Raul R Gainetdinov

List of Publications by Year
in descending order

315	35,640	3933	3487
papers	citations	88 h-index	182 g-index

338	338	338	30597
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Divergent Dimethylarginine Dimethylaminohydrolase Isoenzyme Expression in the Central Nervous System. Cellular and Molecular Neurobiology, 2022, 42, 2273-2288.	3.3	8
2	Chronic post-COVID-19 syndrome and chronic fatigue syndrome: Is there a role for extracorporeal apheresis?. Molecular Psychiatry, 2022, 27, 34-37.	7.9	59
3	Trace amine-associated receptors at the cross-road between innate olfaction of amines, emotions, and adult neurogenesis. Neural Regeneration Research, 2022, 17, 1257.	3.0	7
4	Deregulation of Trace Amine-Associated Receptors (TAAR) Expression and Signaling Mode in Melanoma. Biomolecules, 2022, 12, 114.	4.0	3
5	Sexual dimorphism in COVID-19: potential clinical and public health implications. Lancet Diabetes and Endocrinology,the, 2022, 10, 221-230.	11.4	78
6	Modulation of Spatial Memory Deficit and Hyperactivity in Dopamine Transporter Knockout Rats via Î±2A-Adrenoceptors. Frontiers in Psychiatry, 2022, 13, 851296.	2.6	6
7	Discovery of Novel Trace Amine-Associated Receptor 5 (TAAR5) Antagonists Using a Deep Convolutional Neural Network. International Journal of Molecular Sciences, 2022, 23, 3127.	4.1	5
8	Trace Amine-Associated Receptor 2 Is Expressed in the Limbic Brain Areas and Is Involved in Dopamine Regulation and Adult Neurogenesis. Frontiers in Behavioral Neuroscience, 2022, 16, 847410.	2.0	13
9	Search for Structural Basis of Interactions of Biogenic Amines with Human TAAR1 and TAAR6 Receptors. International Journal of Molecular Sciences, 2022, 23, 209.	4.1	6
10	Applying a Fast-Scan Cyclic Voltammetry to Explore Dopamine Dynamics in Animal Models of Neuropsychiatric Disorders. Cells, 2022, 11, 1533.	4.1	10
11	Evaluation of Approach to a Conspecific and Blood Biochemical Parameters in TAAR1 Knockout Mice. Brain Sciences, 2022, 12, 614.	2.3	3
12	Expression of Trace Amine-Associated Receptors in the Murine and Human Hippocampus Based on Public Transcriptomic Data. Cells, 2022, 11, 1813.	4.1	6
13	Trace Amine Associate Receptor 1 (TAAR1) as a New Target for the Treatment of Cognitive Dysfunction in Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2022, 23, 7811.	4.1	5
14	Effects of acute and chronic arecoline in adult zebrafish: Anxiolytic-like activity, elevated brain monoamines and the potential role of microglia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 104, 109977.	4.8	36
15	A genome-wide association study identifies a gene network associated with paranoid schizophrenia and antipsychotics-induced tardive dyskinesia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 105, 110134.	4.8	4
16	Increased dopamine transmission and adult neurogenesis in trace amine-associated receptor 5 (TAAR5) knockout mice. Neuropharmacology, 2021, 182, 108373.	4.1	28
17	Ouabain-Induced Gene Expression Changes in Human iPSC-Derived Neuron Culture Expressing Dopamine and cAMP-Regulated Phosphoprotein 32 and GABA Receptors. Brain Sciences, 2021, 11, 203.	2.3	2
18	Early Adolescence Prefrontal Cortex Alterations in Female Rats Lacking Dopamine Transporter. Biomedicines, 2021, 9, 157.	3.2	10

