Akihiro Mouri

List of Publications by Year
in descending order

65 papers	2,057 citations	257357 24 h-index	254106 43 g-index
65 all docs	65 docs citations	65 times ranked	2713 citing authors

#	Article	IF	Citations
1	Phencyclidine animal models of schizophrenia: Approaches from abnormality of glutamatergic neurotransmission and neurodevelopment. Neurochemistry International, 2007, 51, 173-184.	1.9	241
2	Blonanserin Ameliorates Phencyclidine-Induced Visual-Recognition Memory Deficits: the Complex Mechanism of Blonanserin Action Involving D3-5-HT2A and D1-NMDA Receptors in the mPFC. Neuropsychopharmacology, 2015, 40, 601-613.	2.8	193
3	The Allosteric Potentiation of Nicotinic Acetylcholine Receptors by Galantamine Ameliorates the Cognitive Dysfunction in Beta Amyloid25â€“35 I.c.v.-Injected Mice: Involvement of Dopaminergic Systems. Neuropsychopharmacology, 2007, 32, 1261-1271.	2.8	127
4	Involvement of a Dysfunctional Dopamine-D1/N-Methyl-d-aspartate-NR1 and Ca2+/Calmodulin-Dependent Protein Kinase II Pathway in the Impairment of Latent Learning in a Model of Schizophrenia Induced by Phencyclidine. Molecular Pharmacology, 2007, 71, 1598-1609.	1.0	82
5	Silibinin attenuates cognitive deficits and decreases of dopamine and serotonin induced by repeated methamphetamine treatment. Behavioural Brain Research, 2010, 207, 387-393.	1.2	79
6	MAGE-D1 Regulates Expression of Depression-Like Behavior through Serotonin Transporter Ubiquitylation. Journal of Neuroscience, 2012, 32, 4562-4580.	1.7	71
7	Hypofunctional glutamatergic neurotransmission in the prefrontal cortex is involved in the emotional deficit induced by repeated treatment with phencyclidine in mice: Implications for abnormalities of glutamate release and NMDAâ€“CaMKII signaling. Behavioural Brain Research, 2007, 180, 152-160.	1.2	67
8	Role of matrix metalloproteinase and tissue inhibitor of MMP in methamphetamine-induced behavioral sensitization and reward: implications for dopamine receptor down-regulation and dopamine release. Journal of Neurochemistry, 2007, 102, 1548-1560.	2.1	66
9	Chronic unpredictable mild stress-induced behavioral changes are coupled with dopaminergic hyperfunction and serotonergic hypofunction in mouse models of depression. Behavioural Brain Research, 2019, 372, 112053.	1.2	55
10	Galantamine ameliorates the impairment of recognition memory in mice repeatedly treated with methamphetamine: involvement of allosteric potentiation of nicotinic acetylcholine receptors and dopaminergic-ERK1/2 systems. International Journal of Neuropsychopharmacology, 2010, 13, 1343-1354.	1.0	53
11	Juvenile social defeat stress exposure persistently impairs social behaviors and neurogenesis. Neuropharmacology, 2018, 133, 23-37.	2.0	50
12	Long-Lasting Impairment of Associative Learning Is Correlated with a Dysfunction of N-Methyl-d-aspartate-Extracellular Signaling-Regulated Kinase Signaling in Mice after Withdrawal from Repeated Administration of Phencyclidine. Molecular Pharmacology, 2005, 68, 1765-1774.	1.0	48
13	Excess maternal fructose consumption impairs hippocampal function in offspring via epigenetic modification of BDNF promoter. FASEB Journal, 2018, 32, 2549-2562.	0.2	47
14	Serum Metabolic Profiles of the Tryptophan-Kynurenine Pathway in the high risk subjects of major depressive disorder. Scientific Reports, 2020, 10, 1961.	1.6	44
15	Clozapine ameliorates epigenetic and behavioral abnormalities induced by phencyclidine through activation of dopamine D1 receptor. International Journal of Neuropsychopharmacology, 2014, 17, 723-737.	1.0	43
16	Prenatal NMDA Receptor Antagonism Impaired Proliferation of Neuronal Progenitor, Leading to Fewer Glutamatergic Neurons in the Prefrontal Cortex. Neuropsychopharmacology, 2012, 37, 1387-1396.	2.8	41
17	Astroglial major histocompatibility complex class I following immune activation leads to behavioral and neuropathological changes. Glia, 2018, 66, 1034-1052.	2.5	39
18	Prenatal Nicotine Exposure Impairs the Proliferation of Neuronal Progenitors, Leading to Fewer Glutamatergic Neurons in the Medial Prefrontal Cortex. Neuropsychopharmacology, 2016, 41, 578-589.	2.8	38

