Qin Wang

List of Publications by Year in descending order

88 papers	2,890 citations	159585 30 h-index	182427 51 g-index
92 all docs	92 docs citations	92 times ranked	4588 citing authors

#	Article	IF	Citations
1	Drp1 regulates transcription of ribosomal protein genes in embryonic hearts. Journal of Cell Science, 2022, 135, .	2.0	1
2	Periodontal Infection Aggravates C1q-Mediated Microglial Activation and Synapse Pruning in Alzheimerâ€™s Mice. Frontiers in Immunology, 2022, 13, 816640.	4.8	15
3	Current and Future Biomarkers in Multiple Sclerosis. International Journal of Molecular Sciences, 2022, 23, 5877.	4.1	34
4	A peptide blocking the ADORA1-neurabin interaction is anticonvulsant and inhibits epilepsy in an Alzheimerâ€™s model. JCI Insight, 2022, 7, .	5.0	4
5	Characterization of humoral response to COVID mRNA vaccines in multiple sclerosis patients on disease modifying therapies. Vaccine, 2021, 39, 6111-6116.	3.8	39
6	Elevated sCD40L in Secondary Progressive Multiple Sclerosis in Comparison to Non-progressive Benign and Relapsing Remitting Multiple Sclerosis. Journal of Central Nervous System Disease, 2021, 13, 117957352110507.	1.9	6
7	Reductive stress promotes protein aggregation and impairs neurogenesis. Redox Biology, 2020, 37, 101739.	9.0	21
8	CHD7 regulates cardiovascular development through ATP-dependent and -independent activities. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28847-28858.	7.1	27
9	Amyloid Î² redirects norepinephrine signaling to activate the pathogenic GSK3Î²/tau cascade. Alzheimer's and Dementia, 2020, 16, e044769.	0.8	1
10	Spinophilin-deficient mice are protected from diet-induced obesity and insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E354-E362.	3.5	3
11	Î²-amyloid redirects norepinephrine signaling to activate the pathogenic GSK3Î²/tau cascade. Science Translational Medicine, 2020, 12, .	12.4	86
12	Bidirectional regulatory potentials of short-chain fatty acids and their G-protein-coupled receptors in autoimmune neuroinflammation. Scientific Reports, 2019, 9, 8837.	3.3	104
13	The in vivo specificity of synaptic GÎ² and GÎ³ subunits to the Î±2a adrenergic receptor at CNS synapses. Scientific Reports, 2019, 9, 1718.	3.3	17
14	Complex noradrenergic dysfunction in Alzheimerâ€™s disease: Low norepinephrine input is not always to blame. Brain Research, 2019, 1702, 12-16.	2.2	37
15	Alpha-2A Adrenergic Receptor. , 2018, , 290-293.		0
16	Modulation of Synaptic transmission: Quantitative analysis of GÎ²Î³ specificity to adrenergic Î±_{2a} receptor and SNARE.. FASEB Journal, 2018, 32, 557.6.	0.5	0
17	Dimethyl Fumarate Selectively Reduces Memory T Cells and Shifts the Balance between Th1/Th17 and Th2 in Multiple Sclerosis Patients. Journal of Immunology, 2017, 198, 3069-3080.	0.8	136
18	Strength of cholinergic tone dictates the polarity of dopamine D2 receptor modulation of striatal cholinergic interneuron excitability in DYT1 dystonia. Experimental Neurology, 2017, 295, 162-175.	4.1	64