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19	Genetic Deletion of Trace-Amine Associated Receptor 9 (TAAR9) in Rats Leads to Decreased Blood Cholesterol Levels. International Journal of Molecular Sciences, 2021, 22, 2942.	4.1	7
20	A New Paradigm for Training Hyperactive Dopamine Transporter Knockout Rats: Influence of Novel Stimuli on Object Recognition. Frontiers in Behavioral Neuroscience, 2021, 15, 654469.	2.0	8
21	Viral infiltration of pancreatic islets in patients with COVID-19. Nature Communications, 2021, 12, 3534.	12.8	120
22	Novel medium-sized di(het)areno-fused 1,4,7-(oxa)thiadiazecines as probes for aminergic receptors. Mendeleev Communications, 2021, 31, 501-503.	1.6	1
23	Minor Changes in Erythrocyte Osmotic Fragility in Trace Amine-Associated Receptor 5 (TAAR5) Knockout Mice. International Journal of Molecular Sciences, 2021, 22, 7307.	4.1	5
24	Rare cis-configured 2,4-disubstituted 1-alkylpiperidines: synthesized and tested against trace-amine-associated receptor 1 (TAAR1). Mendeleev Communications, 2021, 31, 488-489.	1.6	6
25	Pattern of TAAR5 Expression in the Human Brain Based on Transcriptome Datasets Analysis. International Journal of Molecular Sciences, 2021, 22, 8802.	4.1	10
26	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G proteinâ€coupled receptors. British Journal of Pharmacology, 2021, 178, S27-S156.	5.4	337
27	Trace Amine-Associated Receptors. , 2021, , 1-6.		0
28	Rare single nucleotide variants in COL5A1 promoter do not play a major role in keratoconus susceptibility associated with rs1536482. BMC Ophthalmology, 2021, 21, 357.	1.4	1
29	Disruption of the PDZ domainâ€“binding motif of the dopamine transporter uniquely alters nanoscale distribution, dopamine homeostasis, and reward motivation. Journal of Biological Chemistry, 2021, 297, 101361.	3.4	5
30	Dopamine System. , 2021, , 554-560.		0
31	Trace Amine-Associated Receptors. , 2021, , 1498-1504.		0
32	Linking Ethanol-Addictive Behaviors With Brain Catecholamines: Release Pattern Matters. Frontiers in Behavioral Neuroscience, 2021, 15, 795030.	2.0	7
33	Minimal Age-Related Alterations in Behavioral and Hematological Parameters in Trace Amine-Associated Receptor 1 (TAAR1) Knockout Mice. Cellular and Molecular Neurobiology, 2020, 40, 273-282.	3.3	7
34	Putative Trace-AmineÂAssociated Receptor 5 (TAAR5) Agonist Î±-NETA Increases Electrocorticogram Gamma-Rhythm in Freely Moving Rats. Cellular and Molecular Neurobiology, 2020, 40, 203-213.	3.3	13
35	The Action of TAAR1 Agonist RO5263397 on Executive Functions in Rats. Cellular and Molecular Neurobiology, 2020, 40, 215-228.	3.3	10
36	Current challenges and possible future developments in personalized psychiatry with an emphasis on psychotic disorders. Heliyon, 2020, 6, e03990.	3.2	15

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37	P.059 Identifying the role of trace amine-associated receptor 9 in behaviour, brain neurochemistry and blood biochemistry. European Neuropsychopharmacology, 2020, 40, S39-S40.	0.7	0
38	P.062 Dopamine reuptake deficiency does not affect motor long-term motor memory in dopamine transporter-knockout rats. European Neuropsychopharmacology, 2020, 40, S41.	0.7	0
39	Understanding complex dynamics of behavioral, neurochemical and transcriptomic changes induced by prolonged chronic unpredictable stress in zebrafish. Scientific Reports, 2020, 10, 19981.	3.3	24
