

Kenji Hashimoto

List of Publications by Year in Descending Order

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

610
papers

24,347
citations

75
h-index

125
g-index

654
ext. papers

28,480
ext. citations

4.7
avg. IF

7.78
L-index

#	Paper	IF	Citations
610	Nuclear factor of activated T cells 4 in the prefrontal cortex is required for prophylactic actions of (R)-ketamine.. <i>Translational Psychiatry</i> , 2022 , 12, 27	8.6	3
609	(R)-ketamine ameliorates demyelination and facilitates remyelination in cuprizone-treated mice: A role of gut-microbiota-brain axis.. <i>Neurobiology of Disease</i> , 2022 , 105635	7.5	4
608	Repeated intermittent administration of (R)-ketamine during juvenile and adolescent stages prevents schizophrenia-relevant phenotypes in adult offspring after maternal immune activation: a role of TrkB signaling.. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022 , 1	5.1	2
607	The Toll-like receptor 4 antagonist TAK-242 induces antidepressant-like effects in a rat learned helplessness model of depression through BDNF-TrkB signaling and AMPA receptor activation.. <i>Behavioural Brain Research</i> , 2022 , 113769	3.4	0
606	Brain Research Bulletin Special Issue: Brain-body communication in health and diseases Brain-spleen axis in health and diseases: a review and future perspective.. <i>Brain Research Bulletin</i> , 2022 , 182, 130-130	3.9	6
605	Brain Research Bulletin: Special Issue: Brain-body communication in health and diseases, Brain-gut-microbiota axis in depression: A historical overview and future directions.. <i>Brain Research Bulletin</i> , 2022 ,	3.9	8
604	Mechanisms of action of fluvoxamine for COVID-19: a historical review.. <i>Molecular Psychiatry</i> , 2022 ,	15.1	8
603	Do you know the novel antidepressant arketamine?. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2022 , 95, 1-EL01	0	
602	Comments to "Fluvoxamine and long COVID-19: a new role for sigma-1 receptor (S1R) agonists" by Khani and Entezari-Maleki.. <i>Molecular Psychiatry</i> , 2022 ,	15.1	0
601	Ifenprodil tartrate treatment of adolescents with post-traumatic stress disorder: A double-blind, placebo-controlled trial.. <i>Psychiatry Research</i> , 2022 , 311, 114486	9.9	1
600	Effects of Subdiaphragmatic Vagotomy in the MPTP-induced Neurotoxicity in the Striatum and Colon of Mice.. <i>Clinical Psychopharmacology and Neuroscience</i> , 2022 , 20, 389-393	3.4	1
599	Ketamine: anesthetic, psychotomimetic, antidepressant, or anthelmintic?. <i>Molecular Psychiatry</i> , 2022 ,	15.1	2
598	Soluble Epoxide Hydrolase as a Therapeutic Target for Neuropsychiatric Disorders.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	3
597	Effects of (R)-ketamine on reduced bone mineral density in ovariectomized mice: A role of gut microbiota. <i>Neuropharmacology</i> , 2022 , 109139	5.5	1
596	Fecal microbiota transplantation from patients with rheumatoid arthritis causes depression-like behaviors in mice through abnormal T cells activation. <i>Translational Psychiatry</i> , 2022 , 12,	8.6	2
595	Special issue on BrainBody communication in health and diseases□ <i>Brain Research Bulletin</i> , 2022 , 186, 47-49	3.9	1
594	Antidepressant-like actions of the mGlu2/3 receptor antagonist TP0178894 in the chronic social defeat stress model: Comparison with escitalopram.. <i>Pharmacology Biochemistry and Behavior</i> , 2021 , 212, 173316	3.9	2

