

# Beata Bystrowska

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,200  
citations

430754

18  
h-index

377752

34  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2198  
citing authors

#	ARTICLE	IF	CITATIONS
1	The virulence of <i>Streptococcus mutans</i> and the ability to form biofilms. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 499-515.	1.3	413
2	Effect of a <i>Lactobacillus Salivarius</i> Probiotic on a Double-Species <i>Streptococcus Mutans</i> and <i>Candida Albicans</i> Caries Biofilm. <i>Nutrients</i> , 2017, 9, 1242.	1.7	74
3	Novelty-Seeking Behaviors and the Escalation of Alcohol Drinking After Abstinence in Mice Are Controlled by Metabotropic Glutamate Receptor 5 on Neurons Expressing Dopamine D1 Receptors. <i>Biological Psychiatry</i> , 2013, 73, 263-270.	0.7	54
4	Ceftriaxone- and N-acetylcysteine-induced brain tolerance to ischemia: Influence on glutamate levels in focal cerebral ischemia. <i>PLoS ONE</i> , 2017, 12, e0186243.	1.1	49
5	Zinc and Propolis Reduces Cytotoxicity and Proliferation in Skin Fibroblast Cell Culture: Total Polyphenol Content and Antioxidant Capacity of Propolis. <i>Biological Trace Element Research</i> , 2014, 160, 123-131.	1.9	47
6	Antidepressants and Changes in Concentration of Endocannabinoids and N-Acylethanolamines in Rat Brain Structures. <i>Neurotoxicity Research</i> , 2014, 26, 190-206.	1.3	46
7	Validation of a LC method for the determination of 5-aminosalicylic acid and its metabolite in plasma and urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 22, 341-347.	1.4	42
8	Curcumin enhances the cytogenotoxic effect of etoposide in leukemia cells through induction of reactive oxygen species. <i>Drug Design, Development and Therapy</i> , 2016, 10, 557.	2.0	41
9	Changes in endocannabinoid and N-acylethanolamine levels in rat brain structures following cocaine self-administration and extinction training. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 50, 1-10.	2.5	38
10	Changes in the Brain Endocannabinoid System in Rat Models of Depression. <i>Neurotoxicity Research</i> , 2017, 31, 421-435.	1.3	32
11	The Endocannabinoid/Endovanilloid System and Depression. <i>Current Neuropharmacology</i> , 2014, 12, 462-474.	1.4	31
12	Investigation of the GPR39 zinc receptor following inhibition of monoaminergic neurotransmission and potentialization of glutamatergic neurotransmission. <i>Brain Research Bulletin</i> , 2015, 115, 23-29.	1.4	28
13	LC/MS/MS evaluation of cocaine and its metabolites in different brain areas, peripheral organs and plasma in cocaine self-administering rats. <i>Pharmacological Reports</i> , 2012, 64, 1337-1349.	1.5	26
14	Identification of polyphenolic compounds and determination of antioxidant activity in extracts and infusions of buckwheat leaves. <i>European Food Research and Technology</i> , 2018, 244, 333-343.	1.6	26
15	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.	1.3	23
16	Cocaine self-administration in Wistar-Kyoto rats: a behavioral and biochemical analysis. <i>Behavioural Brain Research</i> , 2015, 293, 62-73.	1.2	21
17	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.	1.7	21
18	Adenosine (A)2A receptor modulation of nicotine-induced locomotor sensitization. A pharmacological and transgenic approach. <i>Neuropharmacology</i> , 2014, 81, 318-326.	2.0	20