40	Novel 1-Amidino-4-Phenylpiperazines as Potent Agonists at Human TAAR1 Receptor: Rational Design, Synthesis, Biological Evaluation and Molecular Docking Studies. Pharmaceuticals, 2020, 13, 391.	3.8	20
41	Enhanced Dopamine Transmission and Hyperactivity in the Dopamine Transporter Heterozygous Mice Lacking the D3 Dopamine Receptor. International Journal of Molecular Sciences, 2020, 21, 8216.	4.1	5
42	A low-cost and customizable alternative for commercial implantable cannula for intracerebral administration in mice. HardwareX, 2020, 8, e00120.	2.2	2
43	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and the neuroendocrine stress axis. Molecular Psychiatry, 2020, 25, 1611-1617.	7.9	70
44	Altered Sexual Behavior in Dopamine Transporter (DAT) Knockout Male Rats: A Behavioral, Neurochemical and Intracerebral Microdialysis Study. Frontiers in Behavioral Neuroscience, 2020, 14, 58.	2.0	30
45	Rats Lacking Dopamine Transporter Display Increased Vulnerability and Aberrant Autonomic Response to Acute Stress. Biomolecules, 2020, 10, 842.	4.0	14
46	Trace Amine-Associated Receptor 5 Provides Olfactory Input Into Limbic Brain Areas and Modulates Emotional Behaviors and Serotonin Transmission. Frontiers in Molecular Neuroscience, 2020, 13, 18.	2.9	45
47	The zebrafish tail immobilization (ZTI) test as a new tool to assess stress-related behavior and a potential screen for drugs affecting despair-like states. Journal of Neuroscience Methods, 2020, 337, 108637.	2.5	25
48	Dopamine System. , 2020, , 1-7.		0
49	Deficit in working memory and abnormal behavioral tactics in dopamine transporter knockout rats during training in the 8-arm maze. Behavioural Brain Research, 2020, 390, 112642.	2.2	22
50	Cell Replacement Therapy in Parkinsonâ€™s Diseaseâ€”History of Development and Prospects for Use in Clinical Practice. Molecular Biology, 2020, 54, 827-839.	1.3	1
51	CRISPR/Cas9 Technology in Translational Biomedicine. Cellular Physiology and Biochemistry, 2020, 54, 354-370.	1.6	25
52	Intracerebroventricular injection of ouabain causes mania-like behavior in mice through D2 receptor activation. Scientific Reports, 2019, 9, 15627.	3.3	21
53	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G proteinâ€coupled receptors. British Journal of Pharmacology, 2019, 176, S21-S141.	5.4	519
54	Effect of alpha-NETA on auditory event related potentials in sensory gating study paradigm in mice. Neuroscience Letters, 2019, 712, 134470.	2.1	7

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55	Opening up new horizons for psychiatric genetics in the Russian Federation: moving toward a national consortium. Molecular Psychiatry, 2019, 24, 1099-1111.	7.9	11
56	Trace Amine-Associated Receptor 1 Agonist Modulates Mismatch Negativity-Like Responses in Mice. Frontiers in Pharmacology, 2019, 10, 470.	3.5	15
57	The TAAR5 agonist Î±-NETA causes dyskinesia in mice. Neuroscience Letters, 2019, 704, 208-211.	2.1	5
58	Effects of dopamine level on object recognition and formation of cognitive maps in rats. European Neuropsychopharmacology, 2019, 29, S139-S140.	0.7	1
59	Comparative analysis of the influence of a high-fat/high-carbohydrate diet on the level of anxiety and neuromotor and cognitive functions in Wistar and DAT-KO rats. Physiological Reports, 2019, 7, e13987.	1.7	15
