

# Qing-Rong Liu

## List of Publications by Year in descending order

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102  
papers

9,296  
citations

41344

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39675

94  
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108  
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108  
docs citations

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times ranked

10479  
citing authors

#	ARTICLE	IF	CITATIONS
1	Repeated cocaine administration upregulates CB2 receptor expression in striatal medium-spiny neurons that express dopamine D1 receptors in mice. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 876-888.	6.1	13
2	Mitochondrial DNA in extracellular vesicles declines with age. <i>Aging Cell</i> , 2021, 20, e13283.	6.7	76
3	122-OR: Insulin and C-Peptide in Human Choroid Plexus of Type 1 Diabetes Mellitus. <i>Diabetes</i> , 2021, 70, .	0.6	0
4	Human Type II Taste Cells Express Angiotensin-Converting Enzyme 2 and Are Infected by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). <i>American Journal of Pathology</i> , 2021, 191, 1511-1519.	3.8	62
5	Novel Human Insulin Isoforms and C-Peptide Product in Islets of Langerhans and Choroid Plexus. <i>Diabetes</i> , 2021, 70, 2947-2956.	0.6	6
6	Anti-Inflammatory and Pro-Autophagy Effects of the Cannabinoid Receptor CB2R: Possibility of Modulation in Type 1 Diabetes. <i>Frontiers in Pharmacology</i> , 2021, 12, 809965.	3.5	6
7	Cell-Type Specific Deletion of CB2 Cannabinoid Receptors in Dopamine Neurons Induced Hyperactivity Phenotype: Possible Relevance to Attention-Deficit Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 803394.	2.6	6
8	Hepatocyte cannabinoid 1 receptor nullification alleviates toxin-induced liver damage via NF- $\kappa$ B signaling. <i>Cell Death and Disease</i> , 2020, 11, 1044.	6.3	12
9	Low Basal CB2R in Dopamine Neurons and Microglia Influences Cannabinoid Tetrad Effects. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9763.	4.1	17
10	1719-P: Novel Mass Spectrometry-Based Selected Reaction Monitoring Proteomics for Analysis of Low Abundant Insulin Levels in Cerebrospinal Fluid. <i>Diabetes</i> , 2020, 69, 1719-P.	0.6	1
11	CB2 receptor antibody signal specificity: correlations with the use of partial CB2-knockout mice and anti-rat CB2 receptor antibodies. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 398-409.	6.1	42
12	Involvement of CB2 Receptors in the Neurobehavioral Effects of <i>Catha Edulis</i> (Vahl) Endl. (Khat) in Mice. <i>Molecules</i> , 2019, 24, 3164.	3.8	7
13	Somatic LINE-1 retrotransposition in cortical neurons and non-brain tissues of Rett patients and healthy individuals. <i>PLoS Genetics</i> , 2019, 15, e1008043.	3.5	45
14	Neurexin 3 transmembrane and soluble isoform expression and splicing haplotype are associated with neuron inflammasome and Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 28.	6.2	27
15	Muscle cannabinoid 1 receptor regulates $\text{I}\kappa\text{B}$ and myostatin expression, governing physical performance and whole-body metabolism. <i>FASEB Journal</i> , 2019, 33, 5850-5863.	0.5	26
16	Identification of novel mouse and rat CB1R isoforms and in silico modeling of human CB1R for peripheral cannabinoid therapeutics. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 387-397.	6.1	14
17	Behavioral effects of psychostimulants in mutant mice with cell-type specific deletion of CB2 cannabinoid receptors in dopamine neurons. <i>Behavioural Brain Research</i> , 2019, 360, 286-297.	2.2	44
18	Release of insulin produced by the choroid plexus is regulated by serotonergic signaling. <i>JCI Insight</i> , 2019, 4, .	5.0	60

