

# Xiaodong Liu

## List of Publications by Year in descending order

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95  
papers

4,814  
citations

117625

34  
h-index

102487

66  
g-index

95  
all docs

95  
docs citations

95  
times ranked

8167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Citrus Naringenin Increases Neuron Survival in Optic Nerve Crush Injury Model by Inhibiting JNK-JUN Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 385.	4.1	7
2	Effect of Acupuncture on Neuroplasticity of Stroke Patients with Motor Dysfunction: A Meta-Analysis of fMRI Studies. <i>Neural Plasticity</i> , 2021, 2021, 1-10.	2.2	15
3	Effects of Retinal Transcription Regulation After GB20 Needling Treatment in Retina With Optic Neuritis. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 568449.	2.1	6
4	Acupuncture Treatment Reverses Retinal Gene Expression Induced by Optic Nerve Injury via RNA Sequencing Analysis. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, 59.	2.1	15
5	Synergistic effect of resveratrol and HSV-TK/GCV therapy on murine hepatoma cells. <i>Cancer Biology and Therapy</i> , 2019, 20, 183-191.	3.4	18
6	<i>Clostridium difficile</i> toxin B induces autophagic cell death in colonocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2469-2477.	3.6	9
7	Cholinergic tone in ventral tegmental area: Functional organization and behavioral implications. <i>Neurochemistry International</i> , 2018, 114, 127-133.	3.8	18
8	A sustainable photocontrolled ATRP strategy: facile separation and recycling of a visible-light-mediated catalyst $[\text{Ir}(\text{ppy})_3]$ . <i>Polymer Chemistry</i> , 2018, 9, 584-592.	3.9	20
9	Microbial degradation mechanism of pyridine by <i>Paracoccus</i> sp. NJUST30 newly isolated from aerobic granules. <i>Chemical Engineering Journal</i> , 2018, 344, 86-94.	12.7	86
10	Simultaneous pyridine biodegradation and nitrogen removal in an aerobic granular system. <i>Journal of Environmental Sciences</i> , 2018, 67, 318-329.	6.1	28
11	Mineral magnetic record of the Miocene-Pliocene climate transition on the Chinese Loess Plateau, North China. <i>Quaternary Research</i> , 2018, 89, 619-628.	1.7	6
12	Bioaugmentation strategy for the treatment of fungicide wastewater by two triazole-degrading strains. <i>Chemical Engineering Journal</i> , 2018, 349, 17-24.	12.7	36
13	Bioaugmentation potential of a newly isolated strain <i>Sphingomonas</i> sp. NJUST37 for the treatment of wastewater containing highly toxic and recalcitrant tricyclazole. <i>Bioresource Technology</i> , 2018, 264, 98-105.	9.6	44
14	Elevated Adenylyl Cyclase 9 Expression Is a Potential Prognostic Biomarker for Patients with Colon Cancer. <i>Medical Science Monitor</i> , 2018, 24, 19-25.	1.1	26
15	Proprioceptive mechanisms in occlusion-stimulated masseter hypercontraction. <i>European Journal of Oral Sciences</i> , 2017, 125, 127-134.	1.5	15
16	Evidence that oxidative dephosphorylation by the nonheme Fe(II), $\alpha$ -ketoglutarate:UMP oxygenase occurs by stereospecific hydroxylation. <i>FEBS Letters</i> , 2017, 591, 468-478.	2.8	11
17	Donut shape plasma jet plumes generated by microwave pulses even without air mole fractions. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	23
18	Spatial heterogeneity in stand characteristics alters water use patterns of mountain forests. <i>Agricultural and Forest Meteorology</i> , 2017, 236, 78-86.	4.8	13