60	Identification of a novel trace amine-associated receptor 1 agonist with in vivo activity. European Neuropsychopharmacology, 2019, 29, S190.	0.7	2
61	Effect of trace amine-associated receptor 1 agonist RO5263397 on sensory gating in mice. NeuroReport, 2019, 30, 1004-1007.	1.2	10
62	P.112 Impaired conditioning in dopamine transporter knockout rats. European Neuropsychopharmacology, 2019, 29, S94-S95.	0.7	0
63	In vivo voltammetric evidence that locus coeruleus activation predominantly releases norepinephrine in the infralimbic cortex: Effect of acute ethanol. Synapse, 2019, 73, e22080.	1.2	8
64	Behavioral characterization of DAT-KO rats and evidence of asocial-like phenotypes in DAT-HET rats: The potential involvement of norepinephrine system. Behavioural Brain Research, 2019, 359, 516-527.	2.2	38
65	Activation of trace amine-associated receptor 1 attenuates schedule-induced polydipsia in rats. Neuropharmacology, 2019, 144, 184-192.	4.1	12
66	Real-Time Accumbal Dopamine Response to Negative Stimuli: Effects of Ethanol. ACS Chemical Neuroscience, 2019, 10, 1986-1991.	3.5	9
67	Dopamine receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	8
68	Ð¡Ð¾Ð²Ñ€ÐµÐ¼ÐµÐ½Ð½Ð¾Ðµ Ñ€Ð¾Ñ‚,Ð¾ÑÐ½Ð¸Ðµ Ð¼Ð¾Ð»Ð¾ÐºÐ¾ÑƒÐ½Ð¾-Ð³ÐµÐ½Ð½ÐµÑ‚Ð¸Ñ‡ÐµÑÐºÐ¸Ñ…. Ð¸Ñ‚Ð»		
69	Understanding antidepressant discontinuation syndrome (ADS) through preclinical experimental models. European Journal of Pharmacology, 2018, 829, 129-140.	3.5	12
70	Noveltyâ€related behavior of young and adult dopamine transporter knockout rats: Implication for cognitive and emotional phenotypic patterns. Genes, Brain and Behavior, 2018, 17, e12463.	2.2	27
71	Pronounced Hyperactivity, Cognitive Dysfunctions, and BDNF Dysregulation in Dopamine Transporter Knock-out Rats. Journal of Neuroscience, 2018, 38, 1959-1972.	3.6	148
72	Rational design, chemical synthesis and biological evaluation of novel biguanides exploring species-specificity responsiveness of TAAR1 agonists. European Journal of Medicinal Chemistry, 2018, 146, 171-184.	5.5	28

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73	TAAR5 receptor agonist affects sensory gating in rats. Neuroscience Letters, 2018, 666, 144-147.	2.1	14
74	Human Accelerated Regions and Other Human-Specific Sequence Variations in the Context of Evolution and Their Relevance for Brain Development. Genome Biology and Evolution, 2018, 10, 166-188.	2.5	61
75	Identification of TAAR5 Agonist Activity of Alpha-NETA and Its Effect on Mismatch Negativity Amplitude in Awake Rats. Neurotoxicity Research, 2018, 34, 442-451.	2.7	18
76	No tolerance to anticompulsive activity of trace amine-associated receptor 1 agonist following repeated administration. European Neuropsychopharmacology, 2018, 28, S38-S39.	0.7	1
77	Interplay between the key proteins of serotonin system in SSRI antidepressants efficacy. Expert Opinion on Therapeutic Targets, 2018, 22, 319-330.	3.4	32
78	Role of Dopamine D2/D3 Receptors in Development, Plasticity, and Neuroprotection in Human iPSC-Derived Midbrain Dopaminergic Neurons. Molecular Neurobiology, 2018, 55, 1054-1067.	4.0	30
79	Trace amine-associated receptor 1: a multimodal therapeutic target for neuropsychiatric diseases. Expert Opinion on Therapeutic Targets, 2018, 22, 513-526.	3.4	50
80	Trace Amines and Their Receptors. Pharmacological Reviews, 2018, 70, 549-620.	16.0	248