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19	Exposure to enriched environments during adolescence prevents abnormal behaviours associated with histone deacetylation in phencyclidine-treated mice. International Journal of Neuropsychopharmacology, 2012, 15, 1489-1501.	1.0	36
20	Mouse strain differences in phencyclidine-induced behavioural changes. International Journal of Neuropsychopharmacology, 2012, 15, 767-779.	1.0	33
21	Heat-sterilized Bifidobacterium breve prevents depression-like behavior and interleukin-1Î² expression in mice exposed to chronic social defeat stress. Brain, Behavior, and Immunity, 2021, 96, 200-211.	2.0	33
22	Changes in tryptophan metabolism during pregnancy and postpartum periods: Potential involvement in postpartum depressive symptoms. Journal of Affective Disorders, 2019, 255, 168-176.	2.0	31
23	Indoleamine 2,3â€dioxygenase 2 depletion suppresses tumor growth in a mouse model of Lewis lung carcinoma. Cancer Science, 2019, 110, 3061-3067.	1.7	30
24	Arachidonic or Docosahexaenoic Acid Diet Prevents Memory Impairment in Tg2576 Mice. Journal of Alzheimer's Disease, 2015, 48, 149-162.	1.2	29
25	Prenatal phencyclidine treatment induces behavioral deficits through impairment of GABAergic interneurons in the prefrontal cortex. Psychopharmacology, 2016, 233, 2373-2381.	1.5	25
26	Cerebellar Î±₆â€subunitâ€containing GABA_A receptors: a novel therapeutic target for disrupted prepulse inhibition in neuropsychiatric disorders. British Journal of Pharmacology, 2018, 175, 2414-2427.	2.7	25
27	Kynurenine 3-monooxygenase is implicated in antidepressants-responsive depressive-like behaviors and monoaminergic dysfunctions. Behavioural Brain Research, 2017, 317, 279-285.	1.2	24
28	The role of Cyclophilin D in learning and memory. Hippocampus, 2010, 20, 293-304.	0.9	21
29	Thyrotoropin receptor knockout changes monoaminergic neuronal system and produces methylphenidate-sensitive emotional and cognitive dysfunction. Psychoneuroendocrinology, 2014, 48, 147-161.	1.3	21
30	Absence of kynurenine 3-monooxygenase reduces mortality of acute viral myocarditis in mice. Immunology Letters, 2017, 181, 94-100.	1.1	20
31	Prenatal exposure to PCP produces behavioral deficits accompanied by the overexpression of GLAST in the prefrontal cortex of postpubertal mice. Behavioural Brain Research, 2011, 220, 132-139.	1.2	19
32	Dysfunction of Serotonergic and Dopaminergic Neuronal Systems in the Antidepressant-Resistant Impairment of Social Behaviors Induced by Social Defeat Stress Exposure as Juveniles. International Journal of Neuropsychopharmacology, 2018, 21, 837-846.	1.0	19
33	Deletion of SHATI/NAT8L increases dopamine D1 receptor on the cell surface in the nucleus accumbens, accelerating methamphetamine dependence. International Journal of Neuropsychopharmacology, 2014, 17, 443-453.	1.0	18
34	Deletion of SHATI/NAT8L decreases the N-acetylaspartate content in the brain and induces behavioral deficits, which can be ameliorated by administering N-acetylaspartate. European Neuropsychopharmacology, 2015, 25, 2108-2117.	0.3	18
35	The involvement of brain-derived neurotrophic factor in 3,4-methylenedioxymethamphetamine-induced place preference and behavioral sensitization. Behavioural Brain Research, 2017, 329, 157-165.	1.2	17
36	Combination of neonatal PolyI:C and adolescent phencyclidine treatments is required to induce behavioral abnormalities with overexpression of GLAST in adult mice. Behavioural Brain Research, 2014, 258, 34-42.	1.2	16

