

# Gianluigi Tanda

## List of Publications by Year in descending order

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Version: 2024-02-01

111  
papers

9,712  
citations

41344

49  
h-index

36028

97  
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113  
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113  
docs citations

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times ranked

6413  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modafinil and its structural analogs as atypical dopamine uptake inhibitors and potential medications for psychostimulant use disorder. <i>Current Opinion in Pharmacology</i> , 2021, 56, 13-21.	3.5	20
2	Cocaine-induced locomotor stimulation involves autophagic degradation of the dopamine transporter. <i>Molecular Psychiatry</i> , 2021, 26, 370-382.	7.9	15
3	Psychostimulant Use Disorder, an Unmet Therapeutic Goal: Can Modafinil Narrow the Gap?. <i>Frontiers in Neuroscience</i> , 2021, 15, 656475.	2.8	15
4	Elevated body fat increases amphetamine accumulation in brain: evidence from genetic and diet-induced forms of adiposity. <i>Translational Psychiatry</i> , 2021, 11, 427.	4.8	1
5	Synaptic Zn <sup>2+</sup> potentiates the effects of cocaine on striatal dopamine neurotransmission and behavior. <i>Translational Psychiatry</i> , 2021, 11, 570.	4.8	3
6	Structure-Activity Relationships for a Series of (Bis(4-fluorophenyl)methyl)sulfinyl Alkyl Alicyclic Amines at the Dopamine Transporter: Functionalizing the Terminal Nitrogen Affects Affinity, Selectivity, and Metabolic Stability. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2343-2357.	6.4	20
7	A further assessment of a role for Toll-like receptor 4 in the reinforcing and reinstating effects of opioids. <i>Behavioural Pharmacology</i> , 2020, 31, 186-195.	1.7	14
8	Structure-activity relationships for a series of (Bis(4-fluorophenyl)methyl)sulfinylethyl-aminopiperidines and -piperidine amines at the dopamine transporter: Bioisosteric replacement of the piperazine improves metabolic stability. <i>European Journal of Medicinal Chemistry</i> , 2020, 208, 112674.	5.5	13
9	Cocaine-Induced Locomotor Stimulation is Mediated by Autophagic Degradation of the Dopamine Transporter. <i>Biological Psychiatry</i> , 2020, 87, S261.	1.3	0
10	Modafinil potentiates cocaine self-administration by a dopamine-independent mechanism: possible involvement of gap junctions. <i>Neuropsychopharmacology</i> , 2020, 45, 1518-1526.	5.4	13
11	Cocaine-induced locomotor stimulation is mediated by autophagic degradation of the dopamine transporter. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
12	Gap Junctions Modulate The Effects Of Modafinil On Cocaine Self-Administration Behavior In A Dopamine-Independent Fashion In Rats. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
13	Brain activity of anandamide: a rewarding bliss?. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 309-323.	6.1	53
14	Effect of systemically administered oxytocin on dose response for methylphenidate self-administration and mesolimbic dopamine levels. <i>Annals of the New York Academy of Sciences</i> , 2019, 1455, 173-184.	3.8	8
15	Translating the atypical dopamine uptake inhibitor hypothesis toward therapeutics for treatment of psychostimulant use disorders. <i>Neuropsychopharmacology</i> , 2019, 44, 1435-1444.	5.4	35
16	Astrocytic Mechanisms Involving Kynurenic Acid Control $\gamma$ -9-Tetrahydrocannabinol-Induced Increases in Glutamate Release in Brain Reward-Processing Areas. <i>Molecular Neurobiology</i> , 2019, 56, 3563-3575.	4.0	20
17	Pharmacological classification of centrally acting drugs using EEG in freely moving rats: an old tool to identify new atypical dopamine uptake inhibitors. <i>Neuropharmacology</i> , 2019, 161, 107446.	4.1	8
18	Distinct effects of (R)-modafinil and its (R)- and (S)-fluoroanalogues on mesolimbic extracellular dopamine assessed by voltammetry and microdialysis in rats. <i>European Journal of Neuroscience</i> , 2019, 50, 2045-2053.	2.6	15

