

Jana Hroudová

List of Publications by Year in descending order

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43
papers

1,560
citations

331670

21
h-index

315739

38
g-index

43
all docs

43
docs citations

43
times ranked

2764
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial Dysfunctions in Neurodegenerative Diseases: Relevance to Alzheimer's Disease. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	227
2	Biological hypotheses and biomarkers of bipolar disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2017, 71, 77-103.	1.8	164
3	Cannabinoid-induced changes in respiration of brain mitochondria. <i>Toxicology Letters</i> , 2014, 231, 62-71.	0.8	93
4	Mitochondrial respiration in blood platelets of depressive patients. <i>Mitochondrion</i> , 2013, 13, 795-800.	3.4	90
5	In vitro inhibition of mitochondrial respiratory rate by antidepressants. <i>Toxicology Letters</i> , 2012, 213, 345-352.	0.8	74
6	Mitochondrial Respiration in the Platelets of Patients with Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2016, 13, 930-941.	1.4	71
7	Activities of respiratory chain complexes and citrate synthase influenced by pharmacologically different antidepressants and mood stabilizers. <i>Neuroendocrinology Letters</i> , 2010, 31, 336-42.	0.2	60
8	Cannabinoid-Induced Changes in the Activity of Electron Transport Chain Complexes of Brain Mitochondria. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 926-931.	2.3	59
9	Progress in drug development for Alzheimer's disease: An overview in relation to mitochondrial energy metabolism. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 774-784.	5.5	56
10	Connectivity between mitochondrial functions and psychiatric disorders. <i>Psychiatry and Clinical Neurosciences</i> , 2011, 65, 130-141.	1.8	51
11	Loss of mitochondrial DNA-encoded protein ND1 results in disruption of complex I biogenesis during early stages of assembly. <i>FASEB Journal</i> , 2016, 30, 2236-2248.	0.5	49
12	Newly Developed Drugs for Alzheimer's Disease in Relation to Energy Metabolism, Cholinergic and Monoaminergic Neurotransmission. <i>Neuroscience</i> , 2018, 370, 191-206.	2.3	48
13	Control mechanisms in mitochondrial oxidative phosphorylation. <i>Neural Regeneration Research</i> , 2013, 8, 363-75.	3.0	45
14	Plasma cortisol in Alzheimer's disease with or without depressive symptoms. <i>Medical Science Monitor</i> , 2013, 19, 681-689.	1.1	41
15	Activities of mitochondrial respiratory chain complexes in platelets of patients with Alzheimer's disease and depressive disorder. <i>Mitochondrion</i> , 2019, 48, 67-77.	3.4	40
16	Inhibition of monoamine oxidase activity by antidepressants and mood stabilizers. <i>Neuroendocrinology Letters</i> , 2010, 31, 645-56.	0.2	35
17	Mitochondrial Dysfunctions in Bipolar Disorder: Effect of the Disease and Pharmacotherapy. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017, 16, 176-186.	1.4	27
18	In vitro effects of antipsychotics on mitochondrial respiration. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 1209-1223.	3.0	27

