

# Zhi-Qing David Xu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2580272/zhi-qing-david-xu-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

106  
papers

4,448  
citations

37  
h-index

64  
g-index

109  
ext. papers

4,864  
ext. citations

5.5  
avg, IF

4.76  
L-index

#	Paper	IF	Citations
106	Involvement of Scratch2 in GalR1-mediated depression-like behaviors in the rat ventral periaqueductal gray. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	1
105	Update on GPCR-based targets for the development of novel antidepressants. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	5
104	Quality of life after thoracic sympathectomy for palmar hyperhidrosis: a meta-analysis. <i>General Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 68, 746-753	1.6	1
103	A preliminary study on DRGs and spinal cord of a galanin receptor 2-EGFP transgenic mouse. <i>Neuropeptides</i> , <b>2020</b> , 79, 102000	3.3	2
102	Disruptive variants of associate with autism and interfere with neuronal development and synaptic transmission. <i>Science Advances</i> , <b>2019</b> , 5, eaax2166	14.3	16
101	Galanin Protects Rat Cortical Astrocyte from Oxidative Stress: Involvement of GalR2 and pERK1/2 Signal Pathway. <i>Mediators of Inflammation</i> , <b>2019</b> , 2019, 2716028	4.3	4
100	NPY Receptor 2 Mediates NPY Antidepressant Effect in the mPFC of LPS Rat by Suppressing NLRP3 Signaling Pathway. <i>Mediators of Inflammation</i> , <b>2019</b> , 2019, 7898095	4.3	11
99	Virus-Mediated Overexpression of ETS-1 in the Ventral Hippocampus Counteracts Depression-Like Behaviors in Rats. <i>Neuroscience Bulletin</i> , <b>2019</b> , 35, 1035-1044	4.3	8
98	Pathophysiology of and therapeutic options for a GABRA1 variant linked to epileptic encephalopathy. <i>Molecular Brain</i> , <b>2019</b> , 12, 92	4.5	4
97	Injection of oxytocin into paraventricular nucleus reverses depressive-like behaviors in the postpartum depression rat model. <i>Behavioural Brain Research</i> , <b>2018</b> , 336, 236-243	3.4	29
96	Within-subject test-retest reliability of the atlas-based cortical volume measurement in the rat brain: A voxel-based morphometry study. <i>Journal of Neuroscience Methods</i> , <b>2018</b> , 307, 46-52	3	4
95	Neuropeptide and Small Transmitter Coexistence: Fundamental Studies and Relevance to Mental Illness. <i>Frontiers in Neural Circuits</i> , <b>2018</b> , 12, 106	3.5	53
94	Inhibition of GALR1 in PFC Alleviates Depressive-Like Behaviors in Postpartum Depression Rat Model by Upregulating CREB-BDNF and 5-HT Levels. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 588	5	8
93	Neurotransmitters and Receptors Changes in Medial Nucleus of the Trapezoid Body (MNTB) of Early-Developmental Rats with Single-Side Deafness. <i>Medical Science Monitor</i> , <b>2018</b> , 24, 397-404	3.2	2
92	Downregulation of adult and neonatal Nav1.5 in the dorsal root ganglia and axon of peripheral sensory neurons of rats with spared nerve injury. <i>International Journal of Molecular Medicine</i> , <b>2018</b> , 41, 2225-2232	4.4	5
91	Dopaminergic precursors differentiated from human blood-derived induced neural stem cells improve symptoms of a mouse Parkinson's disease model. <i>Theranostics</i> , <b>2018</b> , 8, 4679-4694	12.1	12
90	Activation of galanin receptor 1 inhibits locus coeruleus neurons via GIRK channels. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 503, 79-85	3.4	10