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19	Effects of ( <i>R</i> )-Modafinil and Modafinil Analogues on Dopamine Dynamics Assessed by Voltammetry and Microdialysis in the Mouse Nucleus Accumbens Shell. ACS Chemical Neuroscience, 2019, 10, 2012-2021.	3.5	27
20	Atypical dopamine transporter inhibitors attenuate compulsive-like methamphetamine self-administration in rats. Neuropharmacology, 2018, 131, 96-103.	4.1	21
21	New Perspectives on the Use of Cannabis in the Treatment of Psychiatric Disorders. Medicines (Basel), 2019, 8, 1431-1440.	1.4	30
22	Key role of the dopamine D <sub>4</sub> receptor in the modulation of corticostriatal glutamatergic neurotransmission. Science Advances, 2017, 3, e1601631.	10.3	48
23	The Novel Modafinil Analog, JJC8-016, as a Potential Cocaine Abuse Pharmacotherapeutic. Neuropsychopharmacology, 2017, 42, 1871-1883.	5.4	29
24	The unique psychostimulant profile of (±)-modafinil: investigation of behavioral and neurochemical effects in mice. European Journal of Neuroscience, 2017, 45, 167-174.	2.6	32
25	Oxytocin's Effects in Cocaine and Other Psychostimulant Addictions. , 2017, , 227-234.		1
26	Preclinical studies on the reinforcing effects of cannabinoids. A tribute to the scientific research of Dr. Steve Goldberg. Psychopharmacology, 2016, 233, 1845-1866.	3.1	29
27	Rapid and sustained antidepressant properties of an NMDA antagonist/monoamine reuptake inhibitor identified via transporter-based virtual screening. Pharmacology Biochemistry and Behavior, 2016, 150-151, 22-30.	2.9	12
28	Lack of Specific Involvement of (+)-Naloxone and (+)-Naltrexone on the Reinforcing and Neurochemical Effects of Cocaine and Opioids. Neuropsychopharmacology, 2016, 41, 2772-2781.	5.4	49
29	Targeting the Oxytocin System to Treat Addictive Disorders: Rationale and Progress to Date. CNS Drugs, 2016, 30, 109-123.	5.9	86
30	Effect of yohimbine on reinstatement of operant responding in rats is dependent on cue contingency but not food reward history. Addiction Biology, 2015, 20, 690-700.	2.6	58
31	Cocaine-induced endocannabinoid release modulates behavioral and neurochemical sensitization in mice. Addiction Biology, 2015, 20, 91-103.	2.6	40
32	A systematic microdialysis study of dopamine transmission in the accumbens shell/core and prefrontal cortex after acute antipsychotics. Psychopharmacology, 2015, 232, 1427-1440.	3.1	28
33	Preclinical Efficacy of N-Substituted Benztropine Analogs as Antagonists of Methamphetamine Self-Administration in Rats. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 174-191.	2.5	51
34	Preference for Distinct Functional Conformations of the Dopamine Transporter Alters the Relationship between Subjective Effects of Cocaine and Stimulation of Mesolimbic Dopamine. Biological Psychiatry, 2014, 76, 802-809.	1.3	42
35	β <sub>2</sub> -Arrestin 2 knockout mice exhibit sensitized dopamine release and increased reward in response to a low dose of alcohol. Psychopharmacology, 2013, 230, 439-449.	3.1	18
36	Relations between stimulation of mesolimbic dopamine and place conditioning in rats produced by cocaine or drugs that are tolerant to dopamine transporter conformational change. Psychopharmacology, 2013, 229, 307-321.	3.1	19