593	Microglial ERK-NRBP1-CREB-BDNF signaling in sustained antidepressant actions of (R)-ketamine. <i>Molecular Psychiatry</i> , 2021 ,	15.1	7
592	Predictable Biomarkers for Rapid-Acting Antidepressant Response to Ketamine. <i>Contemporary Clinical Neuroscience</i> , 2021 , 31-48	0.1	0
591	(R)-Ketamine: A New Rapid-Acting Antidepressant. <i>Contemporary Clinical Neuroscience</i> , 2021 , 1-16	0.1	
590	(R)-ketamine ameliorates the progression of experimental autoimmune encephalomyelitis in mice. <i>Brain Research Bulletin</i> , 2021 , 177, 316-323	3.9	2
589	Upregulation of heat-shock protein HSP-70 and glutamate transporter-1/glutamine synthetase in the striatum and hippocampus in haloperidol-induced dopamine-supersensitivity-state rats. <i>Pharmacology Biochemistry and Behavior</i> , 2021 , 211, 173288	3.9	2
588	Reduction of dopamine and glycogen synthase kinase-3 signaling in rat striatum after continuous administration of haloperidol. <i>Pharmacology Biochemistry and Behavior</i> , 2021 , 202, 173114	3.9	
587	Dextran sulfate sodium-induced inflammation and colitis in mice are ameliorated by (R)-ketamine, but not (S)-ketamine: A role of TrkB signaling. <i>European Journal of Pharmacology</i> , 2021 , 897, 173954	5.3	9
586	Molecular mechanisms underlying the antidepressant actions of arketamine: beyond the NMDA receptor. <i>Molecular Psychiatry</i> , 2021 ,	15.1	36
585	Abnormal composition of microbiota in the gut and skin of imiquimod-treated mice. <i>Scientific Reports</i> , 2021 , 11, 11265	4.9	8
584	A role of the subdiaphragmatic vagus nerve in depression-like phenotypes in mice after fecal microbiota transplantation from Chrna7 knock-out mice with depression-like phenotypes. <i>Brain, Behavior, and Immunity</i> , 2021 , 94, 318-326	16.6	26
583	Serum levels of glial cell line-derived neurotrophic factor as a biomarker for mood disorders and lithium response. <i>Psychiatry Research</i> , 2021 , 301, 113967	9.9	1
582	(R)-Ketamine attenuates LPS-induced endotoxin-derived delirium through inhibition of neuroinflammation. <i>Psychopharmacology</i> , 2021 , 238, 2743-2753	4.7	11
581	Risk of neuropsychiatric disorders in offspring of COVID-19-infected pregnant women and nutritional intervention. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021 , 271, 387-389	5.1	6
580	Efficacy of anticonvulsant ethosuximide for major depressive disorder: a randomized, placebo-control clinical trial. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021 , 271, 487-493 ¹	5.1	4
579	Rapid-acting and long-lasting antidepressant-like action of (R)-ketamine in Nrf2 knock-out mice: a role of TrkB signaling. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021 , 271, 439-446	5.1	15
578	Reply to Reeves and Dunn: Risk for autism in offspring after maternal glyphosate exposure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	1
577	Platelet-derived growth factor BB: A potential diagnostic blood biomarker for differentiating bipolar disorder from major depressive disorder. <i>Journal of Psychiatric Research</i> , 2021 , 134, 48-56	5.2	3
576	Association of CACNA1C polymorphisms with serum BDNF levels in bipolar disorder. <i>British Journal of Psychiatry</i> , 2021 , 218, 77-79	5.4	3