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19	Diverse arrestin-recruiting and endocytic profiles of tricyclic antipsychotics acting as direct Î± 2A adrenergic receptor ligands. Neuropharmacology, 2017, 116, 38-49.	4.1	3
20	Effective Attenuation of Adenosine A1R Signaling by Neurabin Requires Oligomerization of Neurabin. Molecular Pharmacology, 2017, 92, 630-639.	2.3	2
21	Hemicholinium-3 sensitive choline transport in human T lymphocytes: Evidence for use as a proxy for brain choline transporter (CHT) capacity. Neurochemistry International, 2017, 108, 410-416.	3.8	2
22	The amyloid precursor protein modulates Î± _{2A} â€adrenergic receptor endocytosis and signaling through disrupting arrestin 3 recruitment. FASEB Journal, 2017, 31, 4434-4446.	0.5	24
23	The role of regulator of G protein signaling 4 in delta-opioid receptor-mediated behaviors. Psychopharmacology, 2017, 234, 29-39.	3.1	19
24	A pilot systematic genomic comparison of recurrence risks of hepatitis B virus-associated hepatocellular carcinoma with low- and high-degree liver fibrosis. BMC Medicine, 2017, 15, 214.	5.5	64
25	Age-dependent differential regulation of anxiety- and depression-related behaviors by neurabin and spinophilin. PLoS ONE, 2017, 12, e0180638.	2.5	10
26	Optical coherence tomography and T cell gene expression analysis in patients with benign multiple sclerosis. Neural Regeneration Research, 2017, 12, 1352.	3.0	1
27	Using HEK293T Expression System to Study Photoactive Plant Cryptochromes. Frontiers in Plant Science, 2016, 7, 940.	3.6	20
28	Sema6Dacts downstream of bone morphogenetic protein signalling to promote atrioventricular cushion development in mice. Cardiovascular Research, 2016, 112, 532-542.	3.8	20
29	Impact of non-neoplastic vs intratumoural hepatitis B viral DNA and replication on hepatocellular carcinoma recurrence. British Journal of Cancer, 2016, 115, 841-847.	6.4	12
30	Dimethyl fumarate treatment of relapsing-remitting multiple sclerosis influences B-cell subsets. Neurology: Neuroimmunology and NeuroInflammation, 2016, 3, e211.	6.0	73
31	Alpha-2A Adrenergic Receptor. , 2016, , 1-4.		1
32	Noradrenergic dysfunction in Alzheimer's disease. Frontiers in Neuroscience, 2015, 9, 220.	2.8	153
33	Spinophilin Is Indispensable for the Î±2B Adrenergic Receptor-Elicited Hypertensive Response. PLoS ONE, 2015, 10, e0135030.	2.5	0
34	Dimethyl Fumarate Protects Neural Stem/Progenitor Cells and Neurons from Oxidative Damage through Nrf2-ERK1/2 MAPK Pathway. International Journal of Molecular Sciences, 2015, 16, 13885-13907.	4.1	107
35	The Blue Light-Dependent Phosphorylation of the CCE Domain Determines the Photosensitivity of Arabidopsis CRY2. Molecular Plant, 2015, 8, 631-643.	8.3	47
36	Tau-Dependent Kv4.2 Depletion and Dendritic Hyperexcitability in a Mouse Model of Alzheimer's Disease. Journal of Neuroscience, 2015, 35, 6221-6230.	3.6	126

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37	Î±2 Adrenergic Receptor Trafficking as a Therapeutic Target in Antidepressant Drug Action. Progress in Molecular Biology and Translational Science, 2015, 132, 207-225.	1.7	15
38	Selectivity and Anti-Parkinsonâ€™s Potential of Thiadiazolidinone RGS4 Inhibitors. ACS Chemical Neuroscience, 2015, 6, 911-919.	3.5	41
39	Interferon beta (IFN-Î²) treatment exerts potential neuroprotective effects through neurotrophic factors and novel neurotensin/neurotensin high affinity receptor 1 pathway. Neural Regeneration Research, 2015, 10, 1932.	3.0	6
40	The specificity of GÎ²Î³ subunits regulating exocytosis through the adrenergic Î± 2a receptor. FASEB Journal, 2015, 29, 935.7.	0.5	0
41	Association of intratumoral regulatory T-cell accumulation in patients with hepatocellular carcinoma (HCC) with poor survival: Effect of autologous dendritic cell immunotherapy on selective reduction of regulatory T cells and survival.. Journal of Clinical Oncology, 2015, 33, e14023-e14023.	1.6	0
42	Â2A-Adrenergic Receptors Filter Parabrachial Inputs to the Bed Nucleus of the Stria Terminalis. Journal of Neuroscience, 2014, 34, 9319-9331.	3.6	26
43	The Î±<sub>2Bâ€adrenergic receptor is mutant in cortical myoclonus and epilepsy. Annals of Neurology, 2014, 75, 77-87.	5.3	42
44	Î± _{2A} adrenergic receptor promotes amyloidogenesis through disrupting APP-SorLA interaction. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17296-17301.	7.1	63
45	Critical roles of miRNA-mediated regulation of TGFÂ signalling during mouse cardiogenesis. Cardiovascular Research, 2014, 103, 258-267.	3.8	26
46	Tricyclic antidepressants exhibit variable pharmacological profiles at the Î±2A adrenergic receptor. Biochemical and Biophysical Research Communications, 2014, 451, 461-466.	2.1	10
47	Cannabinoid modulation of alpha₂ adrenergic receptor function in rodent medial prefrontal cortex. European Journal of Neuroscience, 2014, 40, 3202-3214.	2.6	30
48	CHD7 interacts with BMP R-SMADs to epigenetically regulate cardiogenesis in mice. Human Molecular Genetics, 2014, 23, 2145-2156.	2.9	48
49	Impact of Intrahepatic Hepatitis B DNA and Covalently Closed Circular DNA on Survival After Hepatectomy in HBV-Associated Hepatocellular Carcinoma Patients. Annals of Surgical Oncology, 2013, 20, 3761-3770.	1.5	17
50	Cross-talk from Î²-Adrenergic Receptors Modulates Î±2A-Adrenergic Receptor Endocytosis in Sympathetic Neurons via Protein Kinase A and Spinophilin. Journal of Biological Chemistry, 2013, 288, 29193-29205.	3.4	10
51	Negative regulation of A1Râ€mediated Akt signaling by neurabin. FASEB Journal, 2013, 27, 656.9.	0.5	0
52	Crossâ€talk between beta and alpha2 adrenergic receptors in sympathetic neurons relies on protein kinase A and spinophilin. FASEB Journal, 2013, 27, 882.2.	0.5	0
53	Neurabin Scaffolding of Adenosine Receptor and RGS4 Regulates Anti-Seizure Effect of Endogenous Adenosine. Journal of Neuroscience, 2012, 32, 2683-2695.	3.6	33
54	Î±2 adrenergic receptor dysregulation in depressive disorders: Implications for the neurobiology of depression and antidepressant therapy. Neuroscience and Biobehavioral Reviews, 2012, 36, 2214-2225.	6.1	94