81	Dopamine D₂ Receptor Supersensitivity as a Spectrum of Neurotoxicity and Status in Psychiatric Disorders. Journal of Pharmacology and Experimental Therapeutics, 2018, 366, 519-526.	2.5	14
82	Trace Amine-Associated Receptor 1 Modulates the Locomotor and Sensitization Effects of Nicotine. Frontiers in Pharmacology, 2018, 9, 329.	3.5	27
83	Biochemical and Functional Characterization of the Trace Amine-Associated Receptor 1 (TAAR1) Agonist RO5263397. Frontiers in Pharmacology, 2018, 9, 645.	3.5	21
84	Behavioral Phenotyping of Dopamine Transporter Knockout Rats: Compulsive Traits, Motor Stereotypies, and Anhedonia. Frontiers in Psychiatry, 2018, 9, 43.	2.6	77
85	The Effects of Chronic Amitriptyline on Zebrafish Behavior and Monoamine Neurochemistry. Neurochemical Research, 2018, 43, 1191-1199.	3.3	38
86	Behavioral Effects of a Potential Novel TAAR1 Antagonist. Frontiers in Pharmacology, 2018, 9, 953.	3.5	8
87	Novel translational rat models of dopamine transporter deficiency. Neural Regeneration Research, 2018, 13, 2091.	3.0	13
88	Trace Amine-Associated Receptor 1 (TAAR1). , 2018, , 5567-5577.		0
89	Recombinant Adeno-Associated Virus-mediated rescue of function in a mouse model of Dopamine Transporter Deficiency Syndrome. Scientific Reports, 2017, 7, 46280.	3.3	16
90	No effect of C1473G polymorphism in the tryptophan hydroxylase 2 gene on the response of the brain serotonin system to chronic fluoxetine treatment in mice. Neuroscience Letters, 2017, 653, 264-268.	2.1	8

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91	Psychedelic Drugs in Biomedicine. Trends in Pharmacological Sciences, 2017, 38, 992-1005.	8.7	113
92	THE CONCISE GUIDE TO PHARMACOLOGY 2017/18: Overview. British Journal of Pharmacology, 2017, 174, S1-S16.	5.4	269
93	Pharmacology of human trace amine-associated receptors: Therapeutic opportunities and challenges. , 2017, 180, 161-180.		159
94	Novel biguanide-based derivatives scouted as TAAR1 agonists: Synthesis, biological evaluation, ADME prediction and molecular docking studies. European Journal of Medicinal Chemistry, 2017, 127, 781-792.	5.5	38
95	A Caenorhabditis elegans model to study dopamine transporter deficiency syndrome. European Journal of Neuroscience, 2017, 45, 207-214.	2.6	11
96	The after-hours circadian mutant has reduced phenotypic plasticity in behaviors at multiple timescales and in sleep homeostasis. Scientific Reports, 2017, 7, 17765.	3.3	7
97	Trace Amine-Associated Receptor 1 (TAAR1). , 2017, , 1-12.		1
98	Optogenetics: Applications in neurobiology. Biological Communications, 2017, 62, 261-271.	0.8	0
99	Dimensions of GSK3 Monoamine-Related Intracellular Signaling in Schizophrenia. Handbook of Behavioral Neuroscience, 2016, 23, 447-462.	0.7	0
100	Differences in effects of NMDA receptor antagonists in BARR2-KO mice. European Neuropsychopharmacology, 2016, 26, S276.	0.7	0
101	Adenylyl cyclase activating polypeptide reduces phosphorylation and toxicity of the polyglutamine-expanded androgen receptor in spinobulbar muscular atrophy. Science Translational Medicine, 2016, 8, 370ra181.	12.4	37
102	Peripheral immunization of mice to produce antibodies against NMDA receptor as a potential approach to create a rodent model of schizophrenia. European Neuropsychopharmacology, 2016, 26, S271-S272.	0.7	0
103	Understanding autism and other neurodevelopmental disorders through experimental translational neurobehavioral models. Neuroscience and Biobehavioral Reviews, 2016, 65, 292-312.	6.1	63
