

# MaÅ,gorzata Frankowska

## List of Publications by Year in descending order

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73  
papers

1,886  
citations

257450

24  
h-index

289244

40  
g-index

81  
all docs

81  
docs citations

81  
times ranked

2130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult alcohol drinking and emotional tone are mediated by neutral sphingomyelinase during development in males. <i>Cerebral Cortex</i> , 2023, 33, 844-864.	2.9	9
2	Increased density and antagonistic allosteric interactions in A2AR-D2R heterocomplexes in extinction from cocaine use, lost in cue induced reinstatement of cocaine seeking. <i>Pharmacology Biochemistry and Behavior</i> , 2022, 215, 173375.	2.9	3
3	Neutral Sphingomyelinase is an Affective Valence-Dependent Regulator of Learning and Memory. <i>Cerebral Cortex</i> , 2021, 31, 1316-1333.	2.9	12
4	Cocaine attenuates acid sphingomyelinase activity during establishment of addiction-related behavior—A translational study in rats and monkeys. <i>Addiction Biology</i> , 2021, 26, e12955.	2.6	1
5	Maternal dietary patterns are associated with susceptibility to a depressive-like phenotype in rat offspring. <i>Developmental Cognitive Neuroscience</i> , 2021, 47, 100879.	4.0	28
6	The NMDA Receptor Subunit (GluN1 and GluN2A) Modulation Following Different Conditions of Cocaine Abstinence in Rat Brain Structures. <i>Neurotoxicity Research</i> , 2021, 39, 556-565.	2.7	4
7	The Balance of MU-Opioid, Dopamine D2 and Adenosine A2A Heteroreceptor Complexes in the Ventral Striatal-Pallidal GABA Antireward Neurons May Have a Significant Role in Morphine and Cocaine Use Disorders. <i>Frontiers in Pharmacology</i> , 2021, 12, 627032.	3.5	8
8	N-acetylcysteine as a new prominent approach for treating psychiatric disorders. <i>British Journal of Pharmacology</i> , 2021, 178, 2569-2594.	5.4	25
9	N-acetylcysteine in substance use disorder: a lesson from preclinical and clinical research. <i>Pharmacological Reports</i> , 2021, 73, 1205-1219.	3.3	12
10	Treatment with dopamine $\beta$ -hydroxylase (DBH) inhibitors prevents morphine use and relapse-like behavior in rats. <i>Pharmacological Reports</i> , 2021, 73, 1694-1711.	3.3	3
11	The coming together of allosteric and phosphorylation mechanisms in the molecular integration of A2A heteroreceptor complexes in the dorsal and ventral striatal-pallidal GABA neurons. <i>Pharmacological Reports</i> , 2021, 73, 1096-1108.	3.3	6
12	Neutral sphingomyelinase mediates the co-morbidity trias of alcohol abuse, major depression and bone defects. <i>Molecular Psychiatry</i> , 2021, 26, 7403-7416.	7.9	20
13	The Positive and Negative Outcome of Morphine and Disulfiram Subacute Co-Administration in Rats in the Absence of Ethanol Challenge. <i>Pharmaceutics</i> , 2021, 13, 29.	4.5	3
14	Extinction Training after Cocaine Self-Administration Influences the Epigenetic and Genetic Machinery Responsible for Glutamatergic Transporter Gene Expression in Male Rat Brain. <i>Neuroscience</i> , 2020, 451, 99-110.	2.3	11
15	Cocaine Self-Administration and Abstinence Modulate NMDA Receptor Subunits and Active Zone Proteins in the Rat Nucleus Accumbens. <i>Molecules</i> , 2020, 25, 3480.	3.8	11
16	Cocaine Administration and Its Abstinence Conditions Modulate Neuroglia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7970.	4.1	3
17	Maternal high-sugar diet changes offspring vulnerability to reinstatement of cocaine-seeking behavior: Role of melanocortin-4 receptors. <i>FASEB Journal</i> , 2020, 34, 9192-9206.	0.5	11
18	Adenosine A2A Receptors in Substance Use Disorders: A Focus on Cocaine. <i>Cells</i> , 2020, 9, 1372.	4.1	18