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19	Absence of cannabinoid 1 receptor in beta cells protects against high-fat/high-sugar diet-induced beta cell dysfunction and inflammation in murine islets. <i>Diabetologia</i> , 2018, 61, 1470-1483.	6.3	69
20	Insulin Is Transcribed and Translated in Mammalian Taste Bud Cells. <i>Endocrinology</i> , 2018, 159, 3331-3339.	2.8	18
21	Cannabinoid CB2 Receptor Gene and Environmental Interaction in the Development of Psychiatric Disorders. <i>Molecules</i> , 2018, 23, 1836.	3.8	28
22	Behavioral Evaluation of Seeking and Preference of Alcohol in Mice Subjected to Stress. <i>Bio-protocol</i> , 2018, 8, .	0.4	5
23	Expression of functional cannabinoid CB <sub>2</sub> receptor in VTA dopamine neurons in rats. <i>Addiction Biology</i> , 2017, 22, 752-765.	2.6	117
24	CB1 Receptor Activation on VgluT2-Expressing Glutamatergic Neurons Underlies $\hat{\imath}^9$ -Tetrahydrocannabinol ( $\hat{\imath}^9$ -THC)-Induced Aversive Effects in Mice. <i>Scientific Reports</i> , 2017, 7, 12315.	3.3	48
25	Cannabinoid type 2 receptors in dopamine neurons inhibits psychomotor behaviors, alters anxiety, depression and alcohol preference. <i>Scientific Reports</i> , 2017, 7, 17410.	3.3	122
26	Local Cues Establish and Maintain Region-Specific Phenotypes of Basal Ganglia Microglia. <i>Neuron</i> , 2017, 95, 341-356.e6.	8.1	325
27	Cannabinoid CB2 Receptor Mechanism of Cannabis sativa L.. , 2017, , 227-247.		2
28	Cannabinoid receptor subtype 2 (CB2R) agonist, GW405833 reduces agonist-induced Ca <sup>2+</sup> oscillations in mouse pancreatic acinar cells. <i>Scientific Reports</i> , 2016, 6, 29757.	3.3	8
29	Human CB1 Receptor Isoforms, present in Hepatocytes and $\hat{\imath}^2$ -cells, are Involved in Regulating Metabolism. <i>Scientific Reports</i> , 2016, 6, 33302.	3.3	77
30	Fluorescence Activated Cell Sorting (FACS) and Gene Expression Analysis of Fos-expressing Neurons from Fresh and Frozen Rat Brain Tissue. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	18
31	Frequency of circulating topoisomerase-I-specific CD4 T cells predicts presence and progression of interstitial lung disease in scleroderma. <i>Arthritis Research and Therapy</i> , 2016, 18, 99.	3.5	31
32	Reciprocal Inhibitory Interactions Between the Reward-Related Effects of Leptin and Cocaine. <i>Neuropsychopharmacology</i> , 2016, 41, 1024-1033.	5.4	37
33	Time-Dependent Protection of CB2 Receptor Agonist in Stroke. <i>PLoS ONE</i> , 2015, 10, e0132487.	2.5	49
34	Incubation of Methamphetamine Craving Is Associated with Selective Increases in Expression of <i>Bdnf</i> and <i>Trkb</i> , Glutamate Receptors, and Epigenetic Enzymes in Cue-Activated Fos-Expressing Dorsal Striatal Neurons. <i>Journal of Neuroscience</i> , 2015, 35, 8232-8244.	3.6	115
35	Context-Induced Reinstatement of Methamphetamine Seeking Is Associated with Unique Molecular Alterations in Fos-Expressing Dorsolateral Striatum Neurons. <i>Journal of Neuroscience</i> , 2015, 35, 5625-5639.	3.6	76
36	Species Differences in Cannabinoid Receptor 2 and Receptor Responses to Cocaine Self-Administration in Mice and Rats. <i>Neuropsychopharmacology</i> , 2015, 40, 1037-1051.	5.4	110