89	Characterization of the Rat GAL2R Promoter: Positive Role of ETS-1 in Regulation of the Rat GAL2R Gene in PC12 Cells. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 4421-4431	6.2	4
88	MicroRNA-15b-5p targets ERK1 to regulate proliferation and apoptosis in rat PC12 cells. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 92, 1023-1029	7.5	16
87	Galanin suppresses proliferation of human U251 and T98G glioma cells via its subtype 1 receptor. <i>Biological Chemistry</i> , <b>2017</b> , 398, 1127-1139	4.5	2
86	Multiple Nav1.5 isoforms are functionally expressed in the brain and present distinct expression patterns compared with cardiac Nav1.5. <i>Molecular Medicine Reports</i> , <b>2017</b> , 16, 719-729	2.9	5
85	Pokemon decreases the transcriptional activity of RAR $\alpha$ in the absence of ligand. <i>Biological Chemistry</i> , <b>2017</b> , 398, 331-340	4.5	2
84	Galanin Protects from Caspase-8/12-initiated Neuronal Apoptosis in the Ischemic Mouse Brain via GalR1 <b>2017</b> , 8, 85-100		17
83	Depression-like behavior in rat: Involvement of galanin receptor subtype 1 in the ventral periaqueductal gray. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E4726-35	11.5	31
82	Resveratrol Represses Pokemon Expression in Human Glioma Cells. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 1266-1278	6.2	7
81	Analysis of Altered Micro RNA Expression Profiles in Focal Cortical Dysplasia IIB. <i>Journal of Child Neurology</i> , <b>2016</b> , 31, 613-20	2.5	4
80	Conversion of adult human peripheral blood mononuclear cells into induced neural stem cell by using episomal vectors. <i>Stem Cell Research</i> , <b>2016</b> , 16, 236-42	1.6	24
79	Altered expression of neuropeptide Y receptors caused by focal cortical dysplasia in human intractable epilepsy. <i>Oncotarget</i> , <b>2016</b> , 7, 15329-38	3.3	6
78	Quercetin inhibits angiogenesis through thrombospondin-1 upregulation to antagonize human prostate cancer PC-3 cell growth in vitro and in vivo. <i>Oncology Reports</i> , <b>2016</b> , 35, 1602-10	3.5	36
77	Differentiation of human induced pluripotent stem cells to mature functional Purkinje neurons. <i>Scientific Reports</i> , <b>2015</b> , 5, 9232	4.9	59
76	The coupling interface and pore domain codetermine the single-channel activity of the $\alpha$ 7 nicotinic receptor. <i>Neuropharmacology</i> , <b>2015</b> , 95, 448-58	5.5	10
75	Pokemon (FBI-1) interacts with Smad4 to repress TGF- $\beta$ -induced transcriptional responses. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2015</b> , 1849, 270-81	6	22
74	$\beta$ Synuclein-induced internalization of NMDA receptors in hippocampal neurons is associated with reduced inward current and Ca(2+) influx upon NMDA stimulation. <i>Neuroscience</i> , <b>2015</b> , 300, 297-306	3.9	21
73	Quercetin in prostate cancer: Chemotherapeutic and chemopreventive effects, mechanisms and clinical application potential (Review). <i>Oncology Reports</i> , <b>2015</b> , 33, 2659-68	3.5	52
72	Combination of Quercetin and 2-Methoxyestradiol Enhances Inhibition of Human Prostate Cancer LNCaP and PC-3 Cells Xenograft Tumor Growth. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128277	3.7	36