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37	The neurobiology of modafinil as an enhancer of cognitive performance and a potential treatment for substance use disorders. <i>Psychopharmacology</i> , 2013, 229, 415-434.	3.1	117
38	Reducing cannabinoid abuse and preventing relapse by enhancing endogenous brain levels of kynurenic acid. <i>Nature Neuroscience</i> , 2013, 16, 1652-1661.	14.8	85
39	Self-Administration of Cocaine Induces Dopamine-Independent Self-Administration of Sigma Agonists. <i>Neuropsychopharmacology</i> , 2013, 38, 605-615.	5.4	38
40	Stimulants as Specific Inducers of Dopamine-Independent $\sigma$ Agonist Self-Administration in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 347, 20-29.	2.5	29
41	Peroxisome Proliferator-Activated Nuclear Receptors and Drug Addiction. , 2013, , 235-260.		2
42	In Vivo Binding of N-Substituted Benztrapine Analogs and Antagonism of Cocaine Self-Administration. <i>FASEB Journal</i> , 2013, 27, 659.8.	0.5	0
43	Specificity of cocaine-induced dopamine-independent sigma agonist self-administration. <i>FASEB Journal</i> , 2013, 27, 659.11.	0.5	0
44	R-Modafinil (Armodafinil): A Unique Dopamine Uptake Inhibitor and Potential Medication for Psychostimulant Abuse. <i>Biological Psychiatry</i> , 2012, 72, 405-413.	1.3	121
45	Blockade of Nicotine Reward and Reinstatement by Activation of Alpha-Type Peroxisome Proliferator-Activated Receptors. <i>Biological Psychiatry</i> , 2011, 69, 633-641.	1.3	112
46	Sigma Receptor Agonists: Receptor Binding and Effects on Mesolimbic Dopamine Neurotransmission Assessed by Microdialysis. <i>Biological Psychiatry</i> , 2011, 69, 208-217.	1.3	82
47	Lack of cocaine-like discriminative-stimulus effects of $\sigma$ -receptor agonists in rats. <i>Behavioural Pharmacology</i> , 2011, 22, 525-530.	1.7	22
48	A Role for Sigma Receptors in Stimulant Self Administration and Addiction. <i>Pharmaceuticals</i> , 2011, 4, 880-914.	3.8	56
49	Decreases in Cocaine Self-Administration with Dual Inhibition of the Dopamine Transporter and $\sigma$ Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 339, 662-677.	2.5	71
50	Dopaminergic augmentation of delta-9-tetrahydrocannabinol (THC) discrimination: possible involvement of D2-induced formation of anandamide. <i>Psychopharmacology</i> , 2010, 209, 191-202.	3.1	22
51	Reinforcing Effects of $\sigma$ -Receptor Agonists in Rats Trained to Self-Administer Cocaine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 515-524.	2.5	69
52	Discovery of Drugs to Treat Cocaine Dependence: Behavioral and Neurochemical Effects of Atypical Dopamine Transport Inhibitors. <i>Advances in Pharmacology</i> , 2009, 57, 253-289.	2.0	61
53	Combinations of Cocaine with Other Dopamine Uptake Inhibitors: Assessment of Additivity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 330, 802-809.	2.5	47
54	Fatty acid amide hydrolase (FAAH) inhibition enhances memory acquisition through activation of PPAR- $\alpha$ nuclear receptors. <i>Learning and Memory</i> , 2009, 16, 332-337.	1.3	116

