

Xia Li

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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.

91
papers

7,537
citations

45
h-index

86
g-index

93
ext. papers

9,083
ext. citations

9.3
avg, IF

5.75
L-index

#	Paper	IF	Citations
91	The Salt Overly Sensitive (SOS) pathway: established and emerging roles. <i>Molecular Plant</i> , 2013 , 6, 275-86	14.4	359
90	Highly water-soluble, porous, and biocompatible boron nitrides for anticancer drug delivery. <i>ACS Nano</i> , 2014 , 8, 6123-30	16.7	307
89	CellMarker: a manually curated resource of cell markers in human and mouse. <i>Nucleic Acids Research</i> , 2019 , 47, D721-D728	20.1	305
88	Brain cannabinoid CB1 receptors modulate cocaine's actions in mice. <i>Nature Neuroscience</i> , 2011 , 14, 1160-5	15.5	304
87	Overexpression of SOS (Salt Overly Sensitive) genes increases salt tolerance in transgenic Arabidopsis. <i>Molecular Plant</i> , 2009 , 2, 22-31	14.4	290
86	Immunohistochemical localization of ORL-1 in the central nervous system of the rat. <i>Journal of Comparative Neurology</i> , 1996 , 368, 229-51	3.4	262
85	The CB1 receptor antagonist SR141716A selectively increases monoaminergic neurotransmission in the medial prefrontal cortex: implications for therapeutic actions. <i>British Journal of Pharmacology</i> , 2003 , 138, 544-53	8.6	225
84	Cannabinoid CB2 receptors modulate midbrain dopamine neuronal activity and dopamine-related behavior in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E5007-15	11.5	222
83	MiRNA-miRNA synergistic network: construction via co-regulating functional modules and disease miRNA topological features. <i>Nucleic Acids Research</i> , 2011 , 39, 825-36	20.1	218
82	Intra- and interstrain differences in models of "behavioral despair". <i>Pharmacology Biochemistry and Behavior</i> , 2001 , 70, 187-92	3.9	213
81	Design of magnesium alloys with controllable degradation for biomedical implants: From bulk to surface. <i>Acta Biomaterialia</i> , 2016 , 45, 2-30	10.8	203
80	Recent Progress on Fabrications and Applications of Boron Nitride Nanomaterials: A Review. <i>Journal of Materials Science and Technology</i> , 2015 , 31, 589-598	9.1	199
79	Structural Design of Lithium Sulfur Batteries: From Fundamental Research to Practical Application. <i>Electrochemical Energy Reviews</i> , 2018 , 1, 239-293	29.3	197
78	Antidepressant-like actions of an AMPA receptor potentiator (LY392098). <i>Neuropharmacology</i> , 2001 , 40, 1028-33	5.5	191
77	Promoting the Transformation of Li S to Li S: Significantly Increasing Utilization of Active Materials for High-Sulfur-Loading Li-S Batteries. <i>Advanced Materials</i> , 2019 , 31, e1901220	24	186
76	Walking the interactome to identify human miRNA-disease associations through the functional link between miRNA targets and disease genes. <i>BMC Systems Biology</i> , 2013 , 7, 101	3.5	184
75	Prioritizing candidate disease miRNAs by topological features in the miRNA target-dysregulated network: case study of prostate cancer. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 1857-66	6.1	179

