

# Fumihito Saitow

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5089016/publications.pdf>

Version: 2024-02-01

41  
papers

1,142  
citations

394286

19  
h-index

395590

33  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1440  
citing authors

#	ARTICLE	IF	CITATIONS
1	miR-7a alleviates the maintenance of neuropathic pain through regulation of neuronal excitability. <i>Brain</i> , 2013, 136, 2738-2750.	3.7	124
2	Synaptic activation of AMPA receptors inhibits GABA release from cerebellar interneurons. <i>Nature Neuroscience</i> , 2000, 3, 551-558.	7.1	119
3	MicroRNA cluster miR-17-92 regulates multiple functionally related voltage-gated potassium channels in chronic neuropathic pain. <i>Nature Communications</i> , 2017, 8, 16079.	5.8	90
4	Serotonin rebalances cortical tuning and behavior linked to autism symptoms in 15q11-13 CNV mice. <i>Science Advances</i> , 2017, 3, e1603001.	4.7	64
5	GABAB receptor-mediated presynaptic inhibition of glutamatergic and GABAergic transmission in the basolateral amygdala. <i>Neuropharmacology</i> , 1999, 38, 1743-1753.	2.0	63
6	$\hat{\imath}^2$ -Adrenergic Receptor-Mediated Presynaptic Facilitation of Inhibitory GABAergic Transmission at Cerebellar Interneuron-Purkinje Cell Synapses. <i>Journal of Neurophysiology</i> , 2000, 84, 2016-2025.	0.9	62
7	Disease-specific monoclonal antibodies targeting glutamate decarboxylase impair GABAergic neurotransmission and affect motor learning and behavioral functions. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 78.	1.0	59
8	Excitability Increase Induced by $\hat{\imath}^2$ -Adrenergic Receptor-Mediated Activation of Hyperpolarization-Activated Cation Channels in Rat Cerebellar Basket Cells. <i>Journal of Neurophysiology</i> , 2000, 84, 2026-2034.	0.9	53
9	AMPA receptor-mediated presynaptic inhibition at cerebellar GABAergic synapses: a characterization of molecular mechanisms. <i>European Journal of Neuroscience</i> , 2004, 19, 2464-2474.	1.2	51
10	Metabotropic P2Y Purinoceptor-Mediated Presynaptic and Postsynaptic Enhancement of Cerebellar GABAergic Transmission. <i>Journal of Neuroscience</i> , 2005, 25, 2108-2116.	1.7	44
11	Modulation of Presynaptic Ca <sup>2+</sup> Entry by AMPA Receptors at Individual GABAergic Synapses in the Cerebellum. <i>Journal of Neuroscience</i> , 2005, 25, 4930-4940.	1.7	43
12	Electrophysiological and pharmacological properties of GABAergic cells in the dorsal raphe nucleus. <i>Journal of Physiological Sciences</i> , 2013, 63, 147-154.	0.9	39
13	Cerebellar Globular Cells Receive Monoaminergic Excitation and Monosynaptic Inhibition from Purkinje Cells. <i>PLoS ONE</i> , 2012, 7, e29663.	1.1	37
14	Modulatory Effects of Serotonin on GABAergic Synaptic Transmission and Membrane Properties in the Deep Cerebellar Nuclei. <i>Journal of Neurophysiology</i> , 2009, 101, 1361-1374.	0.9	34
15	Ant1 mutant mice bridge the mitochondrial and serotonergic dysfunctions in bipolar disorder. <i>Molecular Psychiatry</i> , 2018, 23, 2039-2049.	4.1	33
16	Shp2 in Forebrain Neurons Regulates Synaptic Plasticity, Locomotion, and Memory Formation in Mice. <i>Molecular and Cellular Biology</i> , 2015, 35, 1557-1572.	1.1	32
17	$\hat{\imath}^2$ -Adrenoceptor-mediated long-term up-regulation of the release machinery at rat cerebellar GABAergic synapses. <i>Journal of Physiology</i> , 2005, 565, 487-502.	1.3	28
18	Distribution and pharmacological characterization of primate NK-1 and NK-3 tachykinin receptors in the central nervous system of the rhesus monkey. <i>British Journal of Pharmacology</i> , 2006, 147, 316-323.	2.7	28