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19	Identification of Phenolic Compounds and Determination of Antioxidant Activity in Extracts and Infusions of Salvia Leaves. <i>Materials</i> , 2020, 13, 5811.	1.3	19
20	Benzophenone-3 Passes Through the Blood-Brain Barrier, Increases the Level of Extracellular Glutamate, and Induces Apoptotic Processes in the Hippocampus and Frontal Cortex of Rats. <i>Toxicological Sciences</i> , 2019, 171, 485-500.	1.4	18
21	Effect of Combined Prenatal and Adult Benzophenone-3 Dermal Exposure on Factors Regulating Neurodegenerative Processes, Blood Hormone Levels, and Hematological Parameters in Female Rats. <i>Neurotoxicity Research</i> , 2020, 37, 683-701.	1.3	17
22	Docosahexaenoic acid attenuates in endocannabinoid synthesis in RAW 264.7 macrophages activated with benzo(a)pyrene and lipopolysaccharide. <i>Toxicology Letters</i> , 2016, 258, 93-100.	0.4	15
23	Assessment of metabolic and hormonal profiles and striatal dopamine D2 receptor expression following continuous or scheduled high-fat or high-sucrose diet in rats. <i>Pharmacological Reports</i> , 2019, 71, 1-12.	1.5	15
24	Evaluation of the role of NMDA receptor function in antidepressant-like activity. A new study with citalopram and fluoxetine in the forced swim test in mice. <i>Pharmacological Reports</i> , 2015, 67, 490-493.	1.5	14
25	Troubleshooting in LC-MS/MS method for determining endocannabinoid and endocannabinoid-like molecules in rat brain structures applied to assessing the brain endocannabinoid/endovanilloid system significance. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 315-322.	1.3	11
26	Chemical Composition and Concentration of Bioactive Compounds in Garlic Cultivated from Air Bulbils. <i>Agriculture (Switzerland)</i> , 2020, 10, 40.	1.4	11
27	The Relationship between the Concentration of Salivary Tyrosine and Antioxidants in Patients with Oral Lichen Planus. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	10
28	Benzophenone-2 Concentration and Its Effect on Oxidative Stress and Apoptosis Markers in Rat Brain. <i>Neurotoxicity Research</i> , 2019, 36, 39-48.	1.3	8
29	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.	1.1	7
30	The Assessment of Endovascular Therapies in Ischemic Stroke: Management, Problems and Future Approaches. <i>Journal of Clinical Medicine</i> , 2022, 11, 1864.	1.0	7
31	Postmortem Toxicology of Carbamazepine. <i>Journal of Analytical Toxicology</i> , 2003, 27, 243-248.	1.7	6
32	Garlic Grown from Air Bulbils and Its Potential Health Benefits. <i>ACS Symposium Series</i> , 2018, , 315-328.	0.5	5
33	Fatty acids and selected endocannabinoids content in cerebrospinal fluids from patients with neuroinfections. <i>Metabolic Brain Disease</i> , 2019, 34, 331-339.	1.4	4
34	Disruption of Glutamate Homeostasis in the Brain of Rat Offspring Induced by Prenatal and Early Postnatal Exposure to Maternal High-Sugar Diet. <i>Nutrients</i> , 2022, 14, 2184.	1.7	1
35	Changes in cannabinoid receptor expression in rat brain structures after exposure to cocaine. <i>Toxicology Letters</i> , 2015, 238, S319.	0.4	0
36	mGlu5 and NMDA glutamate receptors in brain structures of rats: Dysregulation following cocaine relapse. <i>Toxicology Letters</i> , 2015, 238, S320.	0.4	0

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37	Angiotensinogen metabolism in aorta of hypertensive rats – pathways of Ang-(1-14) and Ang-(1-12) degradation. , 2011, , .		0
38	LC-MS measurement of endocannabinoids level in selected brain regions in cocaine addicted rats – a preliminary study. , 2011, , .		0
39	Benzophenone-3 concentration and its effect on oxidative stress markers in rat brain. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-1-45.	0.0	0
40	Benzophenone-3 affects glutaminergic system in the rat brain. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-1-11.	0.0	0
41	Metabolism testing methods as exemplified by selected new psychoactive substances (NPSs). , 2022, , 121-135.		0
42	The dark side of cannabis - synthetic cannabinoids as the “legal high”: Farmacja Polska, 2022, 78, 235-248.	0.1	0