Gianluigi Tanda

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.

107 papers	8,473 citations	47 h-index	91 g-index
113 ext. papers	9,038 ext. citations	5.9 avg, IF	5.78 L-index

#	Paper	IF	Citations
107	Synaptic Zn potentiates the effects of cocaine on striatal dopamine neurotransmission and behavior. *Translational Psychiatry*, **2021**, 11, 570	8.6	1
106	Psychostimulant Use Disorder, an Unmet Therapeutic Goal: Can Modafinil Narrow the Gap?. *Frontiers in Neuroscience*, **2021**, 15, 656475	5.1	4
105	Modafinil and its structural analogs as atypical dopamine uptake inhibitors and potential medications for psychostimulant use disorder. *Current Opinion in Pharmacology*, **2021**, 56, 13-21	5.1	6
104	Cocaine-induced locomotor stimulation involves autophagic degradation of the dopamine transporter. *Molecular Psychiatry*, **2021**, 26, 370-382	15.1	5
103	Elevated body fat increases amphetamine accumulation in brain: evidence from genetic and diet-induced forms of adiposity. *Translational Psychiatry*, **2021**, 11, 427	8.6	0
102	Modafinil potentiates cocaine self-administration by a dopamine-independent mechanism: possible involvement of gap junctions. *Neuropsychopharmacology*, **2020**, 45, 1518-1526	8.7	3
101	Cocaine-induced locomotor stimulation is mediated by autophagic degradation of the dopamine transporter. *FASEB Journal*, **2020**, 34, 1-1	0.9	
100	Gap Junctions Modulate The Effects Of Modafinil On Cocaine Self-Administration Behavior In A Dopamine-Independent Fashion In Rats. *FASEB Journal*, **2020**, 34, 1-1	0.9	
99	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. *Journal of Medicinal Chemistry*, **2020**, 63, 2343-2357	8.3	12
98	A further assessment of a role for Toll-like receptor 4 in the reinforcing and reinstating effects of opioids. *Behavioural Pharmacology*, **2020**, 31, 186-195	2.4	7
97	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. *European Journal of Medicinal Chemistry*, **2020**, 208, 112674	6.8	7
96	Effect of systemically administered oxytocin on dose response for methylphenidate self-administration and mesolimbic dopamine levels. *Annals of the New York Academy of Sciences*, **2019**, 1455, 173-184	6.5	7
95	Translating the atypical dopamine uptake inhibitor hypothesis toward therapeutics for treatment of psychostimulant use disorders. *Neuropsychopharmacology*, **2019**, 44, 1435-1444	8.7	17
94	Brain activity of anandamide: a rewarding bliss?. *Acta Pharmacologica Sinica*, **2019**, 40, 309-323	8	23
93	Astrocytic Mechanisms Involving Kynurenic Acid Control Δ9-Tetrahydrocannabinol-Induced Increases in Glutamate Release in Brain Reward-Processing Areas. *Molecular Neurobiology*, **2019**, 56, 3563-3575	6.2	9
92	Pharmacological classification of centrally acting drugs using EEG in freely moving rats: an old tool to identify new atypical dopamine uptake inhibitors. *Neuropharmacology*, **2019**, 161, 107446	5.5	4
91	Distinct effects of (R)-modafinil and its (R)- and (S)-fluoro-analogs on mesolimbic extracellular dopamine assessed by voltammetry and microdialysis in rats. *European Journal of Neuroscience*, **2019**, 50, 2045-2053	3.5	8

90	Effects of (R)-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	5.7	15
89	Atypical dopamine transporter inhibitors attenuate compulsive-like methamphetamine self-administration in rats. *Neuropharmacology*, **2018**, 131, 96-103	5.5	13
88	New Perspectives on the Use of Cannabis in the Treatment of Psychiatric Disorders. *Medicines (Basel, Switzerland)*, **2018**, 5,	4.1	21
87	Key role of the dopamine D receptor in the modulation of corticostriatal glutamatergic neurotransmission. *Science Advances*, **2017**, 3, e1601631	14.3	29