#	ARTICLE	IF	CITATIONS
19	Modulatory effects of serotonin on glutamatergic synaptic transmission and long-term depression in the deep cerebellar nuclei. <i>Neuroscience</i> , 2011, 172, 118-128.	1.1	25
20	The Photodynamic Action of Methylene Blue on the Ion Channels of Paramecium Causes Cell Damage. <i>Photochemistry and Photobiology</i> , 1997, 65, 902-907.	1.3	14
21	Change in serotonergic modulation contributes to the synaptic imbalance of neuronal circuit at the prefrontal cortex in the 15q11-13 duplication mouse model of autism. <i>Neuropharmacology</i> , 2020, 165, 107931.	2.0	13
22	A calcium-activated, large conductance and non-selective cation channel in Paramecium cell. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1327, 52-60.	1.4	11
23	Depolarization-induced depression of inhibitory transmission in cerebellar Purkinje cells. <i>Physiological Reports</i> , 2013, 1, e00061.	0.7	10
24	Photodynamic Action of Methylene Blue on the Paramecium Membrane. <i>Photochemistry and Photobiology</i> , 1996, 63, 868-873.	1.3	9
25	Developmental Changes in Serotonergic Modulation of GABAergic Synaptic Transmission and Postsynaptic GABAA Receptor Composition in the Cerebellar Nuclei. <i>Cerebellum</i> , 2018, 17, 346-358.	1.4	9
26	Presynaptic dysfunction caused by cerebrospinal fluid from a patient with the ataxic form of Hashimoto's encephalopathy. <i>Neurology and Clinical Neuroscience</i> , 2014, 2, 104-108.	0.2	8
27	Downregulation of Dopamine D1-like Receptor Pathways of GABAergic Interneurons in the Anterior Cingulate Cortex of Spontaneously Hypertensive Rats. <i>Neuroscience</i> , 2018, 394, 267-285.	1.1	8
28	Genetic dissection identifies Necdin as a driver gene in a mouse model of paternal 15q duplications. <i>Nature Communications</i> , 2021, 12, 4056.	5.8	8
29	Differential Modulation of GABAA Receptors Underlies Postsynaptic Depolarization- and Purinoceptor-Mediated Enhancement of Cerebellar Inhibitory Transmission: A Non-Stationary Fluctuation Analysis Study. <i>PLoS ONE</i> , 2016, 11, e0150636.	1.1	6
30	Upregulated 5-HT1A receptor-mediated currents in the prefrontal cortex layer 5 neurons in the 15q11-13 duplication mouse model of autism. <i>Molecular Brain</i> , 2020, 13, 115.	1.3	5
31	Cesarean section delivery is a risk factor of autism-related behaviors in mice. <i>Scientific Reports</i> , 2021, 11, 8883.	1.6	5
32	Reversible differentiation of immortalized human bladder smooth muscle cells accompanied by actin bundle reorganization. <i>PLoS ONE</i> , 2017, 12, e0186584.	1.1	5
33	Serotonin and Synaptic Transmission in the Cerebellum. , 2013, , 915-926.		2
34	Mitochondrial dysfunction causes hyperexcitability of serotonergic neurons. <i>Molecular Psychiatry</i> , 2018, 23, 1971-1971.	4.1	1
35	1P-200 Monoaminergic cross-talk action at the mossy fiber-deep cerebellar nuclei synapses(Biol & Artifi Tj ETQq1 1 0.784314 rgBT /Ove Butsuri, 2009, 49, S93-S94.	0.0	0
36	GABAergic Synaptic Transmission in the Cerebellar Cortex. <i>Nihon Ika Daigaku Igakkai Zasshi</i> , 2007, 3, 56-57.	0.0	0

#	ARTICLE	IF	CITATIONS
37	Modulation of Cerebellar GABAergic Synaptic Transmission. Nihon Ika Daigaku Igakkai Zasshi, 2009, 5, 152-158.	0.0	0
38	Roles of 5-HT <sub>1A</sub> receptor in pathophysiological state of neuronal circuit at the prefrontal cortex in 15q11-13 duplication autism model mice. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-1-78.	0.0	0
39	Role of miR-17-92 in the functional changes of primary sensory neurons following nerve injury. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-2-20.	0.0	0
40	Serotonin and Synaptic Transmission in the Cerebellum. , 2019, , 1-14.		0
41	Serotonin and Synaptic Transmission in the Cerebellum. , 2022, , 991-1004.		0