

# Qing-Rong Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1666266/publications.pdf>

Version: 2024-02-01

102  
papers

9,296  
citations

41323

49  
h-index

39638

94  
g-index

108  
all docs

108  
docs citations

108  
times ranked

10479  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cannabinoid CB2 receptors: Immunohistochemical localization in rat brain. <i>Brain Research</i> , 2006, 1071, 10-23.	1.1	707
2	Cloning of the Human Sodium Iodide Symporter. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 339-345.	1.0	475
3	Discovery of the Presence and Functional Expression of Cannabinoid CB2 Receptors in Brain. <i>Annals of the New York Academy of Sciences</i> , 2006, 1074, 514-536.	1.8	457
4	Brain cannabinoid CB2 receptors modulate cocaine's actions in mice. <i>Nature Neuroscience</i> , 2011, 14, 1160-1166.	7.1	358
5	Local Cues Establish and Maintain Region-Specific Phenotypes of Basal Ganglia Microglia. <i>Neuron</i> , 2017, 95, 341-356.e6.	3.8	325
6	Running is the neurogenic and neurotrophic stimulus in environmental enrichment. <i>Learning and Memory</i> , 2011, 18, 605-609.	0.5	315
7	Brain-Derived Neurotrophic Factor and Obesity in the WAGR Syndrome. <i>New England Journal of Medicine</i> , 2008, 359, 918-927.	13.9	299
8	Cannabinoid CB <sub>2</sub> 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.	3.3	291
9	Rodent BDNF genes, novel promoters, novel splice variants, and regulation by cocaine. <i>Brain Research</i> , 2006, 1067, 1-12.	1.1	269
10	Cloning and expression of a cDNA encoding the transporter of taurine and beta-alanine in mouse brain.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 12145-12149.	3.3	260
11	Polysubstance Abuse—Vulnerability Genes: Genome Scans for Association, Using 1,004 Subjects and 1,494 Single-Nucleotide Polymorphisms. <i>American Journal of Human Genetics</i> , 2001, 69, 1290-1300.	2.6	242
12	Molecular Genetics of Successful Smoking Cessation. <i>Archives of General Psychiatry</i> , 2008, 65, 683.	13.8	227
13	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. <i>Genes, Brain and Behavior</i> , 2009, 8, 519-530.	1.1	214
14	Human brain derived neurotrophic factor (BDNF) genes, splicing patterns, and assessments of associations with substance abuse and Parkinson's Disease. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 134B, 93-103.	1.1	192
15	Functional Expression of Brain Neuronal CB2 Cannabinoid Receptors Are Involved in the Effects of Drugs of Abuse and in Depression. <i>Annals of the New York Academy of Sciences</i> , 2008, 1139, 434-449.	1.8	171
16	Cloning and expression of a glycine transporter from mouse brain. <i>FEBS Letters</i> , 1992, 305, 110-114.	1.3	168
17	CNS effects of CB2 cannabinoid receptors: beyond neuro-immuno-cannabinoid activity. <i>Journal of Psychopharmacology</i> , 2012, 26, 92-103.	2.0	158
18	Genome-wide in silico identification and analysis of cis natural antisense transcripts (cis-NATs) in ten species. <i>Nucleic Acids Research</i> , 2006, 34, 3465-3475.	6.5	155

