>Cell</i> , 2018, 175, 277-291.e31.	28.9	137
7	Pharmacological rescue of diabetic skeletal stem cell niches. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	80
8	Succinate and its G-protein-coupled receptor stimulates osteoclastogenesis. <i>Nature Communications</i> , 2017, 8, 15621.	12.8	73
9	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
10	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
11	Metformin Improves Diabetic Bone Health by Re-Balancing Catabolism and Nitrogen Disposal. <i>PLoS ONE</i> , 2015, 10, e0146152.	2.5	13
12	Systematic investigation of proteinâ€‘small molecule interactions. <i>IUBMB Life</i> , 2013, 65, 2-8.	3.4	33
13	Metabolomics as a robust tool in systems biology and personalized medicine: an open letter to the metabolomics community. <i>Metabolomics</i> , 2013, 9, 532-534.	3.0	3
14	Investigating metaboliteâ€‘protein interactions: An overview of available techniques. <i>Methods</i> , 2012, 57, 459-466.	3.8	40
15	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
16	Metabolites as global regulators: A new view of protein regulation. <i>BioEssays</i> , 2011, 33, 485-489.	2.5	36
17	Analyzing In Vivo Metaboliteâ€‘Protein Interactions by Largeâ€‘Scale Systematic Analyses. <i>Current Protocols in Chemical Biology</i> , 2011, 3, 181-196.	1.7	5
18	Infiltration of <i>Nicotiana benthamiana</i> Protocol for Transient Expression via <i>Agrobacterium</i> . <i>Bio-protocol</i> , 2011, 1, .	0.4	77

#	ARTICLE	IF	CITATIONS
19	Affinity Purification of Yeast Protein-interacting Metabolites for ESI-MS Analysis. Bio-protocol, 2011, 1, .	0.4	0
20	Rabbit IgG Conjugation to Dynabeads. Bio-protocol, 2011, 1, .	0.4	2
21	Extensive In Vivo Metabolite-Protein Interactions Revealed by Large-Scale Systematic Analyses. Cell, 2010, 143, 639-650.	28.9	200
22	A Distinct Endosomal Ca ²⁺ /Mn ²⁺ Pump Affects Root Growth through the Secretory Process. Plant Physiology, 2008, 147, 1675-1689.	4.8	103
23	Participation of Endomembrane Cation/H ⁺ Exchanger AtCHX20 in Osmoregulation of Guard Cells. Plant Physiology, 2007, 144, 82-93.	4.8	95
24	Expression Patterns of a Novel AtCHX Gene Family Highlight Potential Roles in Osmotic Adjustment and K ⁺ Homeostasis in Pollen Development. Plant Physiology, 2004, 136, 2532-2547.	4.8	148
25	Genomic and Molecular Analyses of Transporters in the Male Gametophyte. , 0, , 71-93.		11