

Kefeng Li

List of Publications by Year in Descending Order

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

76
papers

1,796
citations

23
h-index

40
g-index

82
ext. papers

2,289
ext. citations

6.1
avg, IF

5.22
L-index

#	Paper	IF	Citations
76	Precautions for study design and data interpretation of clinical metabolomics.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	0
75	Understanding complex functional wiring patterns in major depressive disorder through brain functional connectome. <i>Translational Psychiatry</i> , 2021 , 11, 526	8.6	2
74	Metabolic and behavioral features of acute hyperpurinergia and the maternal immune activation mouse model of autism spectrum disorder. <i>PLoS ONE</i> , 2021 , 16, e0248771	3.7	5
73	Assessment of Phytochemicals and Herbal Formula for the Treatment of Depression through Metabolomics. <i>Current Pharmaceutical Design</i> , 2021 , 27, 840-854	3.3	1
72	Machine Learning Identifies Metabolic Signatures that Predict the Risk of Recurrent Angina in Remitted Patients after Percutaneous Coronary Intervention: A Multicenter Prospective Cohort Study. <i>Advanced Science</i> , 2021 , 8, 2003893	13.6	3
71	Altered lung metabolism and mitochondrial DAMPs in lung injury due to acute kidney injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L821-L831	5.8	6
70	Be Prepared for a Mental Illness "Pandemic" in China: Too Early to Celebrate the Victory Over COVID-19. <i>Disaster Medicine and Public Health Preparedness</i> , 2021 , 1-2	2.8	3
69	Association between urinary per- and poly-fluoroalkyl substances and COVID-19 susceptibility. <i>Environment International</i> , 2021 , 153, 106524	12.9	3
68	Imagining a teaching utopia. <i>Science</i> , 2021 , 374, 31-32	33.3	
67	Targeting hippocampal phospholipid and tryptophan metabolism for antidepressant-like effects of albilflorin. <i>Phytomedicine</i> , 2021 , 92, 153735	6.5	3
66	Metabolic features of recurrent major depressive disorder in remission, and the risk of future recurrence. <i>Translational Psychiatry</i> , 2021 , 11, 37	8.6	3
65	Anxiety and depression among general population in China at the peak of the COVID-19 epidemic. <i>World Psychiatry</i> , 2020 , 19, 249-250	14.4	172
64	Long-term use of fluoxetine accelerates bone loss through the disruption of sphingolipids metabolism in bone marrow adipose tissue. <i>Translational Psychiatry</i> , 2020 , 10, 138	8.6	2
63	Intranasal delivery of berberine via in situ thermoresponsive hydrogels with non-invasive therapy exhibits better antidepressant-like effects. <i>Biomaterials Science</i> , 2020 , 8, 2853-2865	7.4	13
62	Improved Dried Blood Spot-Based Metabolomics: A Targeted, Broad-Spectrum, Single-Injection Method. <i>Metabolites</i> , 2020 , 10,	5.6	17
61	Metabolomic profiling of dried blood spots reveals gender-specific discriminant models for the diagnosis of small cell lung cancer. <i>Aging</i> , 2020 , 12, 978-995	5.6	4
60	An improved multivariate model that distinguishes COVID-19 from seasonal flu and other respiratory diseases. <i>Aging</i> , 2020 , 12, 19938-19944	5.6	3