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19	Water-use efficiency of an old-growth forest in lower subtropical China. <i>Scientific Reports</i> , 2017, 7, 42761.	3.3	28
20	The key role of biogenic manganese oxides in enhanced removal of highly recalcitrant 1,2,4-triazole from bio-treated chemical industrial wastewater. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10570-10583.	5.3	12
21	Pathological Role and Diagnostic Value of Endogenous Host Defense Peptides in Adult and Neonatal Sepsis. <i>Shock</i> , 2017, 47, 673-679.	2.1	20
22	Visible-light-induced living radical polymerization using in situ bromine-iodine transformation as an internal boost. <i>Polymer Chemistry</i> , 2017, 8, 2538-2551.	3.9	46
23	New Monoclonal Antibodies to Defined Cell Surface Proteins on Human Pluripotent Stem Cells. <i>Stem Cells</i> , 2017, 35, 626-640.	3.2	18
24	Aerobic granulation accelerated by biochar for the treatment of refractory wastewater. <i>Chemical Engineering Journal</i> , 2017, 314, 88-97.	12.7	77
25	Bioaugmentation of a continuous-flow self-forming dynamic membrane bioreactor for the treatment of wastewater containing high-strength pyridine. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3437-3447.	5.3	25
26	Comprehensive characterization of distinct states of human naive pluripotency generated by reprogramming. <i>Nature Methods</i> , 2017, 14, 1055-1062.	19.0	128
27	Neuroprotection by eIF2 $\uparrow$ -CHOP inhibition and XBP-1 activation in EAE/optic neuritis. <i>Cell Death and Disease</i> , 2017, 8, e2936-e2936.	6.3	55
28	Metal-free Atom Transfer Radical Polymerization of Methyl Methacrylate with ppm Level of Organic Photocatalyst. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600461.	3.9	78
29	Effect of Yunnan-Guizhou Topography at the Southeastern Tibetan Plateau on the Indian Monsoon. <i>Journal of Climate</i> , 2017, 30, 1259-1272.	3.2	35
30	Changes in the source of sedimentary organic matter in the marginal sea sediments of Eastern Hainan Island in response to human activities during the past 200 years. <i>Quaternary International</i> , 2017, 440, 150-159.	1.5	10
31	Dietary change in seabirds on Guangjin Island, South China Sea, over the past 1200 years inferred from stable isotope analysis. <i>Holocene</i> , 2017, 27, 331-338.	1.7	14
32	Correlation between $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ in flying fish ( <i>Exocoetus volitans</i> ) muscle and scales from the South China Sea. <i>Oceanological and Hydrobiological Studies</i> , 2017, 46, 307-313.	0.7	6
33	5-nm LiF as an Efficient Cathode Buffer Layer in Polymer Solar Cells Through Simply Introducing a C60 Interlayer. <i>Nanoscale Research Letters</i> , 2017, 12, 543.	5.7	15
34	Potential and use of bacterial small RNAs to combat drug resistance: a systematic review. <i>Infection and Drug Resistance</i> , 2017, Volume 10, 521-532.	2.7	22
35	Atmospheric connections with the North Atlantic enhanced the deglacial warming in northeast China. <i>Geology</i> , 2017, 45, 1031-1034.	4.4	55
36	Characterization and Comparison of the Structural Features, Immune-Modulatory and Anti-Avian Influenza Virus Activities Conferred by Three Algal Sulfated Polysaccharides. <i>Marine Drugs</i> , 2016, 14, 4.	4.6	60

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37	The Role of Deoxycytidine Kinase (dCK) in Radiation-Induced Cell Death. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1939.	4.1	9
38	Recycling Phosphated Residue for Pb <sup>2+</sup> Removal from Wastewater. <i>Environmental Engineering Science</i> , 2016, 33, 207-214.	1.6	3
39	Acute liver failure impairs function and expression of breast cancer-resistant protein (BCRP) at rat blood-brain barrier partly via ammonia-ROS-ERK1/2 activation. <i>Journal of Neurochemistry</i> , 2016, 138, 282-294.	3.9	25
40	The involvement of regulatory non-coding RNAs in sepsis: a systematic review. <i>Critical Care</i> , 2016, 20, 383.	5.8	79
41	Interspecies differences in metabolism of deoxypodophyllotoxin in hepatic microsomes from human, monkey, rat, mouse and dog. <i>Drug Metabolism and Pharmacokinetics</i> , 2016, 31, 314-322.	2.2	8
42	In vitro metabolism of l-corydalmine, a potent analgesic drug, in human, cynomolgus monkey, beagle dog, rat and mouse liver microsomes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 98-105.	2.8	9
43	Autophagy in sepsis: Degradation into exhaustion?. <i>Autophagy</i> , 2016, 12, 1073-1082.	9.1	111
44	Catalyst-free iodine-mediated living radical polymerization under irradiation over a wide visible-light spectral scope. <i>Polymer Chemistry</i> , 2016, 7, 3576-3588.	3.9	44
45	Albumin-NIR dye self-assembled nanoparticles for photoacoustic pH imaging and pH-responsive photothermal therapy effective for large tumors. <i>Biomaterials</i> , 2016, 98, 23-30.	11.4	182
46	A direct discontinuous Galerkin method for the compressible Navier-Stokes equations on arbitrary grids. <i>Journal of Computational Physics</i> , 2016, 327, 484-502.	3.8	36
47	Antibacterial and Cytotoxic Actinomycins Y <sub>6</sub> and Z <sub>p</sub> from <i>Streptomyces</i> sp. Strain GAT-GS12. <i>Journal of Natural Products</i> , 2016, 79, 2731-2739.	3.0	39
48	Development of monoclonal antibodies and serological assays including indirect ELISA and fluorescent microsphere immunoassays for diagnosis of porcine deltacoronavirus. <i>BMC Veterinary Research</i> , 2016, 12, 95.	1.9	24
49	Photosensitizer cross-linked nano-micelle platform for multimodal imaging guided synergistic photothermal/photodynamic therapy. <i>Nanoscale</i> , 2016, 8, 15323-15339.	5.6	70
50	Wogonin inhibits the proliferation and invasion, and induces the apoptosis of HepG2 and Bel7402 HCC cells through NF- $\kappa$ B/Bcl-2, EGFR and EGFR downstream ERK/AKT signaling. <i>International Journal of Molecular Medicine</i> , 2016, 38, 1250-1256.	4.0	48
51	Straightforward catalyst/solvent-free iodine-mediated living radical polymerization of functional monomers driven by visible light irradiation. <i>Chemical Communications</i> , 2016, 52, 10850-10853.	4.1	33
52	The enhanced atorvastatin hepatotoxicity in diabetic rats was partly attributed to the upregulated hepatic Cyp3a and SLCO1B1. <i>Scientific Reports</i> , 2016, 6, 33072.	3.3	26
53	Sensitive determination of glucose in Dulbecco's modified Eagle medium by high-performance liquid chromatography with 1-phenyl-3-methyl-5-pyrazolone derivatization: application to gluconeogenesis studies. <i>Biomedical Chromatography</i> , 2016, 30, 601-605.	1.7	9
54	A biocatalytic approach to capuramycin analogues by exploiting a substrate permissive N-transacylase CapW. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3956-3962.	2.8	16