74	Disruption of the cellulose synthase gene, <i>AtCesA8/IRX1</i> , enhances drought and osmotic stress tolerance in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2005 , 43, 273-83	6.9	174
73	China: the aging giant. <i>Journal of the American Geriatrics Society</i> , 2007 , 55, 1295-300	5.6	160
72	Salt modulates gravity signaling pathway to regulate growth direction of primary roots in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2008 , 146, 178-88	6.6	152
71	Auxin redistribution modulates plastic development of root system architecture under salt stress in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Physiology</i> , 2009 , 166, 1637-45	3.6	146
70	Metabotropic glutamate 5 receptor antagonism is associated with antidepressant-like effects in mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 319, 254-9	4.7	138
69	Safe and Durable High-Temperature Lithium-Sulfur Batteries via Molecular Layer Deposited Coating. <i>Nano Letters</i> , 2016 , 16, 3545-9	11.5	126
68	Biomass-directed synthesis of 20 g high-quality boron nitride nanosheets for thermoconductive polymeric composites. <i>ACS Nano</i> , 2014 , 8, 9081-8	16.7	114
67	Biomedical Applications of Functionalized ZnO Nanomaterials: from Biosensors to Bioimaging. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1500494	4.6	111
66	Current perspectives on the development of non-biogenic amine-based antidepressants. <i>Pharmacological Research</i> , 2001 , 43, 411-23	10.2	109
65	Surface functionalization of biomaterials by radical polymerization. <i>Progress in Materials Science</i> , 2016 , 83, 191-235	42.2	99
64	Enhancement of antidepressant potency by a potentiator of AMPA receptors. <i>Cellular and Molecular Neurobiology</i> , 2003 , 23, 419-30	4.6	96
63	Decreases in nestlet shredding of mice by serotonin uptake inhibitors: comparison with marble burying. <i>Life Sciences</i> , 2006 , 78, 1933-9	6.8	95
62	Species differences in cannabinoid receptor 2 and receptor responses to cocaine self-administration in mice and rats. <i>Neuropsychopharmacology</i> , 2015 , 40, 1037-51	8.7	87
61	Cannabinoid CB1 receptor antagonists attenuate cocaine's rewarding effects: experiments with self-administration and brain-stimulation reward in rats. <i>Neuropsychopharmacology</i> , 2008 , 33, 1735-45	8.7	87
60	Hollow boron nitride nanospheres as boron reservoir for prostate cancer treatment. <i>Nature Communications</i> , 2017 , 8, 13936	17.4	86
59	Tunable porous structure of metal organic framework derived carbon and the application in lithium-sulfur batteries. <i>Journal of Power Sources</i> , 2016 , 302, 174-179	8.9	81
58	Antibacterial Activity of Silver Doped Titanate Nanowires on Ti Implants. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 16584-94	9.5	80
57	SOS3 mediates lateral root development under low salt stress through regulation of auxin redistribution and maxima in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2011 , 189, 1122-1134	9.8	80

56	High-Performance Li-SeS All-Solid-State Lithium Batteries. <i>Advanced Materials</i> , 2019 , 31, e1808100	24	79
55	A therapeutic role for cannabinoid CB1 receptor antagonists in major depressive disorders. <i>Trends in Pharmacological Sciences</i> , 2005 , 26, 609-17	13.2	79
54	Boron nitride nanotubes functionalized with mesoporous silica for intracellular delivery of chemotherapy drugs. <i>Chemical Communications</i> , 2013 , 49, 7337-9	5.8	74
53	Natural SEI-Inspired Dual-Protective Layers via Atomic/Molecular Layer Deposition for Long-Life Metallic Lithium Anode. <i>Matter</i> , 2019 , 1, 1215-1231	12.7	72
52	Corrosion resistance of dicalcium phosphate dihydrate/poly(lactic-co-glycolic acid) hybrid coating on AZ31 magnesium alloy. <i>Corrosion Science</i> , 2016 , 102, 209-221	6.8	71
51	Preclinical evaluation of melanin-concentrating hormone receptor 1 antagonism for the treatment of obesity and depression. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 329, 429-38	4.7	68
50	Increased vulnerability to cocaine in mice lacking dopamine D3 receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 17675-80	11.5	62
49	Metabotropic glutamate receptor 7 modulates the rewarding effects of cocaine in rats: involvement of a ventral pallidal GABAergic mechanism. <i>Neuropsychopharmacology</i> , 2009 , 34, 1783-96	8.7	55
48	Attenuation of basal and cocaine-enhanced locomotion and nucleus accumbens dopamine in cannabinoid CB1-receptor-knockout mice. <i>Psychopharmacology</i> , 2009 , 204, 1-11	4.7	55
47	Identification of TaWD40D, a wheat WD40 repeat-containing protein that is associated with plant tolerance to abiotic stresses. <i>Plant Cell Reports</i> , 2015 , 34, 395-410	5.1	51
46	DiseaseEnhancer: a resource of human disease-associated enhancer catalog. <i>Nucleic Acids Research</i> , 2018 , 46, D78-D84	20.1	43
45	Salt-induced plasticity of root hair development is caused by ion disequilibrium in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Research</i> , 2008 , 121, 87-96	2.6	42
44	Multimodal luminescent-magnetic boron nitride nanotubes@NaGdF ₄ Eu structures for cancer therapy. <i>Chemical Communications</i> , 2014 , 50, 4371-4	5.8	41
43	Boron nitride nanotube-enhanced osteogenic differentiation of mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 323-9	3.5	39
42	Extensive ceRNA-ceRNA interaction networks mediated by miRNAs regulate development in multiple rhesus tissues. <i>Nucleic Acids Research</i> , 2016 , 44, 9438-9451	20.1	38
41	Construction and analysis of lncRNA-lncRNA synergistic networks to reveal clinically relevant lncRNAs in cancer. <i>Oncotarget</i> , 2015 , 6, 25003-16	3.3	33
40	Dissection of human MiRNA regulatory influence to subpathway. <i>Briefings in Bioinformatics</i> , 2012 , 13, 175-86	13.4	30
39	Discovering dysfunction of multiple microRNAs cooperation in disease by a conserved microRNA co-expression network. <i>PLoS ONE</i> , 2012 , 7, e32201	3.7	29