104	Genetic and environmental modulation of neurodevelopmental disorders: Translational insights from labs to beds. Brain Research Bulletin, 2016, 125, 79-91.	3.0	43
105	G protein-coupled receptor kinases as regulators of dopamine receptor functions. Pharmacological Research, 2016, 111, 1-16.	7.1	100
106	Hit-to-Lead Optimization of Mouse Trace Amine Associated Receptor 1 (mTAAR1) Agonists with a Diphenylmethane-Scaffold: Design, Synthesis, and Biological Study. Journal of Medicinal Chemistry, 2016, 59, 9825-9836.	6.4	19
107	Regulation of Dopamine-Dependent Behaviors by G Protein-Coupled Receptor Kinases. Methods in Pharmacology and Toxicology, 2016, , 237-269.	0.2	1
108	Optogenetically-induced tonic dopamine release from VTA-nucleus accumbens projections inhibits reward consummatory behaviors. Neuroscience, 2016, 333, 54-64.	2.3	48

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109	Cross-hemispheric dopamine projections have functional significance. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6985-6990.	7.1	55
110	Dopamine transporter mutant animals: a translational perspective. Journal of Neurogenetics, 2016, 30, 5-15.	1.4	61
111	Increased context-dependent conditioning to amphetamine in mice lacking TAAR1. Pharmacological Research, 2016, 103, 206-214.	7.1	33
112	A homology modelling-driven study leading to the discovery of the first mouse trace amine-associated receptor 5 (TAAR5) antagonists. MedChemComm, 2016, 7, 353-364.	3.4	30
113	The Concise Guide to PHARMACOLOGY 2015/16: Overview. British Journal of Pharmacology, 2015, 172, 5729-5743.	5.4	220
114	The Concise Guide to PHARMACOLOGY 2015/16: Ligandâ€gated ion channels. British Journal of Pharmacology, 2015, 172, 5870-5903.	5.4	133
115	The Concise Guide to PHARMACOLOGY 2015/16: Nuclear hormone receptors. British Journal of Pharmacology, 2015, 172, 5956-5978.	5.4	119
116	The Concise Guide to PHARMACOLOGY 2015/16: Enzymes. British Journal of Pharmacology, 2015, 172, 6024-6109.	5.4	521
117	The Concise Guide to PHARMACOLOGY 2015/16: Transporters. British Journal of Pharmacology, 2015, 172, 6110-6202.	5.4	190
118	The Concise Guide to PHARMACOLOGY 2015/16: G proteinâ€coupled receptors. British Journal of Pharmacology, 2015, 172, 5744-5869.	5.4	507
119	The trace amine-associated receptor 1 modulates methamphetamine's neurochemical and behavioral effects. Frontiers in Neuroscience, 2015, 9, 39.	2.8	57
120	Design, Synthesis, and Evaluation of Thyronamine Analogues as Novel Potent Mouse Trace Amine Associated Receptor 1 (mTAAR1) Agonists. Journal of Medicinal Chemistry, 2015, 58, 5096-5107.	6.4	42
121	The Concise Guide to PHARMACOLOGY 2015/16: Voltageâ€gated ion channels. British Journal of Pharmacology, 2015, 172, 5904-5941.	5.4	176
122	The Concise Guide to PHARMACOLOGY 2015/16: Catalytic receptors. British Journal of Pharmacology, 2015, 172, 5979-6023.	5.4	158
123	The Concise Guide to PHARMACOLOGY 2015/16: Other ion channels. British Journal of Pharmacology, 2015, 172, 5942-5955.	5.4	40
124	Dopamine receptors â€“ <scp>IUPHAR R</scp>eview 13. British Journal of Pharmacology, 2015, 172, 1-23.	5.4	409
125	Postsynaptic D2 dopamine receptor supersensitivity in the striatum of mice lacking TAAR1. Neuropharmacology, 2015, 93, 308-313.	4.1	88