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55	Decreased exposure of atorvastatin in diabetic rats partly due to induction of hepatic Cyp3a and Oatp2. <i>Xenobiotica</i> , 2016, 46, 875-881.	1.1	17
56	Simultaneous Determination of Deoxypodophyllotoxin and Its Major Metabolites in Rat Plasma by a Sensitive LC-MS/MS Method and Its Application in a Pharmacokinetic Study. <i>Chromatographia</i> , 2016, 79, 53-61.	1.3	2
57	Complete Genome Sequence of Multidrug-Resistant <i>Citrobacter freundii</i> Strain P10159, Isolated from Urine Samples from a Patient with Esophageal Carcinoma. <i>Genome Announcements</i> , 2016, 4, .	0.8	5
58	Exogenous application of ABA mimic 1 (AM1) improves cold stress tolerance in bermudagrass ( <i>Cynodon</i> ) Tj ETQq0.0.0 rgBT /Overlock 1	2.3	39
59	Metal-free photoinduced electron transfer-atom transfer radical polymerization (PET-ATRP) via a visible light organic photocatalyst. <i>Polymer Chemistry</i> , 2016, 7, 689-700.	3.9	217
60	Hydrolysis and acidification of waste activated sludge enhanced by zero valent iron-acid pretreatment: effect of pH. <i>Desalination and Water Treatment</i> , 2016, 57, 12099-12107.	1.0	7
61	A Self-Assembled Albumin-Based Nanoprobe for In Vivo Ratiometric Photoacoustic pH Imaging. <i>Advanced Materials</i> , 2015, 27, 6820-6827.	21.0	244
62	Up-regulation of Cathepsin G in the Development of Chronic Postsurgical Pain. <i>Anesthesiology</i> , 2015, 123, 838-850.	2.5	26
63	Ataxia-telangiectasia mutated ( <i>ATM</i> ) participates in the regulation of ionizing radiation-induced cell death via MAPK14 in lung cancer H1299 cells. <i>Cell Proliferation</i> , 2015, 48, 561-572.	5.3	15
64	Conserved termini and adjacent variable region of Twortlikevirus <i>Staphylococcus</i> phages. <i>Virologica Sinica</i> , 2015, 30, 433-440.	3.0	9
65	Lactoferrin Inhibits IL-1 $\beta$ -Induced Chondrocyte Apoptosis Through AKT1-Induced CREB1 Activation. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 2456-2465.	1.6	43
66	Transcription factor-mediated reprogramming: epigenetics and therapeutic potential. <i>Immunology and Cell Biology</i> , 2015, 93, 284-289.	2.3	18
67	Global pattern for the effect of climate and land cover on water yield. <i>Nature Communications</i> , 2015, 6, 5918.	12.8	236
68	Impact of Mongolian Plateau versus Tibetan Plateau on the westerly jet over North Pacific Ocean. <i>Climate Dynamics</i> , 2015, 44, 3067-3076.	3.8	50
69	Magnetic nanomaterials with near-infrared pH-activatable fluorescence via iron-catalyzed AGET ATRP for tumor acidic microenvironment imaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2786-2800.	5.8	33
70	Hydrolysis and volatile fatty acids accumulation of waste activated sludge enhanced by the combined use of nitrite and alkaline pH. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18793-18800.	5.3	15
71	Co-administration of paroxetine increased the systemic exposure of pravastatin in diabetic rats due to the decrease in liver distribution. <i>Xenobiotica</i> , 2015, 45, 794-802.	1.1	3
72	The Biosynthesis of Capuramycin-type Antibiotics. <i>Journal of Biological Chemistry</i> , 2015, 290, 13710-13724.	3.4	28