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55	Noradrenergic antidepressant responses to desipramine inÂvivo are reciprocally regulated by arrestin3 and spinophilin. Neuropharmacology, 2012, 62, 2354-2362.	4.1	24
56	Desipramine selectively potentiates norepinephrine-elicited ERK1/2 activation through the Î±2A adrenergic receptor. Biochemical and Biophysical Research Communications, 2012, 420, 161-165.	2.1	16
57	Î±2-Adrenergic Receptors. , 2012, , 55-58.		2
58	Clinical prognostic variables in young patients (under 40 years) with hepatitis B virusâ€associated hepatocellular carcinoma. Journal of Digestive Diseases, 2012, 13, 214-218.	1.5	11
59	Neurabin scaffolding of adenosine receptor and RGS4 regulates antiâ€seizure effect of endogenous adenosine. FASEB Journal, 2012, 26, 838.4.	0.5	0
60	Tricyclic psychiatric medications as alpha2A adrenergic receptor ligands modulating receptor function. FASEB Journal, 2012, 26, 1045.11.	0.5	0
61	Quantitative analysis of intrahepatic hepatitis B (HBV) DNA and cccDNA and their impact on survival posthepatectomy in HBV-associated hepatocellular carcinoma (HCC) patients.. Journal of Clinical Oncology, 2012, 30, e14583-e14583.	1.6	0
62	Dicer activity in neural crest cells is essential for craniofacial organogenesis and pharyngeal arch artery morphogenesis. Mechanisms of Development, 2011, 128, 200-207.	1.7	61
63	Characterization of the novel interaction between muskelin and TBX20, a critical cardiogenic transcription factor. Biochemical and Biophysical Research Communications, 2011, 409, 338-343.	2.1	12
64	Nonâ€invasive in vivo imaging for liver tumour progression using an orthotopic hepatocellular carcinoma model in immunocompetent mice. Liver International, 2011, 31, 1200-1208.	3.9	17
65	Cell autonomous requirement of endocardial Smad4 during atrioventricular cushion development in mouse embryos. Developmental Dynamics, 2011, 240, 211-220.	1.8	17
66	Genetic Variations of Î±2-Adrenergic Receptors Illuminate the Diversity of Receptor Functions. Current Topics in Membranes, 2011, 67, 161-190.	0.9	8
67	Inactivation of <i>Bmp4 </i>from the <i>Tbx1 </i>Expression Domain Causes Abnormal Pharyngeal Arch Artery and Cardiac Outflow Tract Remodeling. Cells Tissues Organs, 2011, 193, 393-403.	2.3	7
68	The Antidepressant Desipramine Is an Arrestin-biased Ligand at the Î±2A-Adrenergic Receptor Driving Receptor Down-regulation in Vitro and in Vivo. Journal of Biological Chemistry, 2011, 286, 36063-36075.	3.4	41
69	Study of GPCRâ€“Protein Interactions Using Gel Overlay Assays and Glutathione-S-Transferase-Fusion Protein Pull-Downs. Methods in Molecular Biology, 2011, 746, 347-355.	0.9	0
70	The alpha 2A adrenergic receptor evokes activation of p70S6 kinase through G protein and transactivation of EGFR. FASEB Journal, 2011, 25, 1009.1.	0.5	0
71	Desipramine is a novel modulator of norepinephrineâ€induced signaling through the alpha2A adrenergic receptor. FASEB Journal, 2010, 24, 578.8.	0.5	0
72	Differential Modulation of Î¼- and Î´-Opioid Receptor Agonists by Endogenous RGS4 Protein in SH-SY5Y Cells. Journal of Biological Chemistry, 2009, 284, 18357-18367.	3.4	48