#	ARTICLE	IF	CITATIONS
19	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.	1.1	149
20	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.	1.1	140
21	Molecular genetics of nicotine dependence and abstinence: whole genome association using 520,000 SNPs. BMC Genetics, 2007, 8, 10.	2.7	138
22	Molecular Genetics of Addiction and Related Heritable Phenotypes. Annals of the New York Academy of Sciences, 2008, 1141, 318-381.	1.8	134
23	Genome-Wide Association for Methamphetamine Dependence. Archives of General Psychiatry, 2008, 65, 345.	13.8	130
24	Higher order addiction molecular genetics: Convergent data from genome-wide association in humans and mice. Biochemical Pharmacology, 2008, 75, 98-111.	2.0	126
25	Cannabinoid type 2 receptors in dopamine neurons inhibits psychomotor behaviors, alters anxiety, depression and alcohol preference. Scientific Reports, 2017, 7, 17410.	1.6	122
26	A family of genes encoding neurotransmitter transporters.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 6639-6643.	3.3	118
27	Expression of functional cannabinoid CB <sub>2</sub> receptor in VTA dopamine neurons in rats. Addiction Biology, 2017, 22, 752-765.	1.4	117
28	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. Journal of Neuroscience, 2015, 35, 8232-8244.	1.7	115
29	Species Differences in Cannabinoid Receptor 2 and Receptor Responses to Cocaine Self-Administration in Mice and Rats. Neuropsychopharmacology, 2015, 40, 1037-1051.	2.8	110
30	A Human-Specific De Novo Protein-Coding Gene Associated with Human Brain Functions. PLoS Computational Biology, 2010, 6, e1000734.	1.5	107
31	Neurexin 3 polymorphisms are associated with alcohol dependence and altered expression of specific isoforms. Human Molecular Genetics, 2007, 16, 2880-2891.	1.4	102
32	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.	3.3	91
33	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.	1.6	86
34	NrCAM in Addiction Vulnerability: Positional Cloning, Drug-Regulation, Haplotype-Specific Expression, and Altered Drug Reward in Knockout Mice. Neuropsychopharmacology, 2006, 31, 572-584.	2.8	84
35	Substance abuse vulnerability loci: converging genome scanning data. Trends in Genetics, 2002, 18, 420-425.	2.9	83
36	Human CB1 Receptor Isoforms, present in Hepatocytes and $\beta$ -cells, are Involved in Regulating Metabolism. Scientific Reports, 2016, 6, 33302.	1.6	77

#	ARTICLE	IF	CITATIONS
37	KEPI, a PKC-dependent Protein Phosphatase 1 Inhibitor Regulated by Morphine. <i>Journal of Biological Chemistry</i> , 2002, 277, 13312-13320.	1.6	76
38	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.	1.7	76
39	Mitochondrial DNA in extracellular vesicles declines with age. <i>Aging Cell</i> , 2021, 20, e13283.	3.0	76
40	A rat brain cDNA encoding the neurotransmitter transporter with an unusual structure. <i>FEBS Letters</i> , 1993, 315, 114-118.	1.3	70
41	Anticancer effects of ginsenoside Rg1, cinnamic acid, and tanshinone IIA in osteosarcoma MG-63 cells: Nuclear matrix downregulation and cytoplasmic trafficking of nucleophosmin. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 1918-1929.	1.2	70
42	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.	2.9	69
43	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.	1.9	62
44	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. <i>Journal of Neuroscience</i> , 2012, 32, 8480-8490.	1.7	60
45	Release of insulin produced by the choroid plexis is regulated by serotonergic signaling. <i>JCI Insight</i> , 2019, 4, .	2.3	60
46	Formation of nucleophosmin/B23 oligomers requires both the amino-and the carboxyl-terminal domains of the protein. <i>FEBS Journal</i> , 1991, 200, 715-721.	0.2	58
47	Genome-Wide Association for Nicotine Dependence and Smoking Cessation Success in NIH Research Volunteers. <i>Molecular Medicine</i> , 2009, 15, 21-27.	1.9	57
48	NATsDB: Natural Antisense Transcripts DataBase. <i>Nucleic Acids Research</i> , 2007, 35, D156-D161.	6.5	54
49	Endogenous GDNF in ventral tegmental area and nucleus accumbens does not play a role in the incubation of heroin craving. <i>Addiction Biology</i> , 2011, 16, 261-272.	1.4	52
50	Trans-natural antisense transcripts including noncoding RNAs in 10 species: implications for expression regulation. <i>Nucleic Acids Research</i> , 2008, 36, 4833-4844.	6.5	51
51	Monoamine Transporters. <i>Progress in Molecular Biology and Translational Science</i> , 2011, 98, 1-46.	0.9	51
52	Time-Dependent Protection of CB2 Receptor Agonist in Stroke. <i>PLoS ONE</i> , 2015, 10, e0132487.	1.1	49
53	Detection of molecular alterations in methamphetamine-activated Fos-expressing neurons from a single rat dorsal striatum using fluorescence-activated cell sorting (FACS). <i>Journal of Neurochemistry</i> , 2014, 128, 173-185.	2.1	48
54	CB1 Receptor Activation on Vglut2-Expressing Glutamatergic Neurons Underlies $\delta^9$ -Tetrahydrocannabinol ( $\delta^9$ -THC)-Induced Aversive Effects in Mice. <i>Scientific Reports</i> , 2017, 7, 12315.	1.6	48