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55	Effects of Acute Administration of Sigma Receptor Ligands on Mesolimbic Dopamine Neurotransmission in Rats. <i>FASEB Journal</i> , 2009, 23, 745-4.	0.5	1
56	Cocaine-like neurochemical effects of antihistaminic medications. <i>Journal of Neurochemistry</i> , 2008, 106, 147-157.	3.9	49
57	The endogenous cannabinoid anandamide has effects on motivation and anxiety that are revealed by fatty acid amide hydrolase (FAAH) inhibition. <i>Neuropharmacology</i> , 2008, 54, 129-140.	4.1	132
58	Blockade of THC-Seeking Behavior and Relapse in Monkeys by the Cannabinoid CB1-Receptor Antagonist Rimonabant. <i>Neuropsychopharmacology</i> , 2008, 33, 2870-2877.	5.4	77
59	The Endocannabinoid System: A New Molecular Target for the Treatment of Tobacco Addiction. <i>CNS and Neurological Disorders - Drug Targets</i> , 2008, 7, 468-481.	1.4	32
60	Inhibition of Anandamide Hydrolysis by Cyclohexyl Carbamic Acid 3-yl Ester (URB597) Reverses Abuse-Related Behavioral and Neurochemical Effects of Nicotine in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 327, 482-490.	2.5	132
61	Nicotinic Facilitation of $\delta^9$ -Tetrahydrocannabinol Discrimination Involves Endogenous Anandamide. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 1127-1134.	2.5	40
62	Nicotinic $\alpha 7$ Receptors as a New Target for Treatment of Cannabis Abuse. <i>Journal of Neuroscience</i> , 2007, 27, 5615-5620.	3.6	83
63	The Endogenous Cannabinoid Anandamide Produces $\delta^9$ -Tetrahydrocannabinol-Like Discriminative and Neurochemical Effects That Are Enhanced by Inhibition of Fatty Acid Amide Hydrolase but Not by Inhibition of Anandamide Transport. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 370-380.	2.5	103
64	Effects of Muscarinic M1 Receptor Blockade on Cocaine-Induced Elevations of Brain Dopamine Levels and Locomotor Behavior in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 334-344.	2.5	49
65	Modulation of the endocannabinoid system: Therapeutic potential against cocaine dependence. <i>Pharmacological Research</i> , 2007, 56, 406-417.	7.1	19
66	Muscarinic preferential M1 receptor antagonists enhance the discriminative-stimulus effects of cocaine in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 87, 400-404.	2.9	14
67	Brain-Derived Neurotrophic Factor Prevents Human Immunodeficiency Virus Type 1 Protein gp120 Neurotoxicity in the Rat Nigrostriatal System. <i>Annals of the New York Academy of Sciences</i> , 2007, 1122, 144-154.	3.8	28
68	Brain-derived neurotrophic factor expression in the substantia nigra does not change after lesions of dopaminergic neurons. <i>Neurotoxicity Research</i> , 2007, 12, 135-143.	2.7	23
69	Involvement of CB1 cannabinoid receptors in cocaine-induced locomotor sensitization after single pre-exposure in mice. <i>FASEB Journal</i> , 2007, 21, A410.	0.5	1
70	Maintenance and reinstatement of THC self-administration behavior under a second-order schedule of reinforcement in squirrel monkeys. <i>FASEB Journal</i> , 2007, 21, A409.	0.5	0
71	Anandamide administration alone and after inhibition of fatty acid amide hydrolase (FAAH) increases dopamine levels in the nucleus accumbens shell in rats. <i>Journal of Neurochemistry</i> , 2006, 98, 408-419.	3.9	196
72	Metabolic Transformation Plays a Primary Role in the Psychostimulant-Like Discriminative-Stimulus Effects of Selegiline [(R)-(-)-Deprenyl]. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 387-394.	2.5	14

