

Beata Bystrowska

List of Publications by Citations

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37
papers

818
citations

16
h-index

28
g-index

49
ext. papers

1,018
ext. citations

4
avg, IF

4.04
L-index

#	Paper	IF	Citations
37	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	5.3	274
36	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, 263-70	7.9	44
35	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,	6.7	42
34	Antidepressants and changes in concentration of endocannabinoids and N-acylethanolamines in rat brain structures. <i>Neurotoxicity Research</i> , 2014 , 26, 190-206	4.3	39
33	Ceftriaxone- and N-acetylcysteine-induced brain tolerance to ischemia: Influence on glutamate levels in focal cerebral ischemia. <i>PLoS ONE</i> , 2017 , 12, e0186243	3.7	34
32	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, 123-31	4.5	33
31	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, 341-7	3.5	33
30	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	5.5	29
29	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, 557-70	4.4	28
28	The endocannabinoid/endovanilloid system and depression. <i>Current Neuropharmacology</i> , 2014 , 12, 462-746	4.6	26
27	Investigation of the GPR39 zinc receptor following inhibition of monoaminergic neurotransmission and potentialization of glutamatergic neurotransmission. <i>Brain Research Bulletin</i> , 2015 , 115, 23-9	3.9	23
26	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, 1337-49	3.9	23
25	Changes in the Brain Endocannabinoid System in Rat Models of Depression. <i>Neurotoxicity Research</i> , 2017 , 31, 421-435	4.3	22
24	Cocaine self-administration in Wistar-Kyoto rats: a behavioral and biochemical analysis. <i>Behavioural Brain Research</i> , 2015 , 293, 62-73	3.4	18
23	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	3.4	17
22	Adenosine (A)(2A)receptor modulation of nicotine-induced locomotor sensitization. A pharmacological and transgenic approach. <i>Neuropharmacology</i> , 2014 , 81, 318-26	5.5	17
21	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	4.3	14

20	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, 490-3	3.9	12
19	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	4.4	11
18	Cocaine-Induced Reinstatement of Cocaine Seeking Provokes Changes in the Endocannabinoid and -Acylethanolamine Levels in Rat Brain Structures. <i>Molecules</i> , 2019 , 24,	4.8	10
17	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, 315-22	3.6	10
16	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 ,	4.4	9
15	Identification of Phenolic Compounds and Determination of Antioxidant Activity in Extracts and Infusions of Salvia Leaves. <i>Materials</i> , 2020 , 13,	3.5	8
14	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	3.9	8
13	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	3.7	7
12	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	4.3	6
11	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, 5801570	6.7	5
10	Benzophenone-2 Concentration and Its Effect on Oxidative Stress and Apoptosis Markers in Rat Brain. <i>Neurotoxicity Research</i> , 2019 , 36, 39-48	4.3	4
9	Postmortem toxicology of carbamazepine. <i>Journal of Analytical Toxicology</i> , 2003 , 27, 243-8	2.9	4
8	Chemical Composition and Concentration of Bioactive Compounds in Garlic Cultivated from Air Bulbils. <i>Agriculture (Switzerland)</i> , 2020 , 10, 40	3	3
7	Fatty acids and selected endocannabinoids content in cerebrospinal fluids from patients with neuroinfections. <i>Metabolic Brain Disease</i> , 2019 , 34, 331-339	3.9	3
6	Garlic Grown from Air Bulbils and Its Potential Health Benefits. <i>ACS Symposium Series</i> , 2018 , 315-328	0.4	2
5	Changes in cannabinoid receptor expression in rat brain structures after exposure to cocaine. <i>Toxicology Letters</i> , 2015 , 238, S319	4.4	
4	Benzophenone-3 concentration and its effect on oxidative stress markers in rat brain. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO4-1-45	0	
3	Benzophenone-3 affects glutaminergic system in the rat brain. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO4-1-11	0	

2 Metabolism testing methods as exemplified by selected new psychoactive substances (NPSs) **2022**, 121-135

1 Disruption of Glutamate Homeostasis in the Brain of Rat Offspring Induced by Prenatal and Early Postnatal Exposure to Maternal High-Sugar Diet. *Nutrients*, **2022**, 14, 2184 6.7