

# Ekaterina V Grizanova

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

836  
citations

687363

13  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of bacterial infection on antioxidant activity and lipid peroxidation in the midgut of <i>Galleria mellonella</i> L. larvae (Lepidoptera, Pyralidae). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 148, 1-5.	2.6	144
2	More than a colour change: insect melanism, disease resistance and fecundity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130584.	2.6	136
3	Can Insects Develop Resistance to Insect Pathogenic Fungi?. <i>PLoS ONE</i> , 2013, 8, e60248.	2.5	124
4	Immuno-physiological adaptations confer wax moth <i>Galleria mellonella</i> resistance to <i>Bacillus thuringiensis</i> . <i>Virulence</i> , 2016, 7, 860-870.	4.4	88
5	Contributions of cellular and humoral immunity of <i>Galleria mellonella</i> larvae in defence against oral infection by <i>Bacillus thuringiensis</i> . <i>Journal of Invertebrate Pathology</i> , 2014, 119, 40-46.	3.2	64
6	The effects of dietary nickel on the detoxification enzymes, innate immunity and resistance to the fungus <i>Beauveria bassiana</i> in the larvae of the greater wax moth <i>Galleria mellonella</i> . <i>Chemosphere</i> , 2011, 85, 92-96.	8.2	57
7	Experimental evolution of resistance against <i>Bacillus thuringiensis</i> in the insect model host <i>Galleria mellonella</i> results in epigenetic modifications. <i>Virulence</i> , 2017, 8, 1618-1630.	4.4	52
8	Generation of reactive oxygen species and activity of antioxidants in hemolymph of the moth larvae <i>Galleria mellonella</i> (L.) (Lepidoptera: Piralidae) at development of the process of encapsulation. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2010, 46, 35-43.	0.6	35
9	Epigenetic mechanisms mediate the experimental evolution of resistance against parasitic fungi in the greater wax moth <i>Galleria mellonella</i> . <i>Scientific Reports</i> , 2019, 9, 1626.	3.3	22
10	<i>Metarhizium brunneum</i> infection dynamics differ at the cuticle interface of susceptible and tolerant morphs of <i>Galleria mellonella</i> . <i>Virulence</i> , 2019, 10, 999-1012.	4.4	19
11	Maintenance of redox balance by antioxidants in hemolymph of the greater wax moth <i>Galleria mellonella</i> larvae during encapsulation response. <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 98, e21460.	1.5	17
12	Bacterial and fungal infections induce bursts of dopamine in the haemolymph of the Colorado potato beetle <i>Leptinotarsa decemlineata</i> and greater wax moth <i>Galleria mellonella</i> . <i>Journal of Invertebrate Pathology</i> , 2018, 153, 203-206.	3.2	14
13	The role of midgut nonspecific esterase in the susceptibility of <i>Galleria mellonella</i> larvae to <i>Bacillus thuringiensis</i> . <i>Journal of Invertebrate Pathology</i> , 2019, 166, 107208.	3.2	14
14	RNAi-mediated suppression of insect metalloprotease inhibitor (IMPