Katarzyna GÅ‚ombik

List of Publications by Year
in descending order

32 papers	925 citations	430874 18 h-index	454955 30 g-index
32 all docs	32 docs citations	32 times ranked	1489 citing authors

#	Article	IF	Citations
1	Contribution of Hypothyroidism to Cognitive Impairment and Hippocampal Synaptic Plasticity Regulation in an Animal Model of Depression. International Journal of Molecular Sciences, 2021, 22, 1599.	4.1	11
2	Insights into a possible role of glucagon-like peptide-1 receptor agonists in the treatment of depression. Pharmacological Reports, 2021, 73, 1020-1032.	3.3	23
3	Mitochondria-targeting therapeutic strategies in the treatment of depression. Mitochondrion, 2021, 58, 169-178.	3.4	8
4	Venlafaxine and L-Thyroxine Treatment Combination: Impact on Metabolic and Synaptic Plasticity Changes in an Animal Model of Coexisting Depression and Hypothyroidism. Cells, 2021, 10, 1394.	4.1	6
5	Hormonal Regulation of Oxidative Phosphorylation in the Brain in Health and Disease. Cells, 2021, 10, 2937.	4.1	9
6	Brain Metabolic Alterations in Rats Showing Depression-Like and Obesity Phenotypes. Neurotoxicity Research, 2020, 37, 406-424.	2.7	18
7	Impaired Brain Energy Metabolism: Involvement in Depression and Hypothyroidism. Frontiers in Neuroscience, 2020, 14, 586939.	2.8	26
8	Inflammatory Consequences of Maternal Diabetes on the Offspring Brain: a Hippocampal Organotypic Culture Study. Neurotoxicity Research, 2019, 36, 357-375.	2.7	11
9	Mitochondrial proteomics investigation of frontal cortex in an animal model of depression: Focus on chronic antidepressant drugs treatment. Pharmacological Reports, 2018, 70, 322-330.	3.3	21
10	Regulators of glucocorticoid receptor function in an animal model of depression and obesity. Journal of Neuroendocrinology, 2018, 30, e12591.	2.6	10
11	Targeting the NLRP3 Inflammasome-Related Pathways via Tianeptine Treatment-Suppressed Microglia Polarization to the M1 Phenotype in Lipopolysaccharide-Stimulated Cultures. International Journal of Molecular Sciences, 2018, 19, 1965.	4.1	84
12	Regulation of insulin receptor phosphorylation in the brains of prenatally stressed rats: New insight into the benefits of antidepressant drug treatment. European Neuropsychopharmacology, 2017, 27, 120-131.	0.7	14
13	Suppression of pro-inflammatory cytokine expression and lack of anti-depressant-like effect of fluoxetine in lipopolysaccharide-treated old female mice. International Immunopharmacology, 2017, 48, 35-42.	3.8	15
14	Evaluation of the effectiveness of chronic antidepressant drug treatments in the hippocampal mitochondria â€“ A proteomic study in an animal model of depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 78, 51-60.	4.8	21
15	The Modulatory Properties of Chronic Antidepressant Drugs Treatment on the Brain Chemokine â€“ Chemokine Receptor Network: A Molecular Study in an Animal Model of Depression. Frontiers in Pharmacology, 2017, 8, 779.	3.5	34
16	Proteomic Analysis of Mitochondria-Enriched Fraction Isolated from the Frontal Cortex and Hippocampus of Apolipoprotein E Knockout Mice Treated with Alda-1, an Activator of Mitochondrial Aldehyde Dehydrogenase (ALDH2). International Journal of Molecular Sciences, 2017, 18, 435.	4.1	6
17	Fractalkine Attenuates Microglial Cell Activation Induced by Prenatal Stress. Neural Plasticity, 2016, 2016, 1-11.	2.2	14
18	Immune malfunction in the GPR39 zinc receptor of knockout mice: Its relationship to depressive disorder. Journal of Neuroimmunology, 2016, 291, 11-17.	2.3	12

#	ARTICLE	IF	CITATIONS
19	Beneficial impact of intracerebroventricular fractalkine administration on behavioral and biochemical changes induced by prenatal stress in adult rats: Possible role of NLRP3 inflammasome pathway. Biochemical Pharmacology, 2016, 113, 45-56.	4.4	31
20	Pro-apoptotic Action of Corticosterone in Hippocampal Organotypic Cultures. Neurotoxicity Research, 2016, 30, 225-238.	2.7	17
21	The Beneficial Impact of Antidepressant Drugs on Prenatal Stress-Evoked Malfunction of the Insulin-Like Growth Factor-1 (IGF-1) Protein Family in the Olfactory Bulbs of Adult Rats. Neurotoxicity Research, 2016, 29, 288-298.	2.7	23
22	The effect of chronic tianeptine administration on the brain mitochondria: direct links with an animal model of depression. Molecular Neurobiology, 2016, 53, 7351-7362.	4.0	21
23	The impact of mitochondrial aldehyde dehydrogenase (ALDH2) activation by Alda-1 on the behavioral and biochemical disturbances in animal model of depression. Brain, Behavior, and Immunity, 2016, 51, 144-153.	4.1	27
24	A Potential Contribution of Chemokine Network Dysfunction to the Depressive Disorders. Current Neuropharmacology, 2016, 14, 705-720.	2.9	33
25	Maternal stress predicts altered biogenesis and the profile of mitochondrial proteins in the frontal cortex and hippocampus of adult offspring rats. Psychoneuroendocrinology, 2015, 60, 151-162.	2.7	55
26	Prenatal stress is a vulnerability factor for altered morphology and biological activity of microglia cells. Frontiers in Cellular Neuroscience, 2015, 9, 82.	3.7	108
27	Brain glucose metabolism in an animal model of depression. Neuroscience, 2015, 295, 198-208.	2.3	66
28	Inhibitory effect of antidepressant drugs on contact hypersensitivity reaction is connected with their suppressive effect on NKT and CD8+ T cells but not on TCR delta T cells. International Immunopharmacology, 2015, 28, 1091-1096.	3.8	8
29	Mitochondrial Aldehyde Dehydrogenase Activation by Aldaâ€1 Inhibits Atherosclerosis and Attenuates Hepatic Steatosis in Apolipoprotein Eâ€Knockout Mice. Journal of the American Heart Association, 2014, 3, e001329.	3.7	51
30	Curcumin influences semen quality parameters and reverses the di(2-ethylhexyl)phthalate (DEHP)-induced testicular damage in mice. Pharmacological Reports, 2014, 66, 782-787.	3.3	35
31	Possible contribution of IGF-1 to depressive disorder. Pharmacological Reports, 2013, 65, 1622-1631.	3.3	51
32	Maternal immune activation leads to age-related behavioral and immunological changes in male rat offspring - the effect of antipsychotic drugs. Pharmacological Reports, 2012, 64, 1400-1410.	3.3	56