#	ARTICLE	IF	CITATIONS
55	Somatic LINE-1 retrotransposition in cortical neurons and non-brain tissues of Rett patients and healthy individuals. <i>PLoS Genetics</i> , 2019, 15, e1008043.	1.5	45
56	Genome wide association for substance dependence: convergent results from epidemiologic and research volunteer samples. <i>BMC Medical Genetics</i> , 2008, 9, 113.	2.1	44
57	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. <i>Psychopharmacology</i> , 2012, 224, 559-571.	1.5	44
58	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.	1.2	44
59	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.	2.8	42
60	Reciprocal Inhibitory Interactions Between the Reward-Related Effects of Leptin and Cocaine. <i>Neuropsychopharmacology</i> , 2016, 41, 1024-1033.	2.8	37
61	Effects of tachyplesin on proliferation and differentiation of human hepatocellular carcinoma SMMC-7721 cells. <i>World Journal of Gastroenterology</i> , 2002, 8, 1053.	1.4	34
62	Consequences of Cannabinoid and Monoaminergic System Disruption in a Mouse Model of Autism Spectrum Disorders. <i>Current Neuropharmacology</i> , 2011, 9, 209-214.	1.4	33
63	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.	1.6	31
64	GBPI, a novel gastrointestinal- and brain-specific PP1-inhibitory protein, is activated by PKC and inactivated by PKA. <i>Biochemical Journal</i> , 2004, 377, 171-181.	1.7	29
65	Nuclear matrix protein, prohibitin, was downregulated and translocated from nucleus to cytoplasm during the differentiation of osteosarcoma MG63 cells induced by ginsenoside Rg1, cinnamic acid, and tanshinone IIA (RCT). <i>Journal of Cellular Biochemistry</i> , 2009, 108, 926-934.	1.2	29
66	Cannabinoid CB2 Receptor Gene and Environmental Interaction in the Development of Psychiatric Disorders. <i>Molecules</i> , 2018, 23, 1836.	1.7	28
67	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.	3.0	27
68	Muscle cannabinoid 1 receptor regulates IGF1 and myostatin expression, governing physical performance and whole-body metabolism. <i>FASEB Journal</i> , 2019, 33, 5850-5863.	0.2	26
69	Addiction Genetics and Pleiotropic Effects of Common Haplotypes that Make Polygenic Contributions to Vulnerability to Substance Dependence. <i>Journal of Neurogenetics</i> , 2009, 23, 272-282.	0.6	25
70	Deletion of v7-3 (SLC6A15) transporter allows assessment of its roles in synaptosomal proline uptake, leucine uptake and behaviors. <i>Brain Research</i> , 2007, 1183, 10-20.	1.1	24
71	Human Transporter Database: Comprehensive Knowledge and Discovery Tools in the Human Transporter Genes. <i>PLoS ONE</i> , 2014, 9, e88883.	1.1	24
72	Identification of a long stretch of homopurine-homopyrimidine sequence in a cluster of retroposons in the human genome. <i>Journal of Molecular Biology</i> , 1990, 212, 453-459.	2.0	22