86	The Novel Modafinil Analog, JJC8-016, as a Potential Cocaine Abuse Pharmacotherapeutic. *Neuropsychopharmacology*, **2017**, 42, 1871-1883	8.7	23
85	Oxytocin Effects in Cocaine and Other Psychostimulant Addictions **2017**, 227-234		0
84	The unique psychostimulant profile of ( )-modafinil: investigation of behavioral and neurochemical effects in mice. *European Journal of Neuroscience*, **2017**, 45, 167-174	3.5	23
83	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	3.9	10
82	Lack of Specific Involvement of (+)-Naloxone and (+)-Naltrexone on the Reinforcing and Neurochemical Effects of Cocaine and Opioids. *Neuropsychopharmacology*, **2016**, 41, 2772-81	8.7	34
81	Targeting the Oxytocin System to Treat Addictive Disorders: Rationale and Progress to Date. *CNS Drugs*, **2016**, 30, 109-23	6.7	70
80	Preclinical studies on the reinforcing effects of cannabinoids. A tribute to the scientific research of Dr. Steve Goldberg. *Psychopharmacology*, **2016**, 233, 1845-66	4.7	23
79	Cocaine-induced endocannabinoid release modulates behavioral and neurochemical sensitization in mice. *Addiction Biology*, **2015**, 20, 91-103	4.6	34
78	A systematic microdialysis study of dopamine transmission in the accumbens shell/core and prefrontal cortex after acute antipsychotics. *Psychopharmacology*, **2015**, 232, 1427-40	4.7	26
77	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	4.6	49
76	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, 802-9	7.9	35
75	Preclinical efficacy of N-substituted benztropine analogs as antagonists of methamphetamine self-administration in rats. *Journal of Pharmacology and Experimental Therapeutics*, **2014**, 348, 174-91	4.7	44
74	Arrestin 2 knockout mice exhibit sensitized dopamine release and increased reward in response to a low dose of alcohol. *Psychopharmacology*, **2013**, 230, 439-49	4.7	13
73	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, 307-21	4.7	17

72	The neurobiology of modafinil as an enhancer of cognitive performance and a potential treatment for substance use disorders. *Psychopharmacology*, **2013**, 229, 415-34	4.7	80
71	Reducing cannabinoid abuse and preventing relapse by enhancing endogenous brain levels of kynurenic acid. *Nature Neuroscience*, **2013**, 16, 1652-61	25.5	64
70	Self-administration of cocaine induces dopamine-independent self-administration of sigma agonists. *Neuropsychopharmacology*, **2013**, 38, 605-15	8.7	28
69	Stimulants as specific inducers of dopamine-independent agonist self-administration in rats. *Journal of Pharmacology and Experimental Therapeutics*, **2013**, 347, 20-9	4.7	22
68	Peroxisome Proliferator-Activated Nuclear Receptors and Drug Addiction **2013**, 235-260		1
67	In Vivo Binding of N-Substituted Benztropine Analogs and Antagonism of Cocaine Self-Administration. *FASEB Journal*, **2013**, 27, 659.8	0.9	
66	Specificity of cocaine-induced dopamine-independent sigma agonist self-administration. *FASEB Journal*, **2013**, 27, 659.11	0.9	
65	R-modafinil (armodafinil): a unique dopamine uptake inhibitor and potential medication for psychostimulant abuse. *Biological Psychiatry*, **2012**, 72, 405-13	7.9	97
64	Blockade of nicotine reward and reinstatement by activation of alpha-type peroxisome proliferator-activated receptors. *Biological Psychiatry*, **2011**, 69, 633-41	7.9	99
63	Sigma receptor agonists: receptor binding and effects on mesolimbic dopamine neurotransmission assessed by microdialysis. *Biological Psychiatry*, **2011**, 69, 208-17	7.9	70
62	Lack of cocaine-like discriminative-stimulus effects of receptor agonists in rats. *Behavioural Pharmacology*, **2011**, 22, 525-30	2.4	18