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73	Aerobic granulation strategy for bioaugmentation of a sequencing batch reactor (SBR) treating high strength pyridine wastewater. <i>Journal of Hazardous Materials</i> , 2015, 295, 153-160.	12.4	64
74	Paroxetine decreased plasma exposure of glyburide partly via inhibiting intestinal absorption in rats. <i>Drug Metabolism and Pharmacokinetics</i> , 2015, 30, 240-246.	2.2	7
75	Enhanced pyridine biodegradation under anoxic condition: The key role of nitrate as the electron acceptor. <i>Chemical Engineering Journal</i> , 2015, 277, 140-149.	12.7	61
76	Development of an indirect ELISA, blocking ELISA, fluorescent microsphere immunoassay and fluorescent focus neutralization assay for serologic evaluation of exposure to North American strains of Porcine Epidemic Diarrhea Virus. <i>BMC Veterinary Research</i> , 2015, 11, 180.	1.9	73
77	Sleep Regulates Incubation of Cocaine Craving. <i>Journal of Neuroscience</i> , 2015, 35, 13300-13310.	3.6	49
78	Using Targeted Resequencing for Identification of Candidate Genes and SNPs for a QTL Affecting the pH Value of Chicken Meat. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2085-2089.	1.8	10
79	Self-assembly of BODIPY based pH-sensitive near-infrared polymeric micelles for drug controlled delivery and fluorescence imaging applications. <i>Nanoscale</i> , 2015, 7, 16399-16416.	5.6	54
80	Hydrogen sulfide regulates abiotic stress tolerance and biotic stress resistance in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2015, 57, 628-640.	8.5	161
81	Inhibition of AMPK/Autophagy Potentiates Parthenolide-Induced Apoptosis in Human Breast Cancer Cells. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1458-1466.	2.6	34
82	Multigeneration analysis reveals the inheritance, specificity, and patterns of CRISPR/Cas-induced gene modifications in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4632-4637.	7.1	669
83	Removal of phosphate from etching wastewater by calcined alkaline residue: Batch and column studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 1709-1716.	5.3	31
84	GM-CSF and MEF-conditioned media support feeder-free reprogramming of mouse granulocytes to iPS cells. <i>Differentiation</i> , 2014, 87, 193-199.	1.9	11
85	<i>Dt2</i> Is a Gain-of-Function MADS-Domain Factor Gene That Specifies Semideterminacy in Soybean. <i>Plant Cell</i> , 2014, 26, 2831-2842.	6.6	136
86	Modulation of auxin content in <i>Arabidopsis</i> confers improved drought stress resistance. <i>Plant Physiology and Biochemistry</i> , 2014, 82, 209-217.	5.8	231
87	Epigenetic memory in somatic cell nuclear transfer and induced pluripotency: Evidence and implications. <i>Differentiation</i> , 2014, 88, 29-32.	1.9	14
88	Prolyl Hydroxylase Inhibitors Protect from the Bone Loss in Ovariectomy Rats by Increasing Bone Vascularity. <i>Cell Biochemistry and Biophysics</i> , 2014, 69, 141-149.	1.8	36
89	A rice calcium-dependent protein kinase OsCPK9 positively regulates drought stress tolerance and spikelet fertility. <i>BMC Plant Biology</i> , 2014, 14, 133.	3.6	181
90	Preparation, characterization and adsorption properties of sodalite pellets. <i>Materials Letters</i> , 2014, 132, 259-262.	2.6	11

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91	Optimizing production of hydroxyapatite from alkaline residue for removal of Pb <sup>2+</sup> from wastewater. <i>Applied Surface Science</i> , 2014, 317, 946-954.	6.1	25
92	Improvement of femoral component size prediction using a C-arm intensifier guide and our established algorithm in unicompartmental knee arthroplasty: A report from a Chinese population. <i>Knee</i> , 2014, 21, 435-438.	1.6	8
93	Conversion of waste FGD gypsum into hydroxyapatite for removal of Pb <sup>2+</sup> and Cd <sup>2+</sup> from wastewater. <i>Journal of Colloid and Interface Science</i> , 2014, 429, 68-76.	9.4	61
94	Novel human H7N9 influenza virus in China. <i>Integrative Zoology</i> , 2014, 9, 372-375.	2.6	7
95	Performance evaluation and kinetics study of <i>Paracoccus versutus</i> and <i>Shinella granuli</i> newly isolated from pyridine-degrading aerobic granules. , 0, 81, 162-169.		2