

Alexander Alekseev

List of Publications by Year in descending order

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36
papers

546
citations

840776

11
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642732

23
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36
all docs

36
docs citations

36
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of entomopathogenic fungi on detoxification enzyme activity in greater wax moth <i>Galleria mellonella</i> L. (Lepidoptera, Pyralidae) and role of detoxification enzymes in development of insect resistance to entomopathogenic fungi. <i>Biology Bulletin</i> , 2006, 33, 581-586.	0.5	73
2	Effects of dopamine on juvenile hormone metabolism and fitness in <i>Drosophila virilis</i> . <i>Journal of Insect Physiology</i> , 2005, 51, 959-968.	2.0	66
3	Juvenile hormone, 20-hydroxyecdysone and dopamine interaction in <i>Drosophila virilis</i> reproduction under normal and nutritional stress conditions. <i>Journal of Insect Physiology</i> , 2005, 51, 417-425.	2.0	63
4	Effects of octopamine on reproduction, juvenile hormone metabolism, dopamine, and 20-hydroxyecdysone contents in <i>Drosophila</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2007, 65, 85-94.	1.5	49
5	The phenylthiourea is a competitive inhibitor of the enzymatic oxidation of DOPA by phenoloxidase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2012, 27, 78-83.	5.2	47
6	Dopamine and octopamine regulate 20-hydroxyecdysone level in vivo in <i>Drosophila</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2007, 65, 95-102.	1.5	45
7	Dopamine down-regulates activity of alkaline phosphatase in <i>Drosophila</i> : The role of D2-like receptors. <i>Journal of Insect Physiology</i> , 2010, 56, 1155-1159.	2.0	39
8	Disruption of insulin signalling affects the neuroendocrine stress reaction in <i>Drosophila</i> females. <i>Journal of Experimental Biology</i> , 2014, 217, 3733-41.	1.7	23
9	Role of arylalkylamine N-acetyltransferase in regulation of biogenic amines levels by gonadotropins in <i>Drosophila</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2008, 178, 315-320.	1.5	22
10	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 <i>Drosophila</i> . <i>Journal of Insect Physiology</i> , 2012, 58, 49-55.	2.0	22
11	Title is missing!. <i>Biology Bulletin</i> , 2001, 28, 499-503.	0.5	13
12	Role of ecdysone 20-monoxygenase in regulation of 20-hydroxyecdysone levels by juvenile hormone and biogenic amines in <i>Drosophila</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2008, 178, 27-32.	1.5	10
13	Probable mechanism of sexual dimorphism in insulin control of <i>Drosophila</i> heat stress resistance. <i>Physiological Entomology</i> , 2016, 41, 59-66.	1.5	10
14	Interplay of insulin and dopamine signaling pathways in the control of <i>Drosophila melanogaster</i> fitness. <i>Doklady Biochemistry and Biophysics</i> , 2015, 461, 135-138.	0.9	9
15	Dopamine affects the level of 20-hydroxyecdysone in <i>Drosophila virilis</i> females. <i>Doklady Biological Sciences</i> , 2006, 407, 179-181.	0.6	8
16	Dopamine effect on 20-hydroxyecdysone level is mediated by juvenile hormone in <i>Drosophila</i> females. <i>Doklady Biochemistry and Biophysics</i> , 2012, 446, 263-265.	0.9	5
17	Role of Chiral Configuration in the Photoinduced Interaction of D- and L-Tryptophan with Optical Isomers of Ketoprofen in Linked Systems. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6198.	4.1	5
18	20-hydroxyecdysone interacts with juvenile hormone and dopamine in the control of <i>Drosophila virilis</i> fertility. <i>Doklady Biological Sciences</i> , 2005, 400, 68-70.	0.6	4