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37	Cannabinoid CB <sub>2</sub> receptors modulate midbrain dopamine neuronal activity and dopamine-related behavior in mice. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5007-15.	7.1	291
38	Detection of molecular alterations in methamphetamine-activated Fos-expressing neurons from a single rat dorsal striatum using fluorescence-activated cell sorting (<sc>FACS</sc>). Journal of Neurochemistry, 2014, 128, 173-185.	3.9	48
39	Human Transporter Database: Comprehensive Knowledge and Discovery Tools in the Human Transporter Genes. PLoS ONE, 2014, 9, e88883.	2.5	24
40	CNS effects of CB2 cannabinoid receptors: beyond neuro-immuno-cannabinoid activity. Journal of Psychopharmacology, 2012, 26, 92-103.	4.0	158
41	Medial Prefrontal Cortex Neuronal Activation and Synaptic Alterations after Stress-Induced Reinstatement of Palatable Food Seeking: A Study Using c-fos-GFP Transgenic Female Rats. Journal of Neuroscience, 2012, 32, 8480-8490.	3.6	60
42	Blockade of $\text{I}^2$ -cell KATP channels by the endocannabinoid, 2-arachidonoylglycerol. Biochemical and Biophysical Research Communications, 2012, 423, 13-18.	2.1	12
43	Association of time-dependent changes in mu opioid receptor mRNA, but not BDNF, TrkB, or MeCP2 mRNA and protein expression in the rat nucleus accumbens with incubation of heroin craving. Psychopharmacology, 2012, 224, 559-571.	3.1	44
44	Brain cannabinoid CB2 receptors modulate cocaine's actions in mice. Nature Neuroscience, 2011, 14, 1160-1166.	14.8	358
45	Monoamine Transporters. Progress in Molecular Biology and Translational Science, 2011, 98, 1-46.	1.7	51
46	Endogenous GDNF in ventral tegmental area and nucleus accumbens does not play a role in the incubation of heroin craving. Addiction Biology, 2011, 16, 261-272.	2.6	52
47	Localization of Prohibitin in the Nuclear Matrix and Alteration of Its Expression During Differentiation of Human Neuroblastoma SK-N-SH Cells Induced by Retinoic Acid. Cellular and Molecular Neurobiology, 2011, 31, 203-211.	3.3	19
48	Consequences of Cannabinoid and Monoaminergic System Disruption in a Mouse Model of Autism Spectrum Disorders. Current Neuropharmacology, 2011, 9, 209-214.	2.9	33
49	Identification of Novel GDNF Isoforms and cis-Antisense GDNFOS Gene and Their Regulation in Human Middle Temporal Gyrus of Alzheimer Disease*. Journal of Biological Chemistry, 2011, 286, 45093-45102.	3.4	86
50	Running is the neurogenic and neurotrophic stimulus in environmental enrichment. Learning and Memory, 2011, 18, 605-609.	1.3	315
51	Localization and Altered Expression of Nucleophosmin in the Nuclear Matrix During the Differentiation of Human Hepatocarcinoma SMMC-7721 Cells Induced by HMBA. Cancer Investigation, 2010, 28, 1004-1012.	1.3	4
52	Localization of nucleophosmin in nuclear matrix and changes in its expression during the differentiation of human neuroblastoma induced by retinoic acid. Journal of Cellular Biochemistry, 2010, 111, 67-74.	2.6	6
53	Fine Mapping of Calcineurin (PPP3CA) Gene Reveals Novel Alternative Splicing Patterns, Association of 5'UTR Trinucleotide Repeat With Addiction Vulnerability, and Differential Isoform Expression in Alzheimer's Disease. Substance Use and Misuse, 2010, 45, 1809-1826.	1.4	21
54	A Human-Specific De Novo Protein-Coding Gene Associated with Human Brain Functions. PLoS Computational Biology, 2010, 6, e1000734.	3.2	107