126	In-vivo pharmacology of Trace-Amine Associated Receptor 1. European Journal of Pharmacology, 2015, 763, 136-142.	3.5	32

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127	Targeting Î²-arrestin2 in the treatment of <scp>l</scp> -DOPAâ€“induced dyskinesia in Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2517-26.	7.1	91
128	TAAR1 Modulates Cortical Glutamate NMDA Receptor Function. Neuropsychopharmacology, 2015, 40, 2217-2227.	5.4	98
129	Rapid Conversion of Fibroblasts into Functional Forebrain GABAergic Interneurons by Direct Genetic Reprogramming. Cell Stem Cell, 2015, 17, 719-734.	11.1	152
130	Increased expression of the dopamine transporter leads to loss of dopamine neurons, oxidative stress and l-DOPA reversible motor deficits. Neurobiology of Disease, 2015, 74, 66-75.	4.4	119
131	TAAR1-dependent effects of apomorphine in mice. International Journal of Neuropsychopharmacology, 2014, 17, 1683-1693.	2.1	35
132	Sustained Nâ€methylâ€<scp>d</scp>â€aspartate receptor hypofunction remodels the dopamine system and impairs phasic signaling. European Journal of Neuroscience, 2014, 40, 2255-2263.	2.6	15
133	Neuronal Functions and Emerging Pharmacology of TAAR1. Topics in Medicinal Chemistry, 2014, , 175-194.	0.8	6
134	The Dopamine Transporter Expression Level Differentially Affects Responses to Cocaine and Amphetamine. Journal of Neurogenetics, 2014, 28, 112-121.	1.4	25
135	Dopamine D2 Receptor Relies upon PPM/PP2C Protein Phosphatases to Dephosphorylate Huntingtin Protein. Journal of Biological Chemistry, 2014, 289, 11715-11724.	3.4	21
136	The Electroretinogram as a Biomarker of Central Dopamine and Serotonin: Potential Relevance to Psychiatric Disorders. Biological Psychiatry, 2014, 75, 479-486.	1.3	89
137	Further Insights Into the Pharmacology of the Human Trace Amineâ€Associated Receptors: Discovery of Novel Ligands for <scp>TAAR</scp>1 by a Virtual Screening Approach. Chemical Biology and Drug Design, 2014, 84, 712-720.	3.2	41
138	Selective Deletion of GRK2 Alters Psychostimulant-Induced Behaviors and Dopamine Neurotransmission. Neuropsychopharmacology, 2014, 39, 2450-2462.	5.4	19
139	Activation of the Trace Amine-Associated Receptor 1 Prevents Relapse to Cocaine Seeking. Neuropsychopharmacology, 2014, 39, 2299-2308.	5.4	75
140	In Vivo Amphetamine Action is Contingent on Î±CaMKII. Neuropsychopharmacology, 2014, 39, 2681-2693.	5.4	51
141	Exogenous Â-Synuclein Decreases Raft Partitioning of Cav2.2 Channels Inducing Dopamine Release. Journal of Neuroscience, 2014, 34, 10603-10615.	3.6	53
142	Taar1-mediated modulation of presynaptic dopaminergic neurotransmission: Role of D2 dopamine autoreceptors. Neuropharmacology, 2014, 81, 283-291.	4.1	133
143	Remote control of induced dopaminergic neurons in parkinsonian rats. Journal of Clinical Investigation, 2014, 124, 3215-3229.	8.2	104
144	Trace Amines and Their Receptors. , 2014, , 92-93.		0

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145	Transgenic mouse models for ADHD. Cell and Tissue Research, 2013, 354, 259-271.	2.9	62
146	Chronic SSRI Treatment Exacerbates Serotonin Deficiency in Humanized Tph2 Mutant Mice. ACS Chemical Neuroscience, 2013, 4, 84-88.	3.5	39
147	Insights into the Structure and Pharmacology of the Human Trace Amineâ€Associated Receptor 1 (hTAAR1): Homology Modelling and Docking Studies. Chemical Biology and Drug Design, 2013, 81, 509-516.	3.2	52