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19	Octopamine regulates the 20-hydroxyecdysone level in <i>Drosophila</i> females. <i>Doklady Biological Sciences</i> , 2006, 411, 461-463.	0.6	4
20	Susceptibility of the taiga tick <i>Ixodes persulcatus</i> Schulze to pyrethroids. <i>Experimental and Applied Acarology</i> , 1994, 18, 233-240.	1.6	3
21	An increase in the dopamine level accelerates sexual maturation of <i>Drosophila melanogaster</i> deficient in the juvenile hormone. <i>Doklady Biological Sciences</i> , 2006, 406, 88-90.	0.6	3
22	Effect of exogenous ecdysteroids on growth, development, and fertility of the Egyptian cotton leafworm <i>Spodoptera littoralis</i> boisd. (Lepidoptera: Noctuidae). <i>Doklady Biological Sciences</i> , 2006, 411, 512-514.	0.6	3
23	Effect of gonadotropins on dopamine metabolism in mature <i>Drosophila</i> females. <i>Doklady Biochemistry and Biophysics</i> , 2009, 427, 179-181.	0.9	3
24	The effect of dopamine on alkaline phosphatase activity in <i>Drosophila</i> is mediated by D2-like receptors. <i>Doklady Biochemistry and Biophysics</i> , 2010, 431, 87-89.	0.9	3
25	Isolation and properties of fibrinolytic subtilisin-like serine protease secreted by the <i>Bacillus subtilis</i> strain B-2805. <i>Doklady Biochemistry and Biophysics</i> , 2014, 455, 72-75.	0.9	3
26	Toxic Effects of Fine Plant Powder Impregnated With Avermectins on Mosquito Larvae and Nontarget Aquatic Invertebrates. <i>Journal of Medical Entomology</i> , 2021, 58, 773-780.	1.8	3
27	The mechanism of the effect of apterous 56f mutation on the reproductive function of <i>Drosophila melanogaster</i> . <i>Russian Journal of Genetics</i> , 2006, 42, 115-121.	0.6	2
28	Characterization and Biological Action of Avermectin Granules on the Moroccan Locust, <i>Dociostaurus maroccanus</i> (Orthoptera: Acrididae). <i>Journal of Economic Entomology</i> , 2019, 112, 2663-2669.	1.8	2
29	Experimental decrease in dopamine level dramatically decreases <i>Drosophila virilis</i> fitness. <i>Doklady Biological Sciences</i> , 2005, 401, 127-129.	0.6	1
30	Effect of octopamine on <i>Drosophila melanogaster</i> reproduction is mediated by gonadotropins. <i>Doklady Biological Sciences</i> , 2006, 410, 407-409.	0.6	1
31	Physiological and biochemical distinctions between solitary and gregarious caterpillars of the meadow moth <i>Loxostege sticticalis</i> L. (Lepidoptera: Pyralidae). <i>Doklady Biological Sciences</i> , 2008, 422, 316-317.	0.6	1
32	A synthesis of tritium-labeled juvenile hormone and radiometric analysis of the enzymatic hydrolysis level. <i>Russian Journal of Bioorganic Chemistry</i> , 2017, 43, 211-215.	1.0	1
33	Changes in juvenile hormone hydrolysis rate and dopamine level in the hemolymph of <i>Galleria mellonella</i> L. (Lepidoptera, Pyralidae) during mycosis. <i>Doklady Biological Sciences</i> , 2007, 412, 58-60.	0.6	0
34	Effect of octopamine on ecdysone-20 monooxygenase activity in <i>Drosophila</i> . <i>Doklady Biochemistry and Biophysics</i> , 2007, 415, 194-196.	0.9	0
35	Juvenile hormone and 20-hydroxyecdysone regulate N-acetyltransferase activity in <i>Drosophila virilis</i> . <i>Doklady Biochemistry and Biophysics</i> , 2007, 416, 237-239.	0.9	0
36	Gonadotropins regulate tyrosine hydroxylase activity in <i>Drosophila virilis</i> . <i>Doklady Biochemistry and Biophysics</i> , 2008, 423, 325-327.	0.9	0