59	Epigenome-wide meta-analysis of PTSD across 10 military and civilian cohorts identifies methylation changes in AHRR. <i>Nature Communications</i> , 2020 , 11, 5965	17.4	34
58	Light regulation of resistance to oxidative damage and magnetic crystal biogenesis in <i>Magnetospirillum magneticum</i> mediated by a Cys-less LOV-like protein. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 7927-7941	5.7	3
57	Metabolic response of vetiver grass (<i>Chrysopogon zizanioides</i>) to acid mine drainage. <i>Chemosphere</i> , 2020 , 240, 124961	8.4	7
56	Prediction of sepsis mortality using metabolite biomarkers in the blood: a meta-analysis of death-related pathways and prospective validation. <i>BMC Medicine</i> , 2020 , 18, 83	11.4	26
55	A Mutation in the Mitochondrial Aspartate/Glutamate Carrier Leads to a More Oxidizing Intramitochondrial Environment and an Inflammatory Myopathy in Dutch Shepherd Dogs. <i>Journal of Neuromuscular Diseases</i> , 2019 , 6, 485-501	5	5
54	Reply to "Comment on: Comprehensive Nutritional and Dietary Intervention For Autism Spectrum Disorder-A Randomized, Controlled 12-Month Trial, <i>Nutrients</i> 2018, 10, 369". <i>Nutrients</i> , 2019 , 11,	6.7	1
53	Uptake and transformation of ciprofloxacin by vetiver grass (<i>Chrysopogon zizanioides</i>). <i>International Biodeterioration and Biodegradation</i> , 2019 , 142, 200-210	4.8	17
52	Plant growth promoting bacteria in agriculture: Two sides of a coin. <i>Applied Soil Ecology</i> , 2019 , 138, 10-18		81
51	Metabolomics profiling of cleidocranial dysplasia. <i>Clinical Oral Investigations</i> , 2019 , 23, 1031-1040	4.2	1
50	Metabolic features of Gulf War illness. <i>PLoS ONE</i> , 2019 , 14, e0219531	3.7	19
49	Individual differences in pain sensitivity predict the experience of unfairness. <i>Journal of Health Psychology</i> , 2019 , 24, 953-963	3.1	4
48	Anti-inflammatory and immune-modulating effects of rice callus suspension culture (RCSC) and bioactive fractions in an in vitro inflammatory bowel disease model. <i>Phytomedicine</i> , 2019 , 57, 364-376	6.5	4
47	Recent advances in vitamins analysis by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 147, 278-287	3.5	24
46	Dan-Lou Prescription Inhibits Foam Cell Formation Induced by ox-LDL via the TLR4/NF- κ B and PPAR γ Signaling Pathways. <i>Frontiers in Physiology</i> , 2018 , 9, 590	4.6	19
45	Comprehensive Nutritional and Dietary Intervention for Autism Spectrum Disorder-A Randomized, Controlled 12-Month Trial. <i>Nutrients</i> , 2018 , 10,	6.7	81
44	Sphingomyelin phosphodiesterase 1 (SMPD1) mediates the attenuation of myocardial infarction-induced cardiac fibrosis by astaxanthin. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 503, 637-643	3.4	14
43	Comparative metabolic profiling of vetiver (<i>Chrysopogon zizanioides</i>) and maize (<i>Zea mays</i>) under lead stress. <i>Chemosphere</i> , 2018 , 193, 903-911	8.4	25
42	Next-generation Metabolomics in the Development of New Antidepressants: Using Albiflorin as an Example. <i>Current Pharmaceutical Design</i> , 2018 , 24, 2530-2540	3.3	16

41	Integrated omics and gene expression analysis identifies the loss of metabolite-metabolite correlations in small cell lung cancer. <i>OncoTargets and Therapy</i> , 2018 , 11, 3919-3929	4.4	4
40	Utility of Spot Urine Specimens to Assess Tubular Secretion. <i>American Journal of Kidney Diseases</i> , 2017 , 69, 709-711	7.4	4
39	Nicotine withdrawal-induced inattention is absent in alpha7 nAChR knockout mice. <i>Psychopharmacology</i> , 2017 , 234, 1573-1586	4.7	12
38	Plasma Phospholipids and Sphingolipids Identify Stent Restenosis After Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 1307-1316	5	24
37	Low-dose suramin in autism spectrum disorder: a small, phase I/II, randomized clinical trial. <i>Annals of Clinical and Translational Neurology</i> , 2017 , 4, 491-505	5.3	56
36	New LC-MS/MS Method for the Analysis of Allura Red Level in Takeaway Chinese Dishes and Urine of an Adult Chinese Population. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 2588-2593	5.7	3
35	A robust, single-injection method for targeted, broad-spectrum plasma metabolomics. <i>Metabolomics</i> , 2017 , 13, 122	4.7	25
34	The regional neuronal activity in left posterior middle temporal gyrus is correlated with the severity of chronic aphasia. <i>Neuropsychiatric Disease and Treatment</i> , 2017 , 13, 1937-1945	3.1	6
33	Englerin A induces an acute inflammatory response and reveals lipid metabolism and ER stress as targetable vulnerabilities in renal cell carcinoma. <i>PLoS ONE</i> , 2017 , 12, e0172632	3.7	15
32	Humanin rescues cultured rat cortical neurons from NMDA-induced toxicity through the alleviation of mitochondrial dysfunction. <i>Drug Design, Development and Therapy</i> , 2017 , 11, 1243-1253	4.4	18
31	Light irradiation helps magnetotactic bacteria eliminate intracellular reactive oxygen species. <i>Environmental Microbiology</i> , 2017 , 19, 3638-3648	5.2	11
30	Next-generation metabolomics in lung cancer diagnosis, treatment and precision medicine: mini review. <i>Oncotarget</i> , 2017 , 8, 115774-115786	3.3	43
29	Metabolic features of chronic fatigue syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5472-80	11.5	192
28	Reply to Vogt et al.: Metabolomics and chronic fatigue syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E7142-E7143	11.5	1
27	Antitumor activity of dobutamine on human osteosarcoma cells. <i>Oncology Letters</i> , 2016 , 11, 3676-3680	2.6	10
26	Identification of Biochemical Pathways Associated with Lead Tolerance and Detoxification in <i>Chrysopogon zizanioides</i> L. Nash (Vetiver) by Metabolic Profiling. <i>Environmental Science & Technology</i> , 2016 , 50, 2530-7	10.3	40
25	Modes of Antiviral Action of Chemical Portions and Constituents from Woad Root Extract against Influenza Virus A FM1. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016 , 2016, 2537294	2.3	6
24	ROI for outlining an entire tumor is a reliable approach for quantification of lung cancer tumor vascular parameters using CT perfusion. <i>OncoTargets and Therapy</i> , 2016 , 9, 2377-84	4.4	8

