Petr N Menshanov

List of Publications by Year
in descending order

33	328	933447 10	940533 16
papers	citations	h-index	g-index

33	33	33	298
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Various Wolbachia genotypes differently influence host Drosophila dopamine metabolism and survival under heat stress conditions. BMC Evolutionary Biology, 2017, 17, 252.	3.2	48
2	Downregulation of the dopamine D2-like receptor in corpus allatum affects juvenile hormone synthesis in Drosophila melanogaster females. Journal of Insect Physiology, 2012, 58, 348-355.	2.0	36
3	Region-Specific Interrelations between Apoptotic Proteins Expression and DNA Fragmentation in the Neonatal Rat Brain. Neurochemical Research, 2006, 31, 869-875.	3.3	24
4	Disruption of insulin signalling affects the neuroendocrine stress reaction in Drosophila females. Journal of Experimental Biology, 2014, 217, 3733-41.	1.7	23
5	Decrease in juvenile hormone level as a result of genetic ablation of the Corpus allatum cells affects the synthesis and metabolism of stress related hormones in Drosophila. Journal of Insect Physiology, 2012, 58, 49-55.	2.0	22
6	Insulin-like peptide DILP6 regulates juvenile hormone and dopamine metabolism in Drosophila females. General and Comparative Endocrinology, 2017, 243, 1-9.	1.8	20
7	Mechanisms of age-specific regulation of dopamine metabolism by juvenile hormone and 20-hydroxyecdysone in Drosophila females. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2011, 181, 19-26.	1.5	18
8	Drosophila female fertility and juvenile hormone metabolism depends on the type of Wolbachia infection. Journal of Experimental Biology, 2019, 222, .	1.7	18
9	Unique Wolbachia strain wMelPlus increases heat stress resistance in Drosophila melanogaster. Archives of Insect Biochemistry and Physiology, 2021, 106, e21776.	1.5	17
10	Dexamethasone suppresses the locomotor response of neonatal rats to novel environment. Behavioural Brain Research, 2014, 271, 43-50.	2.2	12
11	Molecular mechanisms of exceptional lifespan increase of Drosophila melanogaster with different genotypes after combinations of pro-longevity interventions. Communications Biology, 2022, 5, .	4.4	10
12	The interrelationship between BDNF and its precursor and the level of active caspase-3 in the brain regions of neonatal rats. Neurochemical Journal, 2012, 6, 260-264.	0.5	7
13	Fitness Analysis and Transcriptome Profiling Following Repeated Mild Heat Stress of Varying Frequency in Drosophila melanogaster Females. Biology, 2021, 10, 1323.	2.8	7
14	Assessment of neonatal rat's activity by the automated registration of the animal entries in the squares of a testing arena. Journal of Neuroscience Methods, 2007, 164, 299-303.	2.5	6
15	Effects of Dexamethasone on the Development of Neonatal Rats and Level of Active Caspase-3 in Brain Cortex. Bulletin of Experimental Biology and Medicine, 2012, 153, 478-480.	0.8	6
16	Genotype and haplotype frequencies of the DRD4 VNTR polymorphism in the men with no history of ADHD, convicted of violent crimes. Journal of Criminal Justice, 2015, 43, 464-469.	2.3	6
17	Bax and Bcl-XL Apoptosis Protein mRNA in Rat Brain Stem and Cortex during Ontogeny. Bulletin of Experimental Biology and Medicine, 2005, 139, 700-702.	0.8	5
18	Coordinated expression of pro- and antiapoptotic proteins in the hippocampus of neonatal rats. Neurochemical Journal, 2011, 5, 20-23.	0.5	5

#	Article	IF	Citations
19	Frequency of 3â€™ VNTR Polymorphism in the Dopamine Transporter Gene SLC6A3 in Humans Predisposed to Antisocial Behavior. Bulletin of Experimental Biology and Medicine, 2016, 162, 82-85.	0.8	5
20	Anoxia ameliorates the dexamethasone-induced neurobehavioral alterations in the neonatal male rat pups. Hormones and Behavior, 2017, 87, 122-128.	2.1	5
21	Negative regulation of caspase-3 expression in the neonatal cerebral cortex by Î±2A-adrenoceptors. Bulletin of Experimental Biology and Medicine, 2007, 143, 277-279.	0.8	4
22	Insulinâ€like receptor substrate gene chico regulates octopamine metabolism in <scp>D</scp>rosophila melanogaster. Physiological Entomology, 2017, 42, 85-90.	1.5	4
23	The neurochemical profile of the hippocampus in isoflurane-treated and unanesthetized rat pups. Interdisciplinary Toxicology, 2015, 8, 113-117.	1.0	3
24	Estimation of an area between the baseline and the effect curve parameter for lactate levels in the hippocampi of neonatal rats during anesthesia. Journal of Pharmaceutical and Biomedical Analysis, 2018, 150, 327-332.	2.8	3
25	The effect of mild heat stress of different frequencies on the adaptability of Drosophila melanogaster females. Archives of Insect Biochemistry and Physiology, 2019, 102, e21619.	1.5	3
26	The effects of dexamethasone and hypoxia on the content of active caspase-3 in the cerebellum and the behavior of neonatal rats. Biology Bulletin, 2014, 41, 540-544.	0.5	2
27	Knockdown of InR gene in ventral nephrocytes promotes resistance to toxic stress in Drosophila melanogaster females. Russian Journal of Genetics, 2015, 51, 210-213.	0.6	2
28	Methodological aspects of read mapping and assembly of transcriptomes derived from the brain tissue samples of Rattus norvegicus. Russian Journal of Genetics: Applied Research, 2015, 5, 401-406.	0.4	2
29	Toxic Effects of Lithium Chloride during Early Neonatal Period of Rat Development. Bulletin of Experimental Biology and Medicine, 2016, 160, 459-461.	0.8	2
30	A Link between Atmospheric Pressure and Fertility of Drosophila Laboratory Strains. Insects, 2021, 12, 947.	2.2	2
31	Characteristics of Spontaneous Motor Activity in Neonatal Rats in a Novel Context. Neuroscience and Behavioral Physiology, 2014, 44, 285-291.	0.4	1
32	The effects of glucocorticoids on the ratio between brain-derived neurotrophic factor and its proform in the neonatal hippocampus. Neurochemical Journal, 2015, 9, 271-274.	0.5	0
33	The Early-Life Â«ProgrammingÂ» of Anxiety-Driven Behaviours in Adulthood as a Product of Predator-Driven Evolution. Evolutionary Biology, 0, , .	1.1	0