38	Methodology of China's national study on the evaluation, early recognition, and treatment of psychological problems in the elderly: the China Longitudinal Aging Study (CLAS). <i>Shanghai Archives of Psychiatry</i> , 2013 , 25, 91-8		27
37	Identification and characterization of lncRNA mediated transcriptional dysregulation dictates lncRNA roles in glioblastoma. <i>Oncotarget</i> , 2016 , 7, 45027-45041	3.3	27
36	Characterizing the network of drugs and their affected metabolic subpathways. <i>PLoS ONE</i> , 2012 , 7, e47326	3.6	26
35	mGluR5 antagonism inhibits cocaine reinforcement and relapse by elevation of extracellular glutamate in the nucleus accumbens via a CB1 receptor mechanism. <i>Scientific Reports</i> , 2018 , 8, 3686	4.9	25
34	Multi-functional nanowall arrays with unrestricted Li ⁺ transport channels and an integrated conductive network for high-area-capacity LiB batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 22958-22965	13.25	25
33	Dissection of miRNA-miRNA interaction in esophageal squamous cell carcinoma. <i>PLoS ONE</i> , 2013 , 8, e73191	3.91	24
32	Identifying dysfunctional miRNA-mRNA regulatory modules by inverse activation, cofunction, and high interconnection of target genes: a case study of glioblastoma. <i>Neuro-Oncology</i> , 2013 , 15, 818-28	1	22
31	Salt-avoidance tropism in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2008 , 3, 351-3	2.5	21
30	A global view of network of lncRNAs and their binding proteins. <i>Molecular BioSystems</i> , 2015 , 11, 656-63		19
29	Dissection of the potential characteristic of miRNA-miRNA functional synergistic regulations. <i>Molecular BioSystems</i> , 2013 , 9, 217-24		19
28	Stabilizing Sulfur Cathode in Carbonate and Ether Electrolytes: Excluding Long-Chain Lithium Polysulfide Formation and Switching Lithiation/Delithiation Route. <i>Chemistry of Materials</i> , 2019 , 31, 2002-2009	9.6	18
27	Survey of miRNA-miRNA cooperative regulation principles across cancer types. <i>Briefings in Bioinformatics</i> , 2019 , 20, 1621-1638	13.4	17
26	Suppressing Corrosion of Aluminum Foils via Highly Conductive Graphene-like Carbon Coating in High-Performance Lithium-Based Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 32826-32832	9.5	17
25	The GABA(B) receptor positive modulator BHF177 attenuated anxiety, but not conditioned fear, in rats. <i>Neuropharmacology</i> , 2015 , 97, 357-64	5.5	16
24	miRNA-miRNA crosstalk: from genomics to phenomics. <i>Briefings in Bioinformatics</i> , 2017 , 18, 1002-1011	13.4	16
23	Identification of a core miRNA-pathway regulatory network in glioma by therapeutically targeting miR-181d, miR-21, miR-23b, E-catenin, CBP, and STAT3. <i>PLoS ONE</i> , 2014 , 9, e101903	3.7	16
22	MERIT: Systematic Analysis and Characterization of Mutational Effect on RNA Interactome Topology. <i>Hepatology</i> , 2019 , 70, 532-546	11.2	16
21	Evaluation of 5-HT receptor antagonism for the treatment of anxiety, depression, and schizophrenia through the use of receptor-deficient mice. <i>Behavioural Brain Research</i> , 2019 , 360, 270-278	3.4	15