71	Activation of galanin receptor 2 stimulates large conductance Ca(2+)-dependent K(+) (BK) channels through the IP3 pathway in human embryonic kidney (HEK293) cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 446, 316-21	3.4	7
70	Plasma galanin is a biomarker for severity of major depressive disorder. <i>International Journal of Psychiatry in Medicine</i> , <b>2014</b> , 48, 109-19	1	15
69	A lifespan observation of a novel mouse model: in vivo evidence supports a $\alpha$ 1 ligomer hypothesis. <i>PLoS ONE</i> , <b>2014</b> , 9, e85885	3.7	25
68	Effect of cocaine on ion channels and glutamatergic EPSCs in noradrenergic locus coeruleus neurons. <i>Journal of Molecular Neuroscience</i> , <b>2014</b> , 53, 345-51	3.3	4
67	Expression of pituitary tumor transforming gene (PTTG) in human pituitary macroadenomas. <i>Tumor Biology</i> , <b>2013</b> , 34, 1559-67	2.9	16
66	Tetramethylpyrazine attenuates atherosclerosis development and protects endothelial cells from ox-LDL. <i>Cardiovascular Drugs and Therapy</i> , <b>2013</b> , 27, 199-210	3.9	42
65	Lack of association between dendritic cell nuclear protein-1 gene and major depressive disorder in the Han Chinese population. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2013</b> , 45, 7-10	5.5	0
64	Classical Neurotransmitters and Neuropeptides <b>2013</b> , 1835-1841		1
63	Expression and function of vascular endothelial growth inhibitor in aged porcine bladder detrusor muscle cells. <i>Biogerontology</i> , <b>2013</b> , 14, 543-56	4.5	1
62	A neuropeptide Y variant (rs16139) associated with major depressive disorder in replicate samples from Chinese Han population. <i>PLoS ONE</i> , <b>2013</b> , 8, e57042	3.7	15
61	Association of galanin and major depressive disorder in the Chinese Han population. <i>PLoS ONE</i> , <b>2013</b> , 8, e64617	3.7	10
60	Physiology of quantal norepinephrine release from somatodendritic sites of neurons in locus coeruleus. <i>Frontiers in Molecular Neuroscience</i> , <b>2012</b> , 5, 29	6.1	23
59	Involvement of TL1A and DR3 in induction of ischaemia and inflammation in urinary bladder dysfunction in the elderly. <i>Molecular Medicine Reports</i> , <b>2012</b> , 6, 434-8	2.9	11
58	Galanin receptor 2 overexpressing mice display an antidepressive-like phenotype: possible involvement of the subiculum. <i>Neuroscience</i> , <b>2011</b> , 190, 270-88	3.9	25
57	TrkB signaling in parvalbumin-positive interneurons is critical for gamma-band network synchronization in hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 17201-6	11.5	63
56	Electrophysiology. <i>Methods in Molecular Biology</i> , <b>2011</b> , 789, 181-9	1.4	2
55	Intranasal administration of nerve growth factor produces antidepressant-like effects in animals. <i>Neurochemical Research</i> , <b>2010</b> , 35, 1302-14	4.6	29
54	Chemical neuroanatomy of the dorsal raphe nucleus and adjacent structures of the mouse brain. <i>Journal of Comparative Neurology</i> , <b>2010</b> , 518, 3464-94	3.4	120

53	Dendritic synthesis and release of the neuropeptide galanin: morphological evidence from studies on rat locus coeruleus neurons. <i>Journal of Comparative Neurology</i> , <b>2009</b> , 516, 199-212	3.4	25
52	Phospholipase C[ $\beta$ ] <sub>3</sub> in mouse and human dorsal root ganglia and spinal cord is a possible target for treatment of neuropathic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 20004-8	11.5	40
51	Galanin decreases proliferation of PC12 cells and induces apoptosis via its subtype 2 receptor (GalR2). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 2717-22	11.5	31
50	Postendocytotic traffic of the galanin R1 receptor: a lysosomal signal motif on the cytoplasmic terminus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 5609-13	11.5	14
49	Regulation of G protein-coupled receptor trafficking. <i>Acta Physiologica</i> , <b>2007</b> , 190, 39-45	5.6	21
48	Long latency of evoked quantal transmitter release from somata of locus coeruleus neurons in rat pontine slices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 1401-6	11.5	60
47	Constitutive and ligand-induced internalization of EGFP-tagged galanin R2 and R1 receptors in PC12 cells. <i>Neuropeptides</i> , <b>2005</b> , 39, 173-8	3.3	8
46	Electrophysiological studies on galanin effects in brain--progress during the last six years. <i>Neuropeptides</i> , <b>2005</b> , 39, 269-75	3.3	38
45	Age-related impairments of synaptic plasticity in the lateral perforant path input to the dentate gyrus of galanin overexpressing mice. <i>Neuropeptides</i> , <b>2005</b> , 39, 259-67	3.3	5
44	A Galanin Receptor Subtype 1 Specific Agonist. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2005</b> , 11, 17-27	2.1	39
43	Galanin, A New Candidate for Somato-Dendritic Release <b>2005</b> , 239-256		
42	Anxiolytic- and antidepressant-like profiles of the galanin-3 receptor (Gal3) antagonists SNAP 37889 and SNAP 398299. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 17489-94	11.5	151
41	Visualization of a functionally enhanced GFP-tagged galanin R2 receptor in PC12 cells: constitutive and ligand-induced internalization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 15207-12	11.5	43
40	Labeling and dynamic imaging of synaptic vesicle-like microvesicles in PC12 cells using TIRFM. <i>Brain Research</i> , <b>2004</b> , 997, 159-64	3.7	11
39	Activation of delta opioid receptors induces receptor insertion and neuropeptide secretion. <i>Neuron</i> , <b>2003</b> , 37, 121-33	13.9	148
38	Galanin overexpressing transgenic mice. <i>Neuropeptides</i> , <b>2002</b> , 36, 145-56	3.3	47
37	Expression of the neuropeptide Y Y1 receptor in the CNS of rat and of wild-type and Y1 receptor knock-out mice. Focus on immunohistochemical localization. <i>Neuroscience</i> , <b>2002</b> , 111, 443-532	3.9	164
36	Dopamine D(2) receptors regulate tyrosine hydroxylase activity and phosphorylation at Ser40 in rat striatum. <i>European Journal of Neuroscience</i> , <b>2001</b> , 13, 773-80	3.5	92