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55	Vulnerability to Substance Abuse. , 2010, , 201-223.		1
56	Genome-Wide Association for Nicotine Dependence and Smoking Cessation Success in NIH Research Volunteers. Molecular Medicine, 2009, 15, 21-27.	4.4	57
57	OKCAM: an ontology-based, human-centered knowledgebase for cell adhesion molecules. Nucleic Acids Research, 2009, 37, D251-D260.	14.5	19
58	Nuclear matrix protein, prohibitin, was downregulated and translocated from nucleus to cytoplasm during the differentiation of osteosarcoma MG-63 cells induced by ginsenoside Rg1, cinnamic acid, and tanshinone IIA (RCT). Journal of Cellular Biochemistry, 2009, 108, 926-934.	2.6	29
59	Species differences in cannabinoid receptor 2 ( <i>CNR2</i> gene): identification of novel human and rodent CB2 isoforms, differential tissue expression and regulation by cannabinoid receptor ligands. Genes, Brain and Behavior, 2009, 8, 519-530.	2.2	214
60	Smoking and smoking cessation in disadvantaged women: Assessing genetic contributions. Drug and Alcohol Dependence, 2009, 104, S58-S63.	3.2	12
61	Addiction Genetics and Pleiotropic Effects of Common Haplotypes that Make Polygenic Contributions to Vulnerability to Substance Dependence. Journal of Neurogenetics, 2009, 23, 272-282.	1.4	25
62	CNS Effects of CB2 Cannabinoid Receptors. The Open Neuropsychopharmacology Journal, 2009, 2, 45-52.	0.3	3
63	Genome wide association for substance dependence: convergent results from epidemiologic and research volunteer samples. BMC Medical Genetics, 2008, 9, 113.	2.1	44
64	Functional Expression of Brain Neuronal CB2 Cannabinoid Receptors Are Involved in the Effects of Drugs of Abuse and in Depression. Annals of the New York Academy of Sciences, 2008, 1139, 434-449.	3.8	171
65	Molecular Genetics of Addiction and Related Heritable Phenotypes. Annals of the New York Academy of Sciences, 2008, 1141, 318-381.	3.8	134
66	Higher order addiction molecular genetics: Convergent data from genome-wide association in humans and mice. Biochemical Pharmacology, 2008, 75, 98-111.	4.4	126
67	Anticancer effects of ginsenoside Rg1, cinnamic acid, and tanshinone IIA in osteosarcoma MG-63 cells: Nuclear matrix downregulation and cytoplasmic trafficking of nucleophosmin. International Journal of Biochemistry and Cell Biology, 2008, 40, 1918-1929.	2.8	70
68	Brain-Derived Neurotrophic Factor and Obesity in the WAGR Syndrome. New England Journal of Medicine, 2008, 359, 918-927.	27.0	299
69	Molecular Genetics of Successful Smoking Cessation. Archives of General Psychiatry, 2008, 65, 683.	12.3	227
70	Trans-natural antisense transcripts including noncoding RNAs in 10 species: implications for expression regulation. Nucleic Acids Research, 2008, 36, 4833-4844.	14.5	51
71	Genome-Wide Association for Methamphetamine Dependence. Archives of General Psychiatry, 2008, 65, 345.	12.3	130
72	NATsDB: Natural Antisense Transcripts DataBase. Nucleic Acids Research, 2007, 35, D156-D161.	14.5	54