61	A Role for Sigma Receptors in Stimulant Self Administration and Addiction. *Pharmaceuticals*, **2011**, 4, 880-914	5.2	49
60	Decreases in cocaine self-administration with dual inhibition of the dopamine transporter and receptors. *Journal of Pharmacology and Experimental Therapeutics*, **2011**, 339, 662-77	4.7	57
59	Reinforcing effects of sigma-receptor agonists in rats trained to self-administer cocaine. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 332, 515-24	4.7	62
58	Dopaminergic augmentation of delta-9-tetrahydrocannabinol (THC) discrimination: possible involvement of D(2)-induced formation of anandamide. *Psychopharmacology*, **2010**, 209, 191-202	4.7	19
57	Discovery of drugs to treat cocaine dependence: behavioral and neurochemical effects of atypical dopamine transport inhibitors. *Advances in Pharmacology*, **2009**, 57, 253-89	5.7	53
56	Combinations of cocaine with other dopamine uptake inhibitors: assessment of additivity. *Journal of Pharmacology and Experimental Therapeutics*, **2009**, 330, 802-9	4.7	43
55	Fatty acid amide hydrolase (FAAH) inhibition enhances memory acquisition through activation of PPAR-alpha nuclear receptors. *Learning and Memory*, **2009**, 16, 332-7	2.8	100

54	Effects of Acute Administration of Sigma Receptor Ligands on Mesolimbic Dopamine Neurotransmission in Rats. *FASEB Journal*, **2009**, 23, 745.4	0.9	1
53	Cocaine-like neurochemical effects of antihistaminic medications. *Journal of Neurochemistry*, **2008**, 106, 147-57	6	43
52	The endogenous cannabinoid anandamide has effects on motivation and anxiety that are revealed by fatty acid amide hydrolase (FAAH) inhibition. *Neuropharmacology*, **2008**, 54, 129-40	5.5	124
51	Blockade of THC-seeking behavior and relapse in monkeys by the cannabinoid CB(1)-receptor antagonist rimonabant. *Neuropsychopharmacology*, **2008**, 33, 2870-7	8.7	71
50	The endocannabinoid system: a new molecular target for the treatment of tobacco addiction. *CNS and Neurological Disorders - Drug Targets*, **2008**, 7, 468-81	2.6	29
49	Inhibition of anandamide hydrolysis by cyclohexyl carbamic acid 3'-carbamoyl-3-yl ester (URB597) reverses abuse-related behavioral and neurochemical effects of nicotine in rats. *Journal of Pharmacology and Experimental Therapeutics*, **2008**, 327, 482-90	4.7	119
48	Modulation of the endocannabinoid system: therapeutic potential against cocaine dependence. *Pharmacological Research*, **2007**, 56, 406-17	10.2	17
47	Muscarinic preferential M(1) receptor antagonists enhance the discriminative-stimulus effects of cocaine in rats. *Pharmacology Biochemistry and Behavior*, **2007**, 87, 400-4	3.9	14
46	Brain-derived neurotrophic factor prevents human immunodeficiency virus type 1 protein gp120 neurotoxicity in the rat nigrostriatal system. *Annals of the New York Academy of Sciences*, **2007**, 1122, 144-54	6.5	25
45	Brain-derived neurotrophic factor expression in the substantia nigra does not change after lesions of dopaminergic neurons. *Neurotoxicity Research*, **2007**, 12, 135-43	4.3	20
44	Nicotinic facilitation of delta9-tetrahydrocannabinol discrimination involves endogenous anandamide. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 321, 1127-34	4.7	33
43	Nicotinic alpha 7 receptors as a new target for treatment of cannabis abuse. *Journal of Neuroscience*, **2007**, 27, 5615-20	6.6	74
42	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. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 321, 370-80	4.7	92