148	BRET Approaches to Characterize Dopamine and TAAR1 Receptor Pharmacology and Signaling. Methods in Molecular Biology, 2013, 964, 107-122.	0.9	17
149	Rapid Generation of Functional Dopaminergic Neurons From Human Induced Pluripotent Stem Cells Through a Single-Step Procedure Using Cell Lineage Transcription Factors. Stem Cells Translational Medicine, 2013, 2, 473-479.	3.3	81
150	D₁Dopamine Receptor Coupling to PLCÎ² Regulates Forward Locomotion in Mice. Journal of Neuroscience, 2013, 33, 18125-18133.	3.6	46
151	Long-term optical stimulation of channelrhodopsin-expressing neurons to study network plasticity. Frontiers in Molecular Neuroscience, 2013, 6, 22.	2.9	32
152	BRET biosensors to study GPCR biology, pharmacology, and signal transduction. Frontiers in Endocrinology, 2012, 3, 105.	3.5	87
153	The role of GRK6 in animal models of Parkinson's Disease and L-DOPA treatment. Scientific Reports, 2012, 2, 301.	3.3	22
154	Gene-dose dependent effects of methamphetamine on interval timing in dopamine-transporter knockout mice. Neuropharmacology, 2012, 62, 1221-1229.	4.1	70
155	Trace Amine-Associated Receptor 1 Partial Agonism Reveals Novel Paradigm for Neuropsychiatric Therapeutics. Biological Psychiatry, 2012, 72, 934-942.	1.3	155
156	Role of Catechol-O-Methyltransferase (COMT)-Dependent Processes in Parkinsonâ€™s Disease and L-DOPA Treatment. CNS and Neurological Disorders - Drug Targets, 2012, 11, 251-263.	1.4	19
157	Rod Vision Is Controlled by Dopamine-Dependent Sensitization of Rod Bipolar Cells by GABA. Neuron, 2011, 72, 101-110.	8.1	93
158	Beyond cAMP: the regulation of Akt and GSK3 by dopamine receptors. Frontiers in Molecular Neuroscience, 2011, 4, 38.	2.9	120
159	A functional alternative splicing mutation in human tryptophan hydroxylase-2. Molecular Psychiatry, 2011, 16, 1169-1176.	7.9	21
160	Functional Interaction between Trace Amine-Associated Receptor 1 and Dopamine D2 Receptor. Molecular Pharmacology, 2011, 80, 416-425.	2.3	175
161	The Physiology, Signaling, and Pharmacology of Dopamine Receptors. Pharmacological Reviews, 2011, 63, 182-217.	16.0	2,109
162	Direct generation of functional dopaminergic neurons from mouse and human fibroblasts. Nature, 2011, 476, 224-227.	27.8	941

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163	TAAR1 activation modulates monoaminergic neurotransmission, preventing hyperdopaminergic and hypoglutamatergic activity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8485-8490.	7.1	287
164	Paracrine modulation of cholangiocyte serotonin synthesis orchestrates biliary remodeling in adults. American Journal of Physiology - Renal Physiology, 2011, 300, G303-G315.	3.4	39
165	Elimination of the Vesicular Acetylcholine Transporter in the Striatum Reveals Regulation of Behaviour by Cholinergic-Glutamatergic Co-Transmission. PLoS Biology, 2011, 9, e1001194.	5.6	80
166	Strengths and limitations of genetic models of ADHD. ADHD Attention Deficit and Hyperactivity Disorders, 2010, 2, 21-30.	1.7	22
167	The Dopamine Metabolite 3-Methoxytyramine Is a Neuromodulator. PLoS ONE, 2010, 5, e13452.	2.5	76
168	Noradrenergic Control of Cortico-Striato-Thalamic and Mesolimbic Cross-Structural Synchrony. Journal of Neuroscience, 2010, 30, 6387-6397.	3.6	38
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