23	Functional magnetic resonance imaging reveals abnormal brain connectivity in EGR3 gene transfected rat model of schizophrenia. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 460, 678-83	3.4	8
22	High-fat diet and FGF21 cooperatively promote aerobic thermogenesis in mtDNA mutator mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8714-9	11.5	37
21	Antipurinergic therapy corrects the autism-like features in the Fragile X (Fmr1 knockout) mouse model. <i>Molecular Autism</i> , 2015 , 6, 1	6.5	112
20	Magnetosomes extracted from <i>Magnetospirillum magneticum</i> strain AMB-1 showed enhanced peroxidase-like activity under visible-light irradiation. <i>Enzyme and Microbial Technology</i> , 2015 , 72, 72-8	3.8	17
19	Comparison of reendothelialization and neointimal formation with stents coated with antibodies against endoglin and CD34 in a porcine model. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 2249-56	4.4	3
18	The reduction of volume and fiber bundle connections in the hippocampus of EGR3 transgenic schizophrenia rats. <i>Neuropsychiatric Disease and Treatment</i> , 2015 , 11, 1625-38	3.1	3
17	Recent advances in CE-mediated microanalysis for enzyme study. <i>Electrophoresis</i> , 2014 , 35, 119-27	3.6	43
16	Integrated metabolomic and proteomic approaches dissect the effect of metal-resistant bacteria on maize biomass and copper uptake. <i>Environmental Science & Technology</i> , 2014 , 48, 1184-93	10.3	56
15	Analysis of complications in primary cleft lips and palates surgery. <i>Journal of Craniofacial Surgery</i> , 2014 , 25, 968-71	1.2	28
14	Humanin rescues cultured rat cortical neurons from NMDA-induced toxicity not by NMDA receptor. <i>Scientific World Journal, The</i> , 2014 , 2014, 341529	2.2	8
13	Reversal of autism-like behaviors and metabolism in adult mice with single-dose antipurinergic therapy. <i>Translational Psychiatry</i> , 2014 , 4, e400	8.6	89
12	A novel stent coated with antibodies to endoglin inhibits neointimal formation of porcine coronary arteries. <i>BioMed Research International</i> , 2014 , 2014, 428619	3	9
11	Novel quantitative metabolomic approach for the study of stress responses of plant root metabolism. <i>Journal of Proteome Research</i> , 2014 , 13, 5879-87	5.6	23
10	Assessment of hemodynamics in a rat model of liver cirrhosis with precancerous lesions using multislice spiral CT perfusion imaging. <i>BioMed Research International</i> , 2013 , 2013, 813174	3	7
9	Assessment of myocardial bridge and mural coronary artery using ECG-gated 256-slice CT angiography: a retrospective study. <i>Scientific World Journal, The</i> , 2013 , 2013, 947876	2.2	14
8	Capillary electrophoresis-mass spectrometry in metabolomics: the potential for driving drug discovery and development. <i>Current Drug Metabolism</i> , 2013 , 14, 807-13	3.5	19
7	Mutational, proteomic and metabolomic analysis of a plant growth promoting copper-resistant <i>Pseudomonas</i> spp. <i>FEMS Microbiology Letters</i> , 2012 , 335, 140-8	2.9	12
6	Effect of wine and vinegar processing of <i>Rhizoma Corydalis</i> on the tissue distribution of tetrahydropalmatine, protopine and dehydrocorydaline in rats. <i>Molecules</i> , 2012 , 17, 951-70	4.8	17

5	Effect of multiple metal resistant bacteria from contaminated lake sediments on metal accumulation and plant growth. <i>Journal of Hazardous Materials</i> , 2011 , 189, 531-9	12.8	120
4	Matrix metalloproteinase inhibitors: a review on bioanalytical methods, pharmacokinetics and metabolism. <i>Current Drug Metabolism</i> , 2011 , 12, 395-410	3.5	23
3	Effects of space flight on DNA mutation and secondary metabolites of licorice (<i>Glycyrrhiza uralensis</i> Fisch.). <i>Science in China Series C: Life Sciences</i> , 2009 , 52, 977-81		10
2	Study on the morphology, crystalline structure and thermal properties of yam starch acetates with different degrees of substitution. <i>Science in China Series B: Chemistry</i> , 2008 , 51, 859-865		36
1	Epigenome-wide meta-analysis of PTSD across 10 military and civilian cohorts identifies novel methylation loci		3