20	Immobilization and kinetic promotion of polysulfides by molybdenum carbide in lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , 2021 , 411, 128563	14.7	14
19	Negative allosteric modulation of alpha 5-containing GABA receptors engenders antidepressant-like effects and selectively prevents age-associated hyperactivity in tau-depositing mice. <i>Psychopharmacology</i> , 2018 , 235, 1151-1161	4.7	13
18	Validation of the General Practitioner Assessment of Cognition - Chinese version (GPCOG-C) in China. <i>International Psychogeriatrics</i> , 2013 , 25, 1649-57	3.4	13
17	Systematic review regulatory principles of non-coding RNAs in cardiovascular diseases. <i>Briefings in Bioinformatics</i> , 2019 , 20, 66-76	13.4	12
16	Two subunits of the exocyst, Sec3p and Exo70p, can function exclusively on the plasma membrane. <i>Molecular Biology of the Cell</i> , 2018 , 29, 736-750	3.5	11
15	Construction and analysis of dynamic transcription factor regulatory networks in the progression of glioma. <i>Scientific Reports</i> , 2015 , 5, 15953	4.9	11
14	Different polarisome components play distinct roles in Slt2p-regulated cortical ER inheritance in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2013 , 24, 3145-54	3.5	11
13	New approaches to the pharmacological management of major depressive disorder. <i>Advances in Pharmacology</i> , 2009 , 57, 347-79	5.7	11
12	KK-92A, a novel GABA receptor positive allosteric modulator, attenuates nicotine self-administration and cue-induced nicotine seeking in rats. <i>Psychopharmacology</i> , 2017 , 234, 1633-1644	4.7	10
11	Behavioral Effects of a Novel Benzofuranyl-Piperazine Serotonin-2C Receptor Agonist Suggest a Potential Therapeutic Application in the Treatment of Obsessive-Compulsive Disorder. <i>Frontiers in Psychiatry</i> , 2017 , 8, 89	5	9
10	Realizing Solid-Phase Reaction in Li ₈ Batteries via Localized High-Concentration Carbonate Electrolyte. <i>Advanced Energy Materials</i> , 2021 , 11, 2101004	21.8	9
9	Effects of 5-HT receptor antagonists on behaviors of mice that detect drugs used in the treatment of anxiety, depression, or schizophrenia. <i>Behavioural Brain Research</i> , 2019 , 359, 467-473	3.4	7
8	Dissecting the role of CB and CB receptors in cannabinoid reward versus aversion using transgenic CB- and CB-knockout mice. <i>European Neuropsychopharmacology</i> , 2021 , 43, 38-51	1.2	7
7	Regulating liquid and solid-state electrolytes for solid-phase conversion in Li ₈ batteries. <i>Chem</i> , 2022 , 8, 1201-1230	16.2	3
6	ER-phagy requires the assembly of actin at sites of contact between the cortical ER and endocytic pits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	2
5	Prioritizing Candidate Disease miRNAs by Topological Features in the miRNA-Target Dysregulated Network 2012 , 289-306		1
4	Dynamic Expression of mA Regulators During Multiple Human Tissue Development and Cancers. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 629030	5.7	1
3	Flame-Retardant and Polysulfide-Suppressed Ether-Based Electrolytes for High-Temperature Li-S Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 38296-38304	9.5	0

2 Expression of nhaA gene confers salt-sensitivity in transgenic rice cultures and plants **2015**, 1-2, 16-22

1 Computational Epigenetics for Breast Cancer **2019**, 233-246