41	Effects of muscarinic M1 receptor blockade on cocaine-induced elevations of brain dopamine levels and locomotor behavior in rats. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 321, 334-44	4.7	44
40	Maintenance and reinstatement of THC self-administration behavior under a second-order schedule of reinforcement in squirrel monkeys. *FASEB Journal*, **2007**, 21, A409	0.9	
39	Involvement of CB1 cannabinoid receptors in cocaine-induced locomotor sensitization after single pre-exposure in mice. *FASEB Journal*, **2007**, 21, A410	0.9	1
38	Metabolic transformation plays a primary role in the psychostimulant-like discriminative-stimulus effects of selegiline [(R)-(-)-deprenyl]. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 317, 387-94	4.7	13
37	Anandamide administration alone and after inhibition of fatty acid amide hydrolase (FAAH) increases dopamine levels in the nucleus accumbens shell in rats. *Journal of Neurochemistry*, **2006**, 98, 408-19	6	163

36	Self-administration of cannabinoids by experimental animals and human marijuana smokers. *Pharmacology Biochemistry and Behavior*, **2005**, 81, 285-99	3.9	95
35	Cannabinoid agonists but not inhibitors of endogenous cannabinoid transport or metabolism enhance the reinforcing efficacy of heroin in rats. *Neuropsychopharmacology*, **2005**, 30, 2046-57	8.7	85
34	The endogenous cannabinoid anandamide and its synthetic analog R(+)-methanandamide are intravenously self-administered by squirrel monkeys. *Journal of Neuroscience*, **2005**, 25, 5645-50	6.6	84
33	Effects of 4'-chloro-3 alpha-(diphenylmethoxy)-tropane on mesostriatal, mesocortical, and mesolimbic dopamine transmission: comparison with effects of cocaine. *Journal of Pharmacology and Experimental Therapeutics*, **2005**, 313, 613-20	4.7	41
32	Histamine h3 receptor antagonists potentiate methamphetamine self-administration and methamphetamine-induced accumbal dopamine release. *Neuropsychopharmacology*, **2004**, 29, 705-17	8.7	80
31	The opioid antagonist naltrexone reduces the reinforcing effects of Delta 9 tetrahydrocannabinol (THC) in squirrel monkeys. *Psychopharmacology*, **2004**, 173, 186-94	4.7	89
30	Self-administration of delta9-tetrahydrocannabinol (THC) by drug naive squirrel monkeys. *Psychopharmacology*, **2003**, 169, 135-40	4.7	185
29	Cannabinoids: reward, dependence, and underlying neurochemical mechanisms--a review of recent preclinical data. *Psychopharmacology*, **2003**, 169, 115-34	4.7	209
28	Differential effects of caffeine on dopamine and acetylcholine transmission in brain areas of drug-naive and caffeine-pretreated rats. *Neuropsychopharmacology*, **2002**, 27, 182-93	8.7	115
27	Self-administration behavior is maintained by the psychoactive ingredient of marijuana in squirrel monkeys. *Nature Neuroscience*, **2000**, 3, 1073-4	25.5	277
26	Alteration of the behavioral effects of nicotine by chronic caffeine exposure. *Pharmacology Biochemistry and Behavior*, **2000**, 66, 47-64	3.9	67
25	Drug addiction as a disorder of associative learning. Role of nucleus accumbens shell/extended amygdala dopamine. *Annals of the New York Academy of Sciences*, **1999**, 877, 461-85	6.5	181
24	Dependence of mesolimbic dopamine transmission on delta9-tetrahydrocannabinol. *European Journal of Pharmacology*, **1999**, 376, 23-6	5.3	62
23	Reciprocal changes in prefrontal and limbic dopamine responsiveness to aversive and rewarding stimuli after chronic mild stress: implications for the psychobiology of depression. *Biological Psychiatry*, **1999**, 46, 1624-33	7.9	209
22	Reduced dopamine in peripheral blood lymphocytes in Parkinson's disease. *NeuroReport*, **1999**, 10, 2907-10	1.9	51