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73	Epitope-tagged Receptor Knock-in Mice Reveal That Differential Desensitization of Î±2-Adrenergic Responses Is because of Ligand-selective Internalization. Journal of Biological Chemistry, 2009, 284, 13233-13243.	3.4	33
74	Knockout of spinophilin, an endogenous antagonist of arrestin-dependent Î±2-adrenoceptor functions, enhances receptor-mediated antinociception yet does not eliminate sex-related differences. Behavioural Brain Research, 2009, 197, 457-461.	2.2	4
75	Imaging the immune response to monitor tumor immunotherapy. Expert Review of Vaccines, 2009, 8, 1427-1437.	4.4	10
76	Disruption of Smad4 in neural crest cells leads to mid-gestation death with pharyngeal arch, craniofacial and cardiac defects. Developmental Biology, 2008, 316, 417-430.	2.0	50
77	Protein Kinase A Phosphorylation of Spinophilin Modulates Its Interaction with the Î±2A-Adrenergic Receptor (AR) and Alters Temporal Properties of Î±2AAR Internalization. Journal of Biological Chemistry, 2008, 283, 14516-14523.	3.4	19
78	Myocardial Smad4 Is Essential for Cardiogenesis in Mouse Embryos. Circulation Research, 2007, 101, 277-285.	4.5	59
79	Regulation of Î±2AR trafficking and signaling by interacting proteins. Biochemical Pharmacology, 2007, 73, 1135-1145.	4.4	38
80	Regulation of alpha2Aâ€AR trafficking by clonidine and guanfacine in native neurons. FASEB Journal, 2007, 21, A1209.	0.5	0
81	Arrestin Serves as a Molecular Switch, Linking Endogenous Î±2-Adrenergic Receptor to SRC-dependent, but Not SRC-independent, ERK Activation. Journal of Biological Chemistry, 2006, 281, 25948-25955.	3.4	52
82	Arrestin serves as a molecular switch, linking endogenous alpha2â€adrenergic receptor to Srcâ€dependent but not Srcâ€independent ERK activation. FASEB Journal, 2006, 20, A254.	0.5	0
83	Î±2-Adrenergic Agonist Enrichment of Spinophilin at the Cell Surface Involves Î²1Î³3 Subunits of Gi Proteins and Is Preferentially Induced by the Î±2A-Subtype. Molecular Pharmacology, 2005, 67, 1690-1696.	2.3	34
84	Spinophilin Blocks Arrestin Actions in Vitro and in Vivo at G Protein-Coupled Receptors. Science, 2004, 304, 1940-1944.	12.6	148
85	MEMBRANETRAFFICKING OFG PROTEINâ€“COUPLEDRECEPTORS. Annual Review of Pharmacology and Toxicology, 2004, 44, 559-609.	9.4	194
86	Spinophilin Stabilizes Cell Surface Expression of Î±2B-Adrenergic Receptors. Journal of Biological Chemistry, 2003, 278, 32405-32412.	3.4	59
87	Regulated Interactions of the Î±2A Adrenergic Receptor with Spinophilin, 14-3-3Î¶, and Arrestin 3. Journal of Biological Chemistry, 2002, 277, 50589-50596.	3.4	66
88	Agonist-regulated Interaction between Î±2-Adrenergic Receptors and Spinophilin. Journal of Biological Chemistry, 2001, 276, 15003-15008.	3.4	114