35	Effects of galanin receptor agonists on locus coeruleus neurons. <i>Brain Research</i> , <b>2001</b> , 919, 169-74	3.7	68
34	Suppressed kindling epileptogenesis in mice with ectopic overexpression of galanin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 14006-11	11.5	97
33	Effect of peripheral nerve injury on dorsal root ganglion neurons in the C57 BL/6J mouse: marked changes both in cell numbers and neuropeptide expression. <i>Neuroscience</i> , <b>2001</b> , 105, 249-63	3.9	79
32	Galanin enhances noradrenaline-induced outward current on locus coeruleus noradrenergic neurons. <i>NeuroReport</i> , <b>2001</b> , 12, 1779-82	1.7	29
31	Regulation of tyrosine hydroxylase activity and phosphorylation at Ser(19) and Ser(40) via activation of glutamate NMDA receptors in rat striatum. <i>Journal of Neurochemistry</i> , <b>2000</b> , 74, 2470-7	6	50
30	Neuropeptides--an overview. <i>Neuropharmacology</i> , <b>2000</b> , 39, 1337-56	5.5	45 <sup>8</sup>
29	Galanin and NPY, two peptides with multiple putative roles in the nervous system. <i>Hormone and Metabolic Research</i> , <b>1999</b> , 31, 330-4	3.1	63
28	Electrophysiological evidence for a hyperpolarizing, galanin (1-15)-selective receptor on hippocampal CA3 pyramidal neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 14583-7	11.5	30
27	Galanin in ascending systems. Focus on coexistence with 5-hydroxytryptamine and noradrenaline. <i>Annals of the New York Academy of Sciences</i> , <b>1998</b> , 863, 252-63	6.5	86
26	Electrophysiologic effects of galanin on neurons of the central nervous system. <i>Annals of the New York Academy of Sciences</i> , <b>1998</b> , 863, 264-73	6.5	24
25	Regulation of expression of galanin and galanin receptors in dorsal root ganglia and spinal cord after axotomy and inflammation. <i>Annals of the New York Academy of Sciences</i> , <b>1998</b> , 863, 402-13	6.5	83
24	Effects of three galanin analogs on the outward current evoked by galanin in locus coeruleus. <i>Annals of the New York Academy of Sciences</i> , <b>1998</b> , 863, 459-65	6.5	18
23	Galanin/GMAP- and NPY-like immunoreactivities in locus coeruleus and noradrenergic nerve terminals in the hippocampal formation and cortex with notes on the galanin-R1 and -R2 receptors. <i>Journal of Comparative Neurology</i> , <b>1998</b> , 392, 227-51	3.4	139
22	The NO-cGMP pathway in the rat locus coeruleus: electrophysiological, immunohistochemical and in situ hybridization studies. <i>European Journal of Neuroscience</i> , <b>1998</b> , 10, 3508-16	3.5	30
21	Neuropeptide Y: some viewpoints on a multifaceted peptide in the normal and diseased nervous system. <i>Brain Research Reviews</i> , <b>1998</b> , 26, 154-66		97
20	Effect of peripheral nerve injury on cGMP and nitric oxide synthase levels in rat dorsal root ganglia: time course and coexistence. <i>Pain</i> , <b>1998</b> , 78, 171-180	8	37
19	Galanin-5-hydroxytryptamine interactions: electrophysiological, immunohistochemical and in situ hybridization studies on rat dorsal raphe neurons with a note on galanin R1 and R2 receptors. <i>Neuroscience</i> , <b>1998</b> , 87, 79-94	3.9	106
18	Expression of galanin and nitric oxide synthase in subpopulations of serotonin neurons of the rat dorsal raphe nucleus. <i>Journal of Chemical Neuroanatomy</i> , <b>1997</b> , 13, 169-87	3.2	85