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19	The impact of GABAB receptors and their pharmacological stimulation on cocaine reinforcement and drug-seeking behaviors in a rat model of depression. <i>European Journal of Pharmacology</i> , 2020, 883, 173324.	3.5	2
20	Maternal Diet Influences the Reinstatement of Cocaine-Seeking Behavior and the Expression of Melanocortin-4 Receptors in Female Offspring of Rats. <i>Nutrients</i> , 2020, 12, 1462.	4.1	13
21	The impact of 3,4-methylenedioxymetamphetamine (MDMA) abstinence on seeking behavior and the expression of the D-like and mGlu receptors in the rat brain using saturation binding analyses. <i>Journal of Physiology and Pharmacology</i> , 2020, 71, .	1.1	1
22	Extinction training following cocaine or MDMA self-administration produces discrete changes in D2-like and mGlu5 receptor density in the rat brain. <i>Pharmacological Reports</i> , 2019, 71, 870-878.	3.3	9
23	Cocaine-Induced Reinstatement of Cocaine Seeking Provokes Changes in the Endocannabinoid and N-Acylethanolamine Levels in Rat Brain Structures. <i>Molecules</i> , 2019, 24, 1125.	3.8	21
24	A2AR Transmembrane 2 Peptide Administration Disrupts the A2AR-A2AR Homoreceptor but not the A2AR-D2R Heteroreceptor Complex: Lack of Actions on Rodent Cocaine Self-Administration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6100.	4.1	6
25	Alternation in dopamine D2-like and metabotropic glutamate type 5 receptor density caused by differing housing conditions during abstinence from cocaine self-administration in rats. <i>Journal of Psychopharmacology</i> , 2019, 33, 372-382.	4.0	11
26	Effects of intra-accumbal or intra-prefrontal cortex microinjections of adenosine 2A receptor ligands on responses to cocaine reward and seeking in rats. <i>Psychopharmacology</i> , 2018, 235, 3509-3523.	3.1	11
27	Effects of Cocaine Self-Administration and Its Extinction on the Rat Brain Cannabinoid CB1 and CB2 Receptors. <i>Neurotoxicity Research</i> , 2018, 34, 547-558.	2.7	23
28	Prolonged Induction of miR-212/132 and REST Expression in Rat Striatum Following Cocaine Self-Administration. <i>Molecular Neurobiology</i> , 2017, 54, 2241-2254.	4.0	41
29	Acute behavioral effects of co-administration of mephedrone and MDMA in mice. <i>Pharmacological Reports</i> , 2017, 69, 199-205.	3.3	14
30	Increased 5methylhydroxymethylation levels in the hippocampus of rat extinguished from cocaine self-administration. <i>Hippocampus</i> , 2017, 27, 811-821.	1.9	6
31	Cocaine Administration and Its Withdrawal Enhance the Expression of Genes Encoding Histone-Modifying Enzymes and Histone Acetylation in the Rat Prefrontal Cortex. <i>Neurotoxicity Research</i> , 2017, 32, 141-150.	2.7	29
32	Effects of escitalopram and imipramine on cocaine reinforcement and drug-seeking behaviors in a rat model of depression. <i>Brain Research</i> , 2017, 1673, 30-41.	2.2	17
33	Neuroadaptive changes in metabotropic glutamate mGlu2/3R expression during different phases of cocaine addiction in rats. <i>Pharmacological Reports</i> , 2017, 69, 1073-1081.	3.3	11
34	The Alterations in Mitochondrial DNA Copy Number and Nuclear-Encoded Mitochondrial Genes in Rat Brain Structures after Cocaine Self-Administration. <i>Molecular Neurobiology</i> , 2017, 54, 7460-7470.	4.0	31
35	Cocaine self-administration, extinction training and drug-induced relapse change metabotropic glutamate mGlu5 receptors expression: Evidence from radioligand binding and immunohistochemistry assays. <i>Brain Research</i> , 2017, 1655, 66-76.	2.2	7
36	N-acetylcysteine amide (AD4) reduces cocaine-induced reinstatement. <i>Psychopharmacology</i> , 2016, 233, 3437-3448.	3.1	23

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37	Neurotensin: A role in substance use disorder?. Journal of Psychopharmacology, 2016, 30, 112-127.	4.0	36
38	Targeting the GABAB Receptor for the Treatment of Substance Use Disorder. , 2016, , 263-286.		7
39	Cocaine exposure alters H2S tissue concentrations in peripheral mouse organs. Pharmacological Reports, 2015, 67, 421-425.	3.3	4
40	Withdrawal from Cocaine Self-administration and Yoked Cocaine Delivery Dysregulates Glutamatergic mGlu5 and NMDA Receptors in the Rat Brain. Neurotoxicity Research, 2015, 27, 246-258.	2.7	31
41	Alterations in brain mGluR5 and D2 receptor density during MDMA abstinence in different living conditions in rats. Pharmacological Reports, 2015, 67, 7.	3.3	0
42	Cocaine-induced dysregulation in metabotropic glutamate receptors expression in rat brain areas. Pharmacological Reports, 2015, 67, 8.	3.3	0
43	Cocaine self-administration in Wistar-Kyoto rats: a behavioral and biochemical analysis. Behavioural Brain Research, 2015, 293, 62-73.	2.2	21
44	GABAB receptors as a therapeutic strategy in substance use disorders: Focus on positive allosteric modulators. Neuropharmacology, 2015, 88, 36-47.	4.1	76
45	Cocaine-induced glutamate receptor trafficking is abrogated by extinction training in the rat hippocampus. Pharmacological Reports, 2014, 66, 198-204.	3.3	12
46	The effects of N-acetylcysteine on cocaine reward and seeking behaviors in a rat model of depression. Behavioural Brain Research, 2014, 266, 108-118.	2.2	28
47	The effect of active and passive intravenous cocaine administration on the extracellular signal-regulated kinase (ERK) activity in the rat brain. Pharmacological Reports, 2014, 66, 630-637.	3.3	7
48	Mitochondrial dysfunction and drug addiction. , 2014, 144, 226-233.		37
49	Changes in endocannabinoid and N-acylethanolamine levels in rat brain structures following cocaine self-administration and extinction training. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 50, 1-10.	4.8	38
50	Adenosine (A)2A receptor modulation of nicotine-induced locomotor sensitization. A pharmacological and transgenic approach. Neuropharmacology, 2014, 81, 318-326.	4.1	20
51	Effects of cocaine self-administration and extinction on D <sub>2</sub> -like and A <sub>2A</sub> receptor recognition and D <sub>2</sub> -like/G <sub>i</sub> protein coupling in rat striatum. Addiction Biology, 2013, 18, 455-466.	2.6	33
52	Preclinical studies on comorbidity between depression and psychostimulant addiction. Pharmacological Reports, 2013, 65, 1529-1534.	3.3	14
53	Effect of active and passive cocaine intravenous administration on the extracellular signal-regulated kinase (ERK) activity in rat brain. Pharmacological Reports, 2013, 65, 67-68.	3.3	0
54	A Novel Mechanism of Cocaine to Enhance Dopamine D2-Like Receptor Mediated Neurochemical and Behavioral Effects. An In Vivo and In Vitro Study. Neuropsychopharmacology, 2012, 37, 1856-1866.	5.4	28