575	Splenic NKG2D confers resilience versus susceptibility in mice after chronic social defeat stress: beneficial effects of (R)-ketamine. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021 , 271, 447-456	5.1	22
574	Neural rhythm in the retrosplenial cortex during ketamine-induced dissociation. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021 , 271, 583-585	5.1	3
573	No changes of expression of GPR56 protein in the parietal cortex, cerebellum, and liver from psychiatric disorders. <i>Journal of Affective Disorders Reports</i> , 2021 , 3, 100065	1.4	
572	Linking 5-hydroxytryptamine to antidepressant actions of (R)-ketamine and social stress model 2021 , 393-399		
571	Effects of repeated electroconvulsive shocks on dopamine supersensitivity psychosis model rats. <i>Schizophrenia Research</i> , 2021 , 228, 1-6	3.6	2
570	Less Social Support for Patients With COVID-19: Comparison With the Experience of Nurses. <i>Frontiers in Psychiatry</i> , 2021 , 12, 554435	5	3
569	Abnormalities of the composition of the gut microbiota and short-chain fatty acids in mice after splenectomy. <i>Brain, Behavior, & Immunity - Health</i> , 2021 , 11, 100198	5.1	2
568	Perception of and anxiety about COVID-19 infection and risk behaviors for spreading infection: an international comparison. <i>Annals of General Psychiatry</i> , 2021 , 20, 13	3.4	7
567	Association between serum levels of glial cell line-derived neurotrophic factor and inattention in adult patients with attention deficits/hyperactivity disorder. <i>Psychiatry Research</i> , 2021 , 296, 113674	9.9	1
566	Activation of BDNF by transcription factor Nrf2 contributes to antidepressant-like actions in rodents. <i>Translational Psychiatry</i> , 2021 , 11, 140	8.6	13
565	Abnormal gene expression of BDNF, but not BDNF-AS, in iPSC, neural stem cells and postmortem brain samples from bipolar disorder. <i>Journal of Affective Disorders</i> , 2021 , 290, 61-64	6.6	1
564	Autism-like Behaviors in Male Juvenile Offspring after Maternal Glyphosate Exposure. <i>Clinical Psychopharmacology and Neuroscience</i> , 2021 , 19, 554-558	3.4	4
563	Abnormalities in the composition of the gut microbiota in mice after repeated administration of DREADD ligands. <i>Brain Research Bulletin</i> , 2021 , 173, 66-73	3.9	3
562	Intranasal administration of transforming growth factor- β elicits rapid-acting antidepressant-like effects in a chronic social defeat stress model: A role of TrkB signaling. <i>European Neuropsychopharmacology</i> , 2021 , 50, 55-63	1.2	3
561	Ingestion of <i>Faecalibaculum rodentium</i> causes depression-like phenotypes in resilient Ephx2 knock-out mice: A role of brain-gut-microbiota axis via the subdiaphragmatic vagus nerve. <i>Journal of Affective Disorders</i> , 2021 , 292, 565-573	6.6	17
560	Old drug fluvoxamine, new hope for COVID-19. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021 , 1	5.1	8
559	Microglial depletion and abnormalities in gut microbiota composition and short-chain fatty acids in mice after repeated administration of colony stimulating factor 1 receptor inhibitor PLX5622. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021 , 1	5.1	4
558	(R)-Ketamine ameliorates lethal inflammatory responses and multi-organ injury in mice induced by cecum ligation and puncture. <i>Life Sciences</i> , 2021 , 284, 119882	6.8	6