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73	Self-administration of cannabinoids by experimental animals and human marijuana smokers. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 81, 285-299.	2.9	110
74	Cannabinoid Agonists but not Inhibitors of Endogenous Cannabinoid Transport or Metabolism Enhance the Reinforcing Efficacy of Heroin in Rats. <i>Neuropsychopharmacology</i> , 2005, 30, 2046-2057.	5.4	92
75	The Endogenous Cannabinoid Anandamide and Its Synthetic Analog R(+)-Methanandamide Are Intravenously Self-Administered by Squirrel Monkeys. <i>Journal of Neuroscience</i> , 2005, 25, 5645-5650.	3.6	91
76	Effects of 4- $\alpha$ -Chloro-3-(diphenylmethoxy)-tropane on Mesostriatal, Mesocortical, and Mesolimbic Dopamine Transmission: Comparison with Effects of Cocaine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 313, 613-620.	2.5	44
77	Histamine H3 Receptor Antagonists Potentiate Methamphetamine Self-Administration and Methamphetamine-Induced Accumbal Dopamine Release. <i>Neuropsychopharmacology</i> , 2004, 29, 705-717.	5.4	86
78	The opioid antagonist naltrexone reduces the reinforcing effects of $\Delta^9$ -tetrahydrocannabinol (THC) in squirrel monkeys. <i>Psychopharmacology</i> , 2004, 173, 186-194.	3.1	100
79	Self-administration of $\Delta^9$ -tetrahydrocannabinol (THC) by drug naive squirrel monkeys. <i>Psychopharmacology</i> , 2003, 169, 135-140.	3.1	202
80	Cannabinoids: reward, dependence, and underlying neurochemical mechanisms? a review of recent preclinical data. <i>Psychopharmacology</i> , 2003, 169, 115-134.	3.1	246
81	Differential Effects of Caffeine on Dopamine and Acetylcholine Transmission in Brain Areas of Drug-naive and Caffeine-pretreated Rats. <i>Neuropsychopharmacology</i> , 2002, 27, 182-193.	5.4	150
82	Self-administration behavior is maintained by the psychoactive ingredient of marijuana in squirrel monkeys. <i>Nature Neuroscience</i> , 2000, 3, 1073-1074.	14.8	315
83	Alteration of the Behavioral Effects of Nicotine by Chronic Caffeine Exposure. <i>Pharmacology Biochemistry and Behavior</i> , 2000, 66, 47-64.	2.9	81
84	Drug Addiction as a Disorder of Associative Learning: Role of Nucleus Accumbens Shell/Extended Amygdala Dopamine. <i>Annals of the New York Academy of Sciences</i> , 1999, 877, 461-485.	3.8	204
85	Dependence of mesolimbic dopamine transmission on $\Delta^9$ -tetrahydrocannabinol. <i>European Journal of Pharmacology</i> , 1999, 376, 23-26.	3.5	76
86	Reciprocal changes in prefrontal and limbic dopamine responsiveness to aversive and rewarding stimuli after chronic mild stress: implications for the psychobiology of depression. <i>Biological Psychiatry</i> , 1999, 46, 1624-1633.	1.3	231
87	Reduced dopamine in peripheral blood lymphocytes in Parkinson's disease. <i>NeuroReport</i> , 1999, 10, 2907-2910.	1.2	58
88	A dopamine-opioid link in the rat ventral tegmentum shared by palatable food (Fonzies) and non-psychostimulant drugs of abuse. <i>European Journal of Neuroscience</i> , 1998, 10, 1179-1187.	2.6	177
89	Homologies and Differences in the Action of Drugs of Abuse and a Conventional Reinforcer (Food) on Dopamine Transmission: An Interpretative Framework of the Mechanism of Drug Dependence. <i>Advances in Pharmacology</i> , 1997, 42, 983-987.	2.0	45
90	Cannabinoid and Heroin Activation of Mesolimbic Dopamine Transmission by a Common $\mu$ Opioid Receptor Mechanism. <i>Science</i> , 1997, 276, 2048-2050.	12.6	1,059

