

Mitsuyuki Matsumoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2956142/publications.pdf>

Version: 2024-02-01

62
papers

5,339
citations

136885

32
h-index

123376

61
g-index

65
all docs

65
docs citations

65
times ranked

7901
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Analysis of Genetic Variation in Catechol-O-Methyltransferase (COMT): Effects on mRNA, Protein, and Enzyme Activity in Postmortem Human Brain. <i>American Journal of Human Genetics</i> , 2004, 75, 807-821.	2.6	1,495
2	Human Dysbindin (DTNBP1) Gene Expression in Normal Brain and in Schizophrenic Prefrontal Cortex and Midbrain. <i>Archives of General Psychiatry</i> , 2004, 61, 544.	13.8	331
3	Lysophosphatidylcholine enhances glucose-dependent insulin secretion via an orphan G-protein-coupled receptor. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 744-751.	1.0	322
4	Abnormal development of the olfactory bulb and reproductive system in mice lacking prokineticin receptor PKR2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4140-4145.	3.3	241
5	The Molecular Characterization and Tissue Distribution of the Human Cysteinyl Leukotriene CysLT2 Receptor. <i>Biochemical and Biophysical Research Communications</i> , 2000, 274, 316-322.	1.0	178
6	Expression of DISC1 binding partners is reduced in schizophrenia and associated with DISC1 SNPs. <i>Human Molecular Genetics</i> , 2006, 15, 1245-1258.	1.4	154
7	Deficiency of Schnurri-2, an MHC Enhancer Binding Protein, Induces Mild Chronic Inflammation in the Brain and Confers Molecular, Neuronal, and Behavioral Phenotypes Related to Schizophrenia. <i>Neuropsychopharmacology</i> , 2013, 38, 1409-1425.	2.8	143
8	Full-length cDNA cloning and distribution of human dopamine D4 receptor. <i>Molecular Brain Research</i> , 1995, 29, 157-162.	2.5	135
9	Inactivation of a Novel Neuropeptide Y/Peptide YY Receptor Gene in Primate Species. <i>Journal of Biological Chemistry</i> , 1996, 271, 27217-27220.	1.6	135
10	Catechol O-Methyltransferase (COMT) mRNA Expression in the Dorsolateral Prefrontal Cortex of Patients with Schizophrenia. <i>Neuropsychopharmacology</i> , 2003, 28, 1521-1530.	2.8	126
11	Molecular Cloning and Characterization of Another Leukotriene B4 Receptor. <i>Journal of Biological Chemistry</i> , 2000, 275, 27000-27004.	1.6	103
12	Immature Dentate Gyrus: An Endophenotype of Neuropsychiatric Disorders. <i>Neural Plasticity</i> , 2013, 2013, 1-24.	1.0	101
13	Adult Neurogenesis Transiently Generates Oxidative Stress. <i>PLoS ONE</i> , 2012, 7, e35264.	1.1	101
14	The novel G-protein coupled receptor SALPR shares sequence similarity with somatostatin and angiotensin receptors. <i>Gene</i> , 2000, 248, 183-189.	1.0	92
15	BrainSeq: Neurogenomics to Drive Novel Target Discovery for Neuropsychiatric Disorders. <i>Neuron</i> , 2015, 88, 1078-1083.	3.8	92
16	Identification of MrgX2 as a human G-protein-coupled receptor for proadrenomedullin N-terminal peptides. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 1146-1152.	1.0	91
17	Gene Expression of Metabolic Enzymes and a Protease Inhibitor in the Prefrontal Cortex Are Decreased in Schizophrenia. <i>Neurochemical Research</i> , 2004, 29, 1245-1255.	1.6	85
18	Low Levels of mRNA for Dopamine D4 Receptor in Human Cerebral Cortex and Striatum. <i>Journal of Neurochemistry</i> , 1996, 66, 915-919.	2.1	80