557	Regulation of neurotoxicity in the striatum and colon of MPTP-induced Parkinson's disease mice by gut microbiome. <i>Brain Research Bulletin</i> , 2021 , 177, 103-110	3.9	5
556	Repurposing of CNS drugs to treat COVID-19 infection: targeting the sigma-1 receptor. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021 , 271, 249-258	5.1	39
555	Allopregnanolone induces antidepressant-like effects through BDNF-TrkB signaling independent from AMPA receptor activation in a rat learned helplessness model of depression. <i>Behavioural Brain Research</i> , 2020 , 390, 112670	3.4	10
554	Abnormal expression of colony stimulating factor 1 receptor (CSF1R) and transcription factor PU.1 (SPI1) in the spleen from patients with major psychiatric disorders: A role of brain-spleen axis. <i>Journal of Affective Disorders</i> , 2020 , 272, 110-115	6.6	10
553	Are NMDA and opioid receptors involved in the antidepressant actions of ketamine?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11200-11201	11.5	4
552	Maternal glyphosate exposure causes autism-like behaviors in offspring through increased expression of soluble epoxide hydrolase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11753-11759	11.5	41
551	Betaine supplementation is associated with the resilience in mice after chronic social defeat stress: a role of brain-gut-microbiota axis. <i>Journal of Affective Disorders</i> , 2020 , 272, 66-76	6.6	12
550	Glyphosate exposure exacerbates the dopaminergic neurotoxicity in the mouse brain after repeated administration of MPTP. <i>Neuroscience Letters</i> , 2020 , 730, 135032	3.3	3
549	Dietary intake of glucoraphanin during pregnancy and lactation prevents the behavioral abnormalities in the offspring after maternal immune activation. <i>Neuropsychopharmacology Reports</i> , 2020 , 40, 268-274	2.2	8
548	A key role of the subdiaphragmatic vagus nerve in the depression-like phenotype and abnormal composition of gut microbiota in mice after lipopolysaccharide administration. <i>Translational Psychiatry</i> , 2020 , 10, 186	8.6	43
547	M16. PROFILING GLUTAMATE AND D-SERINE PATHWAYS IN TREATMENT RESISTANT EARLY PSYCHOSIS PATIENTS. <i>Schizophrenia Bulletin</i> , 2020 , 46, S139-S139	1.3	78
546	A Case Report of Suicide Attempt Caused by Acute and Transient Psychotic Disorder during the COVID-19 Outbreak. <i>Case Reports in Psychiatry</i> , 2020 , 2020, 4320647	0.6	5
545	Poor-sleep is associated with slow recovery from lymphopenia and an increased need for ICU care in hospitalized patients with COVID-19: A retrospective cohort study. <i>Brain, Behavior, and Immunity</i> , 2020 , 88, 50-58	16.6	37
544	Neuronal brain injury after cerebral ischemic stroke is ameliorated after subsequent administration of (R)-ketamine, but not (S)-ketamine. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 191, 172904	3.9	7
543	Nervous system involvement after infection with COVID-19 and other coronaviruses. <i>Brain, Behavior, and Immunity</i> , 2020 , 87, 18-22	16.6	967
542	Vicarious traumatization in the general public, members, and non-members of medical teams aiding in COVID-19 control. <i>Brain, Behavior, and Immunity</i> , 2020 , 88, 916-919	16.6	483
541	Antipsychotic-like effects of a novel phosphodiesterase 10A inhibitor MT-3014 in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 196, 172972	3.9	2
540	Relationship between perception and anxiety about COVID-19 infection and risk behaviors for spreading infection: A national survey in Japan. <i>Brain, Behavior, & Immunity - Health</i> , 2020 , 6, 100101	5.1	36