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19	A Transgenic Approach to Identify Thyroxine Transporter-Expressing Structures in Brain Development. <i>Journal of Neuroendocrinology</i> , 2011, 23, 1194-1203.	2.6	25
20	Plasma amyloid beta levels and platelet mitochondrial respiration in patients with Alzheimer's disease. <i>Clinical Biochemistry</i> , 2019, 72, 71-80.	1.9	23
21	Synthesis and In Vitro Evaluation of N-(Bromobut-3-en-2-yl)-7-methoxy-1,2,3,4-tetrahydroacridin-9-amine as a Cholinesterase Inhibitor with Regard to Alzheimer's Disease Treatment. <i>Molecules</i> , 2010, 15, 8804-8812.	3.8	22
22	Synthesis and in vitro evaluation of 7-methoxy-N-(pent-4-enyl)-1,2,3,4-tetrahydroacridin-9-amine—new tacrine derivate with cholinergic properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6563-6566.	2.2	21
23	The effect of prolonged simvastatin application on serotonin uptake, membrane microviscosity and behavioral changes in the animal model. <i>Physiology and Behavior</i> , 2016, 158, 112-120.	2.1	20
24	Disturbances of mitochondrial parameters to distinguish patients with depressive episode of bipolar disorder and major depressive disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 233-240.	2.2	20
25	In Vitro Effects of Cognitives and Nootropics on Mitochondrial Respiration and Monoamine Oxidase Activity. <i>Molecular Neurobiology</i> , 2017, 54, 5894-5904.	4.0	17
26	Interactions Among Polymorphisms of Susceptibility Loci for Alzheimer's Disease or Depressive Disorder. <i>Medical Science Monitor</i> , 2018, 24, 2599-2619.	1.1	17
27	Novel approaches in schizophrenia—from risk factors and hypotheses to novel drug targets. <i>World Journal of Psychiatry</i> , 2021, 11, 277-296.	2.7	17
28	Interplay between the APOE Genotype and Possible Plasma Biomarkers in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2018, 15, 938-950.	1.4	15
29	Capture of Somatic mtDNA Point Mutations with Severe Effects on Oxidative Phosphorylation in Synaptosome Cybrid Clones from Human Brain. <i>Human Mutation</i> , 2014, 35, 1476-1484.	2.5	12
30	In vitro effects of antidepressants and mood-stabilizing drugs on cell energy metabolism. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 797-811.	3.0	12
31	Effect of Novel Antipsychotics on Energy Metabolism — In Vitro Study in Pig Brain Mitochondria. <i>Molecular Neurobiology</i> , 2021, 58, 5548-5563.	4.0	12
32	Mitochondrial Dysfunction in Blood Platelets of Patients with Manic Episode of Bipolar Disorder. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019, 18, 222-231.	1.4	11
33	In vitro effects of acetylcholinesterase reactivators on monoamine oxidase activity. <i>Toxicology Letters</i> , 2011, 201, 176-180.	0.8	10
34	Plasma homocysteine in Alzheimer's disease with or without co-morbid depressive symptoms. <i>Neuroendocrinology Letters</i> , 2014, 35, 42-9.	0.2	8
35	Effects of novel 17 β -hydroxysteroid dehydrogenase type 10 inhibitors on mitochondrial respiration. <i>Toxicology Letters</i> , 2021, 339, 12-19.	0.8	7
36	Little in vitro effect of remdesivir on mitochondrial respiration and monoamine oxidase activity in isolated mitochondria. <i>Toxicology Letters</i> , 2021, 350, 143-151.	0.8	6

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37	In vitro effects of acetylcholinesterase inhibitors and reactivators on Complex I of electron transport chain. <i>Neuroendocrinology Letters</i> , 2011, 32, 259-63.	0.2	6
38	Effects of Novel Tacrine Derivatives on Mitochondrial Energy Metabolism and Monoamine Oxidase Activity – In Vitro Study. <i>Molecular Neurobiology</i> , 2021, 58, 1102-1113.	4.0	5
39	Huprine Y – Tryptophan heterodimers with potential implication to Alzheimer’s disease treatment. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 43, 128100.	2.2	5
40	Measurement of Mitochondrial Respiration in Platelets. <i>Methods in Molecular Biology</i> , 2021, 2277, 269-276.	0.9	4
41	Comparison of Novel Tacrine and 7-MEOTA Derivatives with Aromatic and Alicyclic Residues: Synthesis, Biological Evaluation and Docking Studies. <i>Letters in Organic Chemistry</i> , 2013, 10, 291-297.	0.5	3
42	Assessment of the Effects of Drugs on Mitochondrial Respiration. <i>Methods in Molecular Biology</i> , 2021, 2277, 133-142.	0.9	3
43	Research of new drugs for Alzheimer's disease. <i>Psychiatrie Pro Praxi</i> , 2017, 18, 7-10.	0.1	2