#	ARTICLE	IF	CITATIONS
19	An Evolutionarily Conserved G-Protein Coupled Receptor Family, SREB, Expressed in the Central Nervous System. <i>Biochemical and Biophysical Research Communications</i> , 2000, 272, 576-582.	1.0	69
20	The evolutionarily conserved G protein-coupled receptor SREB2/GPR85 influences brain size, behavior, and vulnerability to schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6133-6138.	3.3	67
21	Profiling gene expression in the human dentate gyrus granule cell layer reveals insights into schizophrenia and its genetic risk. <i>Nature Neuroscience</i> , 2020, 23, 510-519.	7.1	67
22	GABA-B Agonist Baclofen Normalizes Auditory-Evoked Neural Oscillations and Behavioral Deficits in the <i>Fmr1</i> Knockout Mouse Model of Fragile X Syndrome. <i>ENEURO</i> , 2017, 4, ENEURO.0380-16.2017.	0.9	66
23	Functional Characterization of Cysteinyl Leukotriene CysLT2 Receptor on Human Coronary Artery Smooth Muscle Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 287, 1088-1092.	1.0	61
24	Low stringency hybridization study of the dopamine D4 receptor revealed D4-like mRNA distribution of the orphan seven-transmembrane receptor, APJ, in human brain. <i>Neuroscience Letters</i> , 1996, 219, 119-122.	1.0	59
25	Hippocampal subregion abnormalities in schizophrenia: A systematic review of structural and physiological imaging studies. <i>Neuropsychopharmacology Reports</i> , 2018, 38, 156-166.	1.1	58
26	Molecular cloning and characterization of a novel Gq-coupled orphan receptor GPRg1 exclusively expressed in the central nervous system. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 363-369.	1.0	57
27	The immature dentate gyrus represents a shared phenotype of mouse models of epilepsy and psychiatric disease. <i>Bipolar Disorders</i> , 2013, 15, 405-421.	1.1	57
28	Mice with subtle reduction of NMDA NR1 receptor subunit expression have a selective decrease in mismatch negativity: Implications for schizophrenia prodromal population. <i>Neurobiology of Disease</i> , 2015, 73, 289-295.	2.1	52
29	Cloning and Characterization of the 5' Flanking Region of the Human Dopamine D4 Receptor Gene. <i>Biochemical and Biophysical Research Communications</i> , 1997, 235, 321-326.	1.0	51
30	Mouse Model of Chromosome 15q13.3 Microdeletion Syndrome Demonstrates Features Related to Autism Spectrum Disorder. <i>Journal of Neuroscience</i> , 2015, 35, 16282-16294.	1.7	51
31	SREB2/GPR85, a schizophrenia risk factor, negatively regulates hippocampal adult neurogenesis and neurogenesis-dependent learning and memory. <i>European Journal of Neuroscience</i> , 2012, 36, 2597-2608.	1.2	47
32	Hippocampal Pathophysiology: Commonality Shared by Temporal Lobe Epilepsy and Psychiatric Disorders. <i>Neuroscience Journal</i> , 2018, 2018, 1-9.	2.3	38
33	Auditory Steady State Response; nature and utility as a translational science tool. <i>Scientific Reports</i> , 2019, 9, 8454.	1.6	37
34	A conserved mRNA expression profile of SREB2 (GPR85) in adult human, monkey, and rat forebrain. <i>Molecular Brain Research</i> , 2005, 138, 58-69.	2.5	34
35	Nuclear factor kappa B activation appears weaker in schizophrenia patients with high brain cytokines than in non-schizophrenic controls with high brain cytokines. <i>Journal of Neuroinflammation</i> , 2020, 17, 215.	3.1	33
36	Molecular Cloning of Monkey Histamine H4 Receptor. <i>Journal of Pharmacological Sciences</i> , 2005, 98, 319-322.	1.1	30