539	Plasma levels of matrix metalloproteinase-9 (MMP-9) are associated with cognitive performance in patients with schizophrenia. <i>Neuropsychopharmacology Reports</i> , 2020 , 40, 150-156	2.2	7
538	A historical review of antidepressant effects of ketamine and its enantiomers. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 190, 172870	3.9	67
537	(S)-norketamine and (2S,6S)-hydroxynorketamine exert potent antidepressant-like effects in a chronic corticosterone-induced mouse model of depression. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 191, 172876	3.9	19
536	Essential role of microglial transforming growth factor- β in antidepressant actions of (R)-ketamine and the novel antidepressant TGF- β . <i>Translational Psychiatry</i> , 2020 , 10, 32	8.6	30
535	Knowledge and attitudes of medical staff in Chinese psychiatric hospitals regarding COVID-19. <i>Brain, Behavior, & Immunity - Health</i> , 2020 , 4, 100064	5.1	147
534	Molecular mechanisms of the rapid-acting and long-lasting antidepressant actions of (R)-ketamine. <i>Biochemical Pharmacology</i> , 2020 , 177, 113935	6	52
533	Monoaminergic balances predict non-depression-like phenotype in Learned Helplessness Paradigm. <i>Neuroscience</i> , 2020 , 440, 290-298	3.9	1
532	Risk of psychosis after repeated intermittent administration of (S)-ketamine, but not (R)-ketamine, in mice. <i>Journal of Affective Disorders</i> , 2020 , 269, 198-200	6.6	10
531	Increased expression of soluble epoxide hydrolase in the brain and liver from patients with major psychiatric disorders: A role of brain - liver axis. <i>Journal of Affective Disorders</i> , 2020 , 270, 131-134	6.6	7
530	Pharmacological inhibition of soluble epoxide hydrolase alleviates chronic neuropathic pain induced anhedonia symptoms: differential role of AhR and TSPO signaling. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
529	Role of D-serine in the beneficial effects of repetitive transcranial magnetic stimulation in post-stroke patients. <i>Acta Neuropsychiatrica</i> , 2020 , 1-22	3.9	2
528	Antidepressant Actions of Ketamine and Its Two Enantiomers 2020 , 105-125		1
527	Effect of repetitive transcranial magnetic stimulation on the kynurenine pathway in stroke patients. <i>NeuroReport</i> , 2020 , 31, 629-636	1.7	4
526	Cytochrome P450 derived epoxidized fatty acids as a therapeutic tool against neuroinflammatory diseases. <i>Prostaglandins and Other Lipid Mediators</i> , 2020 , 147, 106385	3.7	18
525	Impact of age on optimal dose of antidepressants. <i>EClinicalMedicine</i> , 2020 , 18, 100233	11.3	3
524	Phencyclidine-induced cognitive deficits in mice are ameliorated by subsequent repeated intermittent administration of (R)-ketamine, but not (S)-ketamine: Role of BDNF-TrkB signaling. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 188, 172839	3.9	16
523	Beneficial effects of anti-RANKL antibody in depression-like phenotype, inflammatory bone markers, and bone mineral density in male susceptible mice after chronic social defeat stress. <i>Behavioural Brain Research</i> , 2020 , 379, 112397	3.4	6
522	Lack of rewarding effects of a soluble epoxide hydrolase inhibitor TPPU in mice: Comparison with morphine. <i>Neuropsychopharmacology Reports</i> , 2020 , 40, 412-416	2.2	3

521	Ingestion of <i>Lactobacillus intestinalis</i> and <i>Lactobacillus reuteri</i> causes depression- and anhedonia-like phenotypes in antibiotic-treated mice via the vagus nerve. <i>Journal of Neuroinflammation</i> , 2020 , 17, 241	10.1	37
520	Decreased bone mineral density in ovariectomized mice is ameliorated after subsequent repeated intermittent administration of (R)-ketamine, but not (S)-ketamine. <i>Neuropsychopharmacology Reports</i> , 2020 , 40, 401-406	2.2	8
519	Plasma estradiol levels and antidepressant effects of omega-3 fatty acids in pregnant women. <i>Brain, Behavior, and Immunity</i> , 2020 , 85, 29-34	16.6	14
518	Lack of dopamine D receptors in the antidepressant actions of (R)-ketamine in a chronic social defeat stress model. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020 , 270, 271-275	5.1	13
517	Brain-derived neurotrophic factor-TrkB signaling in the medial prefrontal cortex plays a role in the anhedonia-like phenotype after spared nerve injury. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020 , 270, 195-205	5.1	12
516	Antibiotic-induced microbiome depletion is associated with resilience in mice after chronic social defeat stress. <i>Journal of Affective Disorders</i> , 2020 , 260, 448-457	6.6	37
515	MPTP-induced dopaminergic neurotoxicity in mouse brain is attenuated after subsequent intranasal administration of (R)-ketamine: a role of TrkB signaling. <i>Psychopharmacology</i> , 2020 , 237, 83-92	4.7	22
514	Current status of potential therapeutic candidates for the COVID-19 crisis. <i>Brain, Behavior, and Immunity</i> , 2020 , 87, 59-73	16.6	163
513	Treatment concerns for psychiatric symptoms in patients with COVID-19 with or without psychiatric disorders. <i>British Journal of Psychiatry</i> , 2020 , 217, 351	5.4	29
512	(R)-Ketamine Induces a Greater Increase in Prefrontal 5-HT Release Than (S)-Ketamine and Ketamine Metabolites via an AMPA Receptor-Independent Mechanism. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 665-674	5.8	38
511	(R)-Ketamine Rapidly Ameliorates the Decreased Spine Density in the Medial Prefrontal Cortex and Hippocampus of Susceptible Mice After Chronic Social Defeat Stress. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 675-679	5.8	16
510	Abnormal composition of gut microbiota is associated with resilience versus susceptibility to inescapable electric stress. <i>Translational Psychiatry</i> , 2019 , 9, 231	8.6	39
509	Abnormal composition of gut microbiota contributes to delirium-like behaviors after abdominal surgery in mice. <i>CNS Neuroscience and Therapeutics</i> , 2019 , 25, 685-696	6.8	28
508	Role of Soluble Epoxide Hydrolase in Metabolism of PUFAs in Psychiatric and Neurological Disorders. <i>Frontiers in Pharmacology</i> , 2019 , 10, 36	5.6	42
507	Key role of gut microbiota in anhedonia-like phenotype in rodents with neuropathic pain. <i>Translational Psychiatry</i> , 2019 , 9, 57	8.6	73
506	Rapid-acting antidepressant ketamine, its metabolites and other candidates: A historical overview and future perspective. <i>Psychiatry and Clinical Neurosciences</i> , 2019 , 73, 613-627	6.2	143
505	Cognitive Impairment That Is Induced by (R)-Ketamine Is Abolished in NMDA GluN2D Receptor Subunit Knockout Mice. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 449-452	5.8	11
504	Dietary intake of glucoraphanin prevents the reduction of dopamine transporter in the mouse striatum after repeated administration of MPTP. <i>Neuropsychopharmacology Reports</i> , 2019 , 39, 247-251	2.2	8