21	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. *Advances in Pharmacology*, **1998**, 42, 983-7	5.7	39
20	A dopamine-mu1 opioid link in the rat ventral tegmentum shared by palatable food (Fonzies) and non-psychostimulant drugs of abuse. *European Journal of Neuroscience*, **1998**, 10, 1179-87	3.5	166
19	Cannabinoid and heroin activation of mesolimbic dopamine transmission by a common mu1 opioid receptor mechanism. *Science*, **1997**, 276, 2048-50	33.3	952

18	Contribution of blockade of the noradrenaline carrier to the increase of extracellular dopamine in the rat prefrontal cortex by amphetamine and cocaine. *European Journal of Neuroscience*, **1997**, 9, 2077-85	3.5	138
17	Blunting of reactivity of dopamine transmission to palatable food: a biochemical marker of anhedonia in the CMS model?. *Psychopharmacology*, **1997**, 134, 351-3; discussion 371-7	4.7	52
16	Ethanol as a neurochemical surrogate of conventional reinforcers: the dopamine-opioid link. *Alcohol*, **1996**, 13, 13-7	2.7	110
15	Chronic desipramine and fluoxetine differentially affect extracellular dopamine in the rat prefrontal cortex. *Psychopharmacology*, **1996**, 127, 83-7	4.7	79
14	Mianserin markedly and selectively increases extracellular dopamine in the prefrontal cortex as compared to the nucleus accumbens of the rat. *Psychopharmacology*, **1996**, 123, 127-30	4.7	97
13	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. *Psychopharmacology*, **1996**, 124, 293-9	4.7	81
12	Effects of nicotine on the nucleus accumbens and similarity to those of addictive drugs. *Nature*, **1996**, 382, 255-7	50.4	915
11	Increase of extracellular dopamine in the medial prefrontal cortex during spontaneous and naloxone-precipitated opiate abstinence. *Psychopharmacology*, **1995**, 122, 202-5	4.7	44
10	Intravenous cocaine, morphine, and amphetamine preferentially increase extracellular dopamine in the "shell" as compared with the "core" of the rat nucleus accumbens. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 12304-8	11.5	723
9	Local 5HT3 receptors mediate fluoxetine but not desipramine-induced increase of extracellular dopamine in the prefrontal cortex. *Psychopharmacology*, **1995**, 119, 15-9	4.7	63
8	Increase of extracellular dopamine in the prefrontal cortex: a trait of drugs with antidepressant potential?. *Psychopharmacology*, **1994**, 115, 285-8	4.7	276
7	Stimulation of dopamine transmission in the dorsal caudate nucleus by pargyline as demonstrated by dopamine and acetylcholine microdialysis and Fos immunohistochemistry. *Neuroscience*, **1993**, 55, 451-6	3.9	25
6	On the preferential release of dopamine in the nucleus accumbens by amphetamine: further evidence obtained by vertically implanted concentric dialysis probes. *Psychopharmacology*, **1993**, 112, 398-402	4.7	115
5	Extracellular striatal concentrations of endogenous 3,4-dihydroxyphenylalanine in the absence of a decarboxylase inhibitor: a dynamic index of dopamine synthesis in vivo. *Journal of Neurochemistry*, **1992**, 59, 2230-6	6	14
4	Combined microdialysis and Fos immunohistochemistry for the estimation of dopamine neurotransmission in the rat caudate-putamen. *Journal of Neurochemistry*, **1992**, 59, 1158-60	6	20
3	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, 1067-70	6	330
2	Calcium-dependent, tetrodotoxin-sensitive stimulation of cortical serotonin release after a tryptophan load. *Journal of Neurochemistry*, **1989**, 53, 976-8	6	56
1	Effect of temperature and ionic environment on the specific binding of (3)H(-)sulpiride to membranes from different rat brain regions. *Neurochemistry International*, **1985**, 7, 279-84	4.4	10