#	ARTICLE	IF	CITATIONS
37	Dopamine D3 and D4 Receptor Antagonists: A Synthesis and Structure-Activity Relationships of (S)-(+)-N-(1-Benzyl-3-pyrrolidinyl)-5-chloro-4-[(cyclopropylcarbonyl)amino]-2-methoxybenzamide (YM-43611) and Related Compounds. <i>Journal of Medicinal Chemistry</i> , 1996, 39, 2764-2772.	2.9	29
38	cDNA cloning and characterization of porcine histamine H4 receptor. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1575, 135-138.	2.4	28
39	Overexpression of Neuregulin 1 Type III Confers Hippocampal mRNA Alterations and Schizophrenia-Like Behaviors in Mice. <i>Schizophrenia Bulletin</i> , 2018, 44, 865-875.	2.3	28
40	Gamma power abnormalities in a Fmr1-targeted transgenic rat model of fragile X syndrome. <i>Scientific Reports</i> , 2020, 10, 18799.	1.6	26
41	Regional, cellular and species difference of two key neuroinflammatory genes implicated in schizophrenia. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 826-839.	2.0	23
42	Schizophrenia-relevant behaviours of female mice overexpressing neuregulin 1 type III. <i>Behavioural Brain Research</i> , 2018, 353, 227-235.	1.2	21
43	YM-50001. <i>NeuroReport</i> , 1996, 7, 2543-2546.	0.6	20
44	A novel GABAB receptor positive allosteric modulator, ASP8062, exerts analgesic effects in a rat model of fibromyalgia. <i>European Journal of Pharmacology</i> , 2019, 865, 172750.	1.7	20
45	Dentate gyrus volume deficit in schizophrenia. <i>Psychological Medicine</i> , 2020, 50, 1267-1277.	2.7	20
46	Effect of Schizophrenia Risk-Associated Alleles in SREB2 (GPR85) on Functional MRI Phenotypes in Healthy Volunteers. <i>Neuropsychopharmacology</i> , 2013, 38, 341-349.	2.8	19
47	HDAC Inhibitors Restore the Capacity of Aged Mice to Respond to Haloperidol through Modulation of Histone Acetylation. <i>Neuropsychopharmacology</i> , 2014, 39, 1469-1478.	2.8	19
48	Indications of success: Strategies for utilizing neuroimaging biomarkers in CNS drug discovery and development. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, pyw111.	1.0	19
49	The dopaminergic stabilizer ASP2314/ACR16 selectively interacts with D2 ^{High} receptors. <i>Synapse</i> , 2009, 63, 930-934.	0.6	18
50	Transcriptomic immaturity inducible by neural hyperexcitation is shared by multiple neuropsychiatric disorders. <i>Communications Biology</i> , 2019, 2, 32.	2.0	18
51	In vitro pharmacological profile of YM-43611, a novel D ₂ -like receptor antagonist with high affinity and selectivity for dopamine D ₃ and D ₄ receptors. <i>British Journal of Pharmacology</i> , 1996, 117, 1625-1632.	2.7	17
52	Gastrin-Releasing Peptide Contributes to the Regulation of Adult Hippocampal Neurogenesis and Neuronal Development. <i>Stem Cells</i> , 2014, 32, 2454-2466.	1.4	16
53	The impact of genetics on future drug discovery in schizophrenia. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 673-686.	2.5	12
54	Differential effects of [3H]nemonapride and [3H]spiperone binding on human dopamine D4 receptors. <i>Neuroscience Letters</i> , 1995, 186, 145-148.	1.0	10

#	ARTICLE	IF	CITATIONS
55	Dopamine D4-like Binding Sites Labeled by [3H]Nemonapride Include Substantial Serotonin 5-HT2A Receptors in Primate Cerebral Cortex. <i>Biochemical and Biophysical Research Communications</i> , 1999, 255, 367-370.	1.0	10
56	Enhancing Clinical Trials Through Synergistic Gamma Power Analysis. <i>Frontiers in Psychiatry</i> , 2020, 11, 537.	1.3	7
57	Computational identification of variables in neonatal vocalizations predictive for postpubertal social behaviors in a mouse model of 16p11.2 deletion. <i>Molecular Psychiatry</i> , 2021, 26, 6578-6588.	4.1	7
58	Non-invasive electroencephalographical (EEG) recording system in awake monkeys. <i>Heliyon</i> , 2020, 6, e04043.	1.4	5
59	Identification and Relative Quantitation of an Orphan G-Protein Coupled Receptor SREB2 (GPR85) Protein in Tissue Using a Linear Ion Trap Mass Spectrometer. <i>Journal of Proteome Research</i> , 2011, 10, 2658-2663.	1.8	3
60	Ectopic Mossy Fiber Pathfinding in the Hippocampus Caused the Abnormal Neuronal Transmission in the Mouse Models of Psychiatric Disease. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 138-141.	0.6	3
61	262. Human Dg-Seq Reveals Cell-Type-Specific Effectors of Schizophrenia Risk. <i>Biological Psychiatry</i> , 2018, 83, S106.	0.7	0
62	F162. Construction of a Mouse Model of Mismatch Negativity (MMN). <i>Biological Psychiatry</i> , 2019, 85, S275-S276.	0.7	0