503	Comparison of antidepressant and side effects in mice after intranasal administration of (R,S)-ketamine, (R)-ketamine, and (S)-ketamine. <i>Pharmacology Biochemistry and Behavior</i> , 2019 , 181, 53-59	3.9	65
502	Key role of soluble epoxide hydrolase in the neurodevelopmental disorders of offspring after maternal immune activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7083-7088	11.5	25
501	Beneficial effects of (R)-ketamine, but not its metabolite (2R,6R)-hydroxynorketamine, in the depression-like phenotype, inflammatory bone markers, and bone mineral density in a chronic social defeat stress model. <i>Behavioural Brain Research</i> , 2019 , 368, 111904	3.4	25
500	Gamma-band auditory steady-state response is associated with plasma levels of d-serine in schizophrenia: An exploratory study. <i>Schizophrenia Research</i> , 2019 , 208, 467-469	3.6	10
499	Impact of consuming green and yellow vegetables on the depressive symptoms of junior and senior high school students in Japan. <i>PLoS ONE</i> , 2019 , 14, e0211323	3.7	6
498	Is (S)-norketamine an alternative antidepressant for esketamine?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019 , 269, 867-868	5.1	19
497	Antipsychotic-like effects of a novel phosphodiesterase 10A inhibitor T-251 in rodents. <i>Pharmacology Biochemistry and Behavior</i> , 2019 , 185, 172757	3.9	3
496	Impact of serotonin transporter gene on rTMS augmentation of SSRIs for obsessive compulsive disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2019 , 15, 1771-1779	3.1	6
495	Investigation of betaine as a novel psychotherapeutic for schizophrenia. <i>EBioMedicine</i> , 2019 , 45, 432-446	6.8	28
494	Recent Advances in the Early Intervention in Schizophrenia: Future Direction from Preclinical Findings. <i>Current Psychiatry Reports</i> , 2019 , 21, 75	9.1	18
493	Understanding the link between maternal infections and neurodevelopmental disorders in offspring: The role of abnormalities in metabolism of polyunsaturated fatty acids. <i>Brain, Behavior, and Immunity</i> , 2019 , 81, 4-5	16.6	3
492	Molecular and cellular mechanisms underlying the antidepressant effects of ketamine enantiomers and its metabolites. <i>Translational Psychiatry</i> , 2019 , 9, 280	8.6	82
491	Genomic Triplication of the Glycine Decarboxylase Gene and N-Methyl-D-Aspartate Receptor Hypofunction: Improvement by Glycine and D-Cycloserine. <i>Biological Psychiatry</i> , 2019 , 86, 497-498	7.9	1
490	Excess hydrogen sulfide and polysulfides production underlies a schizophrenia pathophysiology. <i>EMBO Molecular Medicine</i> , 2019 , 11, e10695	12	25
489	Antibiotic-induced microbiome depletion protects against MPTP-induced dopaminergic neurotoxicity in the brain. <i>Aging</i> , 2019 , 11, 6915-6929	5.6	29
488	Lack of Opioid System in the Antidepressant Actions of Ketamine. <i>Biological Psychiatry</i> , 2019 , 85, e25-e27	7.9	38
487	The Efficacy of Omega-3 Fatty Acids for Depressive Symptoms among Pregnant Women in Japan and Taiwan: A Randomized, Double-Blind, Placebo-Controlled Trial (SYNCHRO; NCT01948596). <i>Psychotherapy and Psychosomatics</i> , 2019 , 88, 122-124	9.4	14
486	Increased expression of inwardly rectifying Kir4.1 channel in the parietal cortex from patients with major depressive disorder. <i>Journal of Affective Disorders</i> , 2019 , 245, 265-269	6.6	17