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37	Acute administration of ketamine attenuates the impairment of social behaviors induced by social defeat stress exposure as juveniles via activation of Î±-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptors. Neuropharmacology, 2019, 148, 107-116.	2.0	16
38	Prenatal exposure to phencyclidine produces abnormal behaviour and NMDA receptor expression in postpubertal mice. International Journal of Neuropsychopharmacology, 2010, 13, 877-889.	1.0	15
39	The roles of MAGE-D1 in the neuronal functions and pathology of the central nervous system. Reviews in the Neurosciences, 2013, 24, 61-70.	1.4	15
40	Involvement of the histamine H4 receptor in clozapine-induced hematopoietic toxicity: Vulnerability under granulocytic differentiation of HL-60 cells. Toxicology and Applied Pharmacology, 2016, 306, 8-16.	1.3	15
41	Prefrontal cortex miRâ€874â€3p prevents lipopolysaccharideâ€induced depressionâ€like behavior through inhibition of indoleamine 2,3â€dioxygenase 1 expression in mice. Journal of Neurochemistry, 2021, 157, 1963-1978.	2.1	13
42	Shati/Nat8l deficiency disrupts adult neurogenesis and causes attentional impairment through dopaminergic neuronal dysfunction in the dentate gyrus. Journal of Neurochemistry, 2021, 157, 642-655.	2.1	13
43	Behavioral characterization of mice overexpressing human dysbindin-1. Molecular Brain, 2014, 7, 74.	1.3	12
44	Novel rare variants in F-box protein 45 (FBXO45) in schizophrenia. Schizophrenia Research, 2014, 157, 149-156.	1.1	12
45	The ubiquitination of serotonin transporter in lymphoblasts derived from fluvoxamine-resistant depression patients. Neuroscience Letters, 2016, 617, 22-26.	1.0	12
46	Adolescent stress leads to glutamatergic disturbance through dopaminergic abnormalities in the prefrontal cortex of genetically vulnerable mice. Psychopharmacology, 2017, 234, 3055-3074.	1.5	12
47	Hispidulin attenuates the social withdrawal in isolated disruptedâ€inâ€schizophreniaâ€1 mutant and chronic phencyclidineâ€treated mice. British Journal of Pharmacology, 2020, 177, 3210-3224.	2.7	12
48	SHATI/NAT8L regulates neurite outgrowth via microtubule stabilization. Journal of Neuroscience Research, 2013, 91, 1525-1532.	1.3	11
49	Kynurenine 3-monooxygenase deficiency induces depression-like behavior via enhanced antagonism of Î±7 nicotinic acetylcholine receptors by kynurenic acid. Behavioural Brain Research, 2021, 405, 113191.	1.2	11
50	Galantamine attenuates reinstatement of cue-induced methamphetamine-seeking behavior in mice. Addiction Biology, 2014, 19, 1-4.	1.4	10
51	Inhalation Instructions in Asthma Pharmaceutical Care Clinic:. Iryo Yakugaku (Japanese Journal of) Tj ETQq1 1 0.784314 rgBT /Overloc	0.0	7
52	Phosphoproteomic of the acetylcholine pathway enables discovery of the PKC-Î²-PIX-Rac1-PAK cascade as a stimulatory signal for aversive learning. Molecular Psychiatry, 2022, 27, 3479-3492.	4.1	7
53	Involvement of nicotinic acetylcholine receptors in behavioral abnormalities and psychological dependence in schizophrenia-like model mice. European Neuropsychopharmacology, 2020, 41, 92-105.	0.3	6
54	Prefrontal cortex, dorsomedial striatum, and dentate gyrus are necessary in the object-based attention test in mice. Molecular Brain, 2020, 13, 171.	1.3	6

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55	Pharmacological blockade of dopamine D1- or D2-receptor in the prefrontal cortex induces attentional impairment in the object-based attention test through different neuronal circuits in mice. Molecular Brain, 2021, 14, 43.	1.3	6
56	Human neutrophils show decreased survival upon longâ€term exposure to clozapine. Human Psychopharmacology, 2017, 32, e2629.	0.7	5
57	Targeting Î±6GABAA receptors as a novel therapy for schizophrenia: A proof-of-concept preclinical study using various animal models. Biomedicine and Pharmacotherapy, 2022, 150, 113022.	2.5	5
58	Involvement of protein kinase C beta1-serotonin transporter system dysfunction in emotional behaviors in stressed mice. Neurochemistry International, 2020, 140, 104826.	1.9	4
59	Duloxetine attenuates pain in association with downregulation of platelet serotonin transporter in patients with burning mouth syndrome and atypical odontalgia. Human Psychopharmacology, 2022, 37, e2818.	0.7	4
60	Preventive role of regular low-intensity exercise during adolescence in schizophrenia model mice with abnormal behaviors. Biochemical and Biophysical Research Communications, 2021, 534, 610-616.	1.0	2
61	Multiple nicotinic acetylcholine receptor subtypes regulate social or cognitive behaviors in mice repeatedly administered phencyclidine. Behavioural Brain Research, 2021, 408, 113284.	1.2	2
62	Involvement of PKCÎ²I-SERT activity in stress vulnerability of mice exposed to twice-swim stress. Neuroscience Research, 2021, 171, 83-91.	1.0	2
63	Early postnatal inhibition of GLAST causes abnormalities of psychobehaviors and neuronal morphology in adult mice. Neurochemistry International, 2021, 150, 105177.	1.9	2
64	The cerebellar Î±6 subunit-containing GABA_A receptor: A novel therapeutic target for disrupted prepulse inhibition in neuropsychiatric disorders. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-1-95.	0.0	1
65	Examination of the Use Survey and the Usefulness of Tramadol in Cancer Pain Patients. Iryo Yakugaku (Japanese Journal of Pharmaceutical Health Care and Sciences), 2016, 42, 69-77.	0.0	0