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91	Contribution of Blockade of the Noradrenaline Carrier to the Increase of Extracellular Dopamine in the Rat Prefrontal Cortex by Amphetamine and Cocaine. <i>European Journal of Neuroscience</i> , 1997, 9, 2077-2085.	2.6	153
92	Blunting of reactivity of dopamine transmission to palatable food: a biochemical marker of anhedonia in the CMS model?. <i>Psychopharmacology</i> , 1997, 134, 351-353.	3.1	60
93	Ethanol as a neurochemical surrogate of conventional reinforcers: The dopamine-opioid link. <i>Alcohol</i> , 1996, 13, 13-17.	1.7	115
94	Chronic desipramine and fluoxetine differentially affect extracellular dopamine in the rat prefrontal cortex. <i>Psychopharmacology</i> , 1996, 127, 83-87.	3.1	81
95	Mianserin markedly and selectively increases extracellular dopamine in the prefrontal cortex as compared to the nucleus accumbens of the rat. <i>Psychopharmacology</i> , 1996, 123, 127-130.	3.1	102
96	Non-psychostimulant drugs of abuse and anxiogenic drugs activate with differential selectivity dopamine transmission in the nucleus accumbens and in the medial prefrontal cortex of the rat. <i>Psychopharmacology</i> , 1996, 124, 293-299.	3.1	90
97	Effects of nicotine on the nucleus accumbens and similarity to those of addictive drugs. <i>Nature</i> , 1996, 382, 255-257.	27.8	1,015
98	Intravenous administration of psychostimulants preferentially increases dopamine release in the shell of the rat nucleus accumbens. <i>Behavioural Pharmacology</i> , 1995, 6, 91.	1.7	0
99	Intravenous cocaine, morphine, and amphetamine preferentially increase extracellular dopamine in the "shell" as compared with the "core" of the rat nucleus accumbens.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 12304-12308.	7.1	783
100	Anxiogenic drugs and drugs of abuse differentially influence limbic versus cortical dopamine transmission. <i>Behavioural Pharmacology</i> , 1995, 6, 78.	1.7	0
101	Effect of repeated administration of antidepressant drugs on dopamine transmission in the rat prefrontal cortex. <i>Behavioural Pharmacology</i> , 1995, 6, 29.	1.7	1
102	Local 5HT <sub>3</sub> receptors mediate fluoxetine but not desipramine-induced increase of extracellular dopamine in the prefrontal cortex. <i>Psychopharmacology</i> , 1995, 119, 15-19.	3.1	69
103	Increase of extracellular dopamine in the medial prefrontal cortex during spontaneous and naloxone-precipitated opiate abstinence. <i>Psychopharmacology</i> , 1995, 122, 202-205.	3.1	50
104	Increase of extracellular dopamine in the prefrontal cortex: a trait of drugs with antidepressant potential?. <i>Psychopharmacology</i> , 1994, 115, 285-288.	3.1	297
105	On the preferential release of dopamine in the nucleus accumbens by amphetamine: further evidence obtained by vertically implanted concentric dialysis probes. <i>Psychopharmacology</i> , 1993, 112, 398-402.	3.1	120
106	Stimulation of dopamine transmission in the dorsal caudate nucleus by pargyline as demonstrated by dopamine and acetylcholine microdialysis and Fos immunohistochemistry. <i>Neuroscience</i> , 1993, 55, 451-456.	2.3	28
107	Combined Microdialysis and Fos Immunohistochemistry for the Estimation of Dopamine Neurotransmission in the Rat Caudate-Putamen. <i>Journal of Neurochemistry</i> , 1992, 59, 1158-1160.	3.9	21
108	Extracellular Striatal Concentrations of Endogenous 3,4-Dihydroxyphenylalanine in the Absence of a Decarboxylase Inhibitor: A Dynamic Index of Dopamine Synthesis In Vivo. <i>Journal of Neurochemistry</i> , 1992, 59, 2230-2236.	3.9	16

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109	Blockade of the Noradrenaline Carrier Increases Extracellular Dopamine Concentrations in the Prefrontal Cortex: Evidence that Dopamine Is Taken up In Vivo by Noradrenergic Terminals. Journal of Neurochemistry, 1990, 55, 1067-1070.	3.9	360
110	Calcium-Dependent, Tetrodotoxin-Sensitive Stimulation of Cortical Serotonin Release After a Tryptophan Load. Journal of Neurochemistry, 1989, 53, 976-978.	3.9	56
111	Effect of temperature and ionic environment on the specific binding of $^3\text{H}$ -sulpiride to membranes from different rat brain regions. Neurochemistry International, 1985, 7, 279-284.	3.8	12