485	Increased BDNF-TrkB signaling in the nucleus accumbens plays a role in the risk for psychosis after cannabis exposure during adolescence. <i>Pharmacology Biochemistry and Behavior</i> , 2019 , 177, 61-68	3.9	4
484	Role of Actinobacteria and Coriobacteriia in the antidepressant effects of ketamine in an inflammation model of depression. <i>Pharmacology Biochemistry and Behavior</i> , 2019 , 176, 93-100	3.9	36
483	An update on ketamine and its two enantiomers as rapid-acting antidepressants. <i>Expert Review of Neurotherapeutics</i> , 2019 , 19, 83-92	4.3	57
482	Lack of rapid antidepressant effects of Kir4.1 channel inhibitors in a chronic social defeat stress model: Comparison with (R)-ketamine. <i>Pharmacology Biochemistry and Behavior</i> , 2019 , 176, 57-62	3.9	11
481	Differences between Japan and Taiwan in the treatment of pregnant women with depressive symptoms by omega-3 fatty acids: An open-label pilot study. <i>Nutritional Neuroscience</i> , 2019 , 22, 63-71	3.6	3
480	Schizophrenia-Like Dopamine Release Abnormalities in a Mouse Model of NMDA Receptor Hypofunction. <i>Schizophrenia Bulletin</i> , 2019 , 45, 138-147	1.3	17
479	Lack of metabolism in (R)-ketamine's antidepressant actions in a chronic social defeat stress model. <i>Scientific Reports</i> , 2018 , 8, 4007	4.9	26
478	Dietary glucoraphanin prevents the onset of psychosis in the adult offspring after maternal immune activation. <i>Scientific Reports</i> , 2018 , 8, 2158	4.9	29
477	Neuropsychiatric Phenotypes Produced by GABA Reduction in Mouse Cortex and Hippocampus. <i>Neuropsychopharmacology</i> , 2018 , 43, 1445-1456	8.7	23
476	What Are the Causes for Discrepancies of Antidepressant Actions of (2R,6R)-Hydroxynorketamine?. <i>Biological Psychiatry</i> , 2018 , 84, e7-e8	7.9	20
475	5-Hydroxytryptamine-Independent Antidepressant Actions of (R)-Ketamine in a Chronic Social Defeat Stress Model. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 157-163	5.8	34
474	Lack of Antidepressant Effects of (2R,6R)-Hydroxynorketamine in a Rat Learned Helplessness Model: Comparison with (R)-Ketamine. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 84-88	5.8	71
473	Lack of dopamine supersensitivity in rats after chronic administration of blonanserin: Comparison with haloperidol. <i>European Journal of Pharmacology</i> , 2018 , 830, 26-32	5.3	7
472	Impact of aerobic exercise on cognitive impairment and oxidative stress markers in methamphetamine-dependent patients. <i>Psychiatry Research</i> , 2018 , 266, 328-333	9.9	22
471	Deletion of serine racemase confers D-serine -dependent resilience to chronic social defeat stress. <i>Neurochemistry International</i> , 2018 , 116, 43-51	4.4	11
470	Plasma Levels of Soluble Tumor Necrosis Factor Receptor 2 (sTNFR2) Are Associated with Hippocampal Volume and Cognitive Performance in Patients with Schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 631-639	5.8	13
469	Regional differences in dendritic spine density confer resilience to chronic social defeat stress. <i>Acta Neuropsychiatrica</i> , 2018 , 30, 117-122	3.9	28
468	Mechanistic Target of Rapamycin-Independent Antidepressant Effects of (R)-Ketamine in a Social Defeat Stress Model. <i>Biological Psychiatry</i> , 2018 , 83, 18-28	7.9	124