17	Expression and regulation of galanin-R2 receptors in rat primary sensory neurons: effect of axotomy and inflammation. <i>Neuroscience Letters</i> , <b>1997</b> , 237, 57-60	3.3	88
16	Nitric oxide synthase and cGMP in the anterior pituitary gland: effect of a GnRH antagonist and nitric oxide donors. <i>Neuroendocrinology</i> , <b>1997</b> , 65, 147-56	5.6	28
15	Localization of neuropeptide Y Y1 receptors in cerebral blood vessels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 12661-6	11.5	33
14	Electrophysiological studies on rat dorsal root ganglion neurons after peripheral axotomy: changes in responses to neuropeptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 13262-6	11.5	34
13	On the release of glutamate and aspartate in the basal ganglia of the rat: interactions with monoamines and neuropeptides. <i>Neuroscience and Biobehavioral Reviews</i> , <b>1997</b> , 21, 489-95	9	22
12	Peripheral axotomy induces increased expression of neurotensin in large neurons in rat lumbar dorsal root ganglia. <i>Neuroscience Research</i> , <b>1996</b> , 25, 359-69	2.9	13
11	Evidence for aspartate-immunoreactive neurons in the neostriatum of the rat: modulation by the mesencephalic dopamine pathway via D1-subtype of receptor. <i>Neuroscience</i> , <b>1996</b> , 74, 51-66	3.9	29
10	Evidence for galanin receptors in primary sensory neurones and effect of axotomy and inflammation. <i>NeuroReport</i> , <b>1996</b> , 8, 237-42	1.7	91
9	Expression of galanin and a galanin receptor in several sensory systems and bone anlage of rat embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 14901-5	11.5	67
8	Ca <sup>2+</sup> /calmodulin-dependent protein kinase type IV in dorsal root ganglion: colocalization with peptides, axonal transport and effect of axotomy. <i>Brain Research</i> , <b>1996</b> , 721, 167-73	3.7	14
7	Influence of leukemia inhibitory factor on galanin/GMAP and neuropeptide Y expression in mouse primary sensory neurons after axotomy. <i>Experimental Brain Research</i> , <b>1996</b> , 112, 79-88	2.3	120
6	Complementary distribution of receptors for neurotensin and NPY in small neurons in rat lumbar DRGs and regulation of the receptors and peptides after peripheral axotomy. <i>Journal of Neuroscience</i> , <b>1995</b> , 15, 2733-47	6.6	51
5	Galanin induces a hyperpolarization of norepinephrine-containing locus coeruleus neurons in the brainstem slice. <i>Neuroscience</i> , <b>1995</b> , 64, 861-74	3.9	152
4	Localization of choline acetyltransferase in rat peripheral sympathetic neurons and its coexistence with nitric oxide synthase and neuropeptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1995</b> , 92, 11819-23	11.5	69
3	Dorsal column inhibition of nociceptive thalamic cells mediated by gamma-aminobutyric acid mechanisms in the cat. <i>Acta Physiologica Scandinavica</i> , <b>1994</b> , 152, 239-47		14
2	Plasticity of NO synthase expression in the nervous and endocrine systems. <i>Neuropharmacology</i> , <b>1994</b> , 33, 1221-7	5.5	44
1	Localization of neuropeptide Y Y1 receptors in the rat nervous system with special reference to somatic receptors on small dorsal root ganglion neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1994</b> , 91, 11738-42	11.5	124