#	ARTICLE	IF	CITATIONS
73	Fine Mapping of Calcineurin (PPP3CA) Gene Reveals Novel Alternative Splicing Patterns, Association of 5â€™UTR Trinucleotide Repeat With Addiction Vulnerability, and Differential Isoform Expression in Alzheimer's Disease. <i>Substance Use and Misuse</i> , 2010, 45, 1809-1826.	0.7	21
74	OKCAM: an ontology-based, human-centered knowledgebase for cell adhesion molecules. <i>Nucleic Acids Research</i> , 2009, 37, D251-D260.	6.5	19
75	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. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 203-211.	1.7	19
76	Characterization of Seven Processed Pseudogenes of Nucleophosmin/B23 in the Human Genome. <i>DNA and Cell Biology</i> , 1993, 12, 149-156.	0.9	18
77	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, , .	0.2	18
78	Insulin Is Transcribed and Translated in Mammalian Taste Bud Cells. <i>Endocrinology</i> , 2018, 159, 3331-3339.	1.4	18
79	Increased body weight in mice lacking mu-opioid receptors. <i>NeuroReport</i> , 2006, 17, 941-944.	0.6	17
80	Low Basal CB2R in Dopamine Neurons and Microglia Influences Cannabinoid Tetrad Effects. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9763.	1.8	17
81	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.	2.8	14
82	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.	2.8	13
83	Smoking and smoking cessation in disadvantaged women: Assessing genetic contributions. <i>Drug and Alcohol Dependence</i> , 2009, 104, S58-S63.	1.6	12
84	Blockade of Î²-cell KATP channels by the endocannabinoid, 2-arachidonoylglycerol. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 13-18.	1.0	12
85	Hepatocyte cannabinoid 1 receptor nullification alleviates toxin-induced liver damage via NF-Î²B signaling. <i>Cell Death and Disease</i> , 2020, 11, 1044.	2.7	12
86	Mouse brain localization of the protein kinase C-enhanced phosphatase 1 inhibitor KEPI (Kinase Tj ETQq0 0 0 rgBT /Qverlock_10 Tf 50 2	1.1	11
87	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.	1.6	8
88	Molecular Neurobiological Methods in Marijuana-Cannabinoid Research. , 2006, 123, 1-17.		7
89	Involvement of CB2 Receptors in the Neurobehavioral Effects of Catha Edulis (Vahl) Endl. (Khat) in Mice. <i>Molecules</i> , 2019, 24, 3164.	1.7	7
90	Localization of nucleophosmin in nuclear matrix and changes in its expression during the differentiation of human neuroblastoma induced by retinoic acid. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 67-74.	1.2	6

#	ARTICLE	IF	CITATIONS
91	Novel Human Insulin Isoforms and C $\pm$ -Peptide Product in Islets of Langerhans and Choroid Plexus. <i>Diabetes</i> , 2021, 70, 2947-2956.	0.3	6
92	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.	1.6	6
93	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.	1.3	6
94	Families of Protein Phosphatase 1 Modulators Activated by Protein Kinases A and C: Focus on Brain. <i>Progress in Molecular Biology and Translational Science</i> , 2005, 79, 371-404.	1.9	5
95	Behavioral Evaluation of Seeking and Preference of Alcohol in Mice Subjected to Stress. <i>Bio-protocol</i> , 2018, 8, .	0.2	5
96	Localization and Altered Expression of Nucleophosmin in the Nuclear Matrix During the Differentiation of Human Hepatocarcinoma SMMC-7721 Cells Induced by HMBA. <i>Cancer Investigation</i> , 2010, 28, 1004-1012.	0.6	4
97	CNS Effects of CB2 Cannabinoid Receptors. <i>The Open Neuropsychopharmacology Journal</i> , 2009, 2, 45-52.	0.3	3
98	[3] Cloning of genes or cDNAs encoding neurotransmitter transporters and their localization by immunocytochemistry. <i>Methods in Enzymology</i> , 1998, 296, 52-64.	0.4	2
99	Cannabinoid CB2 Receptor Mechanism of Cannabis sativa L., 2017, , 227-247.		2
100	Vulnerability to Substance Abuse., 2010, , 201-223.		1
101	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.	0.3	1
102	122-OR: Insulin and C-Peptide in Human Choroid Plexus of Type 1 Diabetes Mellitus. <i>Diabetes</i> , 2021, 70, .	0.3	0