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30	Interactions of erythro-ifenprodil, threo-ifenprodil, erythro-iodoifenprodil, and eliprodil with subtypes of sigma receptors. <i>European Journal of Pharmacology</i> , 1995 , 273, 307-10	5.3	41
29	Suppression of oro-facial movements by rolipram, a cAMP phosphodiesterase inhibitor, in rats chronically treated with haloperidol. <i>European Journal of Pharmacology</i> , 1995 , 282, 71-6	5.3	18
28	Amantadine induces c-fos in rat striatum: reversal with dopamine D1 and NMDA receptor antagonists. <i>European Journal of Pharmacology</i> , 1995 , 285, 207-11	5.3	9
27	Rolipram, a selective c-AMP phosphodiesterase inhibitor suppresses oro-facial dyskinetic movements in rats. <i>Life Sciences</i> , 1995 , 56, PL443-7	6.8	30
26	PPBP [4-phenyl-1-(4-phenylbutyl) piperidine], a potent sigma-receptor ligand, decreases brain injury after transient focal ischemia in cats. <i>Stroke</i> , 1995 , 26, 1676-82	6.7	40
25	Further characterization of [3H]ifenprodil binding in rat brain. <i>European Journal of Pharmacology</i> , 1994 , 266, 67-77		56
24	A case of double synchronous gingival cancer of the mandible.. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1994 , 40, 1184-1186	0.1	
23	A case of a giant cell tumor of the mandible showing rapid growth.. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1994 , 40, 929-931	0.1	
22	Further characterization of [3H]ifenprodil binding to sigma receptors in rat brain. <i>European Journal of Pharmacology</i> , 1993 , 236, 159-63	5.3	72
21	Drug effects on distribution of [3H]3,4-methylenedioxymethamphetamine in mice. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1993 , 228, 247-56		3
20	Effects of benzylpiperazine derivatives on the acute effects of 3,4-methylenedioxymethamphetamine in rat brain. <i>Neuroscience Letters</i> , 1993 , 152, 17-20	3.3	4
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17	High-affinity [3H]6-nitroquipazine binding to the 5-hydroxytryptamine transport system in rat lung. <i>Biochemical Pharmacology</i> , 1991 , 41, 1679-82	6	6
16	Synthesis of racemic, S(+)- and R(-)-N-[methyl-3H]3,4-methylenedioxyamphetamine. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1990 , 28, 465-469	1.9	3
15	High-affinity [3H]6-nitroquipazine binding sites in rat brain. <i>European Journal of Pharmacology</i> , 1990 , 180, 273-81	5.3	38
14	High-affinity binding of [3H]6-nitroquipazine to 5-hydroxytryptamine transporter in human platelets. <i>European Journal of Pharmacology</i> , 1990 , 187, 295-302	5.3	7
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