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73	Neurexin 3 polymorphisms are associated with alcohol dependence and altered expression of specific isoforms. Human Molecular Genetics, 2007, 16, 2880-2891.	2.9	102
74	Molecular genetics of nicotine dependence and abstinence: whole genome association using 520,000 SNPs. BMC Genetics, 2007, 8, 10.	2.7	138
75	Deletion of v7-3 (SLC6A15) transporter allows assessment of its roles in synaptosomal proline uptake, leucine uptake and behaviors. Brain Research, 2007, 1183, 10-20.	2.2	24
76	Molecular Neurobiological Methods in Marijuana-Cannabinoid Research. , 2006, 123, 1-17.		7
77	Increased body weight in mice lacking mu-opioid receptors. NeuroReport, 2006, 17, 941-944.	1.2	17
78	Discovery of the Presence and Functional Expression of Cannabinoid CB2 Receptors in Brain. Annals of the New York Academy of Sciences, 2006, 1074, 514-536.	3.8	457
79	Rodent BDNF genes, novel promoters, novel splice variants, and regulation by cocaine. Brain Research, 2006, 1067, 1-12.	2.2	269
80	Cannabinoid CB2 receptors: Immunohistochemical localization in rat brain. Brain Research, 2006, 1071, 10-23.	2.2	707
81	Pooled association genome scanning for alcohol dependence using 104,268 SNPs: Validation and use to identify alcoholism vulnerability loci in unrelated individuals from the collaborative study on the genetics of alcoholism. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2006, 141B, 844-853.	1.7	140
82	Addiction molecular genetics: 639,401 SNP whole genome association identifies many cell adhesion genes. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2006, 141B, 918-925.	1.7	149
83	NrCAM in Addiction Vulnerability: Positional Cloning, Drug-Regulation, Haplotype-Specific Expression, and Altered Drug Reward in Knockout Mice. Neuropsychopharmacology, 2006, 31, 572-584.	5.4	84
84	Genome-wide in silico identification and analysis of cis natural antisense transcripts (cis-NATs) in ten species. Nucleic Acids Research, 2006, 34, 3465-3475.	14.5	155
85	Human brain derived neurotrophic factor (BDNF) genes, splicing patterns, and assessments of associations with substance abuse and Parkinson's Disease. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2005, 134B, 93-103.	1.7	192
86	Families of Protein Phosphatase 1 Modulators Activated by Protein Kinases A and C: Focus on Brain. Progress in Molecular Biology and Translational Science, 2005, 79, 371-404.	1.9	5
87	Pooled association genome scanning: Validation and use to identify addiction vulnerability loci in two samples. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11864-11869.	7.1	91
88	Mouse brain localization of the protein kinase C-enhanced phosphatase 1 inhibitor KEPI (Kinase Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1.	2.3	11
89	GBPI, a novel gastrointestinal- and brain-specific PP1-inhibitory protein, is activated by PKC and inactivated by PKA. Biochemical Journal, 2004, 377, 171-181.	3.7	29
90	KEPI, a PKC-dependent Protein Phosphatase 1 Inhibitor Regulated by Morphine. Journal of Biological Chemistry, 2002, 277, 13312-13320.	3.4	76

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91	Substance abuse vulnerability loci: converging genome scanning data. Trends in Genetics, 2002, 18, 420-425.	6.7	83
92	Effects of tachyplesin on proliferation and differentiation of human hepatocellular carcinoma SMMC-7721 cells. World Journal of Gastroenterology, 2002, 8, 1053.	3.3	34
93	Polysubstance Abuse“Vulnerability Genes: Genome Scans for Association, Using 1,004 Subjects and 1,494 Single-Nucleotide Polymorphisms. American Journal of Human Genetics, 2001, 69, 1290-1300.	6.2	242
94	[3] Cloning of genes or cDNAs encoding neurotransmitter transporters and their localization by immunocytochemistry. Methods in Enzymology, 1998, 296, 52-64.	1.0	2
95	Cloning of the Human Sodium Iodide Symporter. Biochemical and Biophysical Research Communications, 1996, 226, 339-345.	2.1	475
96	A rat brain cDNA encoding the neurotransmitter transporter with an unusual structure. FEBS Letters, 1993, 315, 114-118.	2.8	70
97	Characterization of Seven Processed Pseudogenes of Nucleophosmin/B23 in the Human Genome. DNA and Cell Biology, 1993, 12, 149-156.	1.9	18
98	A family of genes encoding neurotransmitter transporters.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 6639-6643.	7.1	118
99	Cloning and expression of a glycine transporter from mouse brain. FEBS Letters, 1992, 305, 110-114.	2.8	168
100	Cloning and expression of a cDNA encoding the transporter of taurine and beta-alanine in mouse brain.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 12145-12149.	7.1	260
101	Formation of nucleophosmin/B23 oligomers requires both the amino-and the carboxyl-terminal domains of the protein. FEBS Journal, 1991, 200, 715-721.	0.2	58
102	Identification of a long stretch of homopurine Â homopyrimidine sequence in a cluster of retroposons in the human genome. Journal of Molecular Biology, 1990, 212, 453-459.	4.2	22