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55	Nanomolar concentrations of cocaine enhance D2-like agonist-induced inhibition of the K <sup>+</sup> -evoked [3H]-dopamine efflux from rat striatal synaptosomes: a novel action of cocaine. <i>Journal of Neural Transmission</i> , 2010, 117, 593-597.	2.8	25
56	Effects of imipramine or GABAB receptor ligands on the immobility, swimming and climbing in the forced swim test in rats following discontinuation of cocaine self-administration. <i>European Journal of Pharmacology</i> , 2010, 627, 142-149.	3.5	34
57	Changes in the level of calcyon mRNA in the brain of rats exposed to cocaine, self-administered or received passively. <i>European Journal of Pharmacology</i> , 2010, 634, 33-39.	3.5	0
58	Characterization of the A2AR/D2R interface: Focus on the role of the C-terminal tail and the transmembrane helices. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 801-807.	2.1	93
59	The changing world of G protein-coupled receptors: from monomers to dimers and receptor mosaics with allosteric receptor-receptor interactions. <i>Journal of Receptor and Signal Transduction Research</i> , 2010, 30, 272-283.	2.5	74
60	Effects of GABAB receptor agonists on cocaine hyperlocomotor and sensitizing effects in rats. <i>Pharmacological Reports</i> , 2009, 61, 1042-1049.	3.3	24
61	Neuroadaptive changes in the rat brain GABAB receptors after withdrawal from cocaine self-administration. <i>European Journal of Pharmacology</i> , 2008, 599, 58-64.	3.5	18
62	Antagonistic cannabinoid CB1/dopamine D2 receptor interactions in striatal CB1/D2 heteromers. A combined neurochemical and behavioral analysis. <i>Neuropharmacology</i> , 2008, 54, 815-823.	4.1	154
63	GABA(B) receptors in drug addiction. <i>Pharmacological Reports</i> , 2008, 60, 755-70.	3.3	46
64	Alterations in gamma-aminobutyric acid(B) receptor binding in the rat brain after reinstatement of cocaine-seeking behavior. <i>Pharmacological Reports</i> , 2008, 60, 834-43.	3.3	13
65	Effects of serotonin 5-HT1B receptor ligands on the cocaine- and food-maintained self-administration in rats. <i>European Journal of Pharmacology</i> , 2007, 559, 165-172.	3.5	36
66	Effects of GABAB receptor agents on cocaine priming, discrete contextual cue and food induced relapses. <i>European Journal of Pharmacology</i> , 2007, 571, 166-173.	3.5	52
67	Effects of GABAB receptor antagonist, agonists and allosteric positive modulator on the cocaine-induced self-administration and drug discrimination. <i>European Journal of Pharmacology</i> , 2007, 574, 148-157.	3.5	54
68	Diverse effects of GABA-mimetic drugs on cocaine-evoked self-administration and discriminative stimulus effects in rats. <i>Psychopharmacology</i> , 2007, 192, 17-26.	3.1	28
69	Effects of GABAB receptor ligands in animal tests of depression and anxiety. <i>Pharmacological Reports</i> , 2007, 59, 645-55.	3.3	78
70	Various GABA-mimetic drugs differently affect cocaine-evoked hyperlocomotion and sensitization. <i>European Journal of Pharmacology</i> , 2006, 541, 163-170.	3.5	27
71	Alterations in BDNF and trkB mRNAs following acute or sensitizing cocaine treatments and withdrawal. <i>Brain Research</i> , 2006, 1071, 218-225.	2.2	98
72	Involvement of adenosine A2A and dopamine receptors in the locomotor and sensitizing effects of cocaine. <i>Brain Research</i> , 2006, 1077, 67-80.	2.2	90

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73	The serotonergic system and its role in cocaine addiction. Pharmacological Reports, 2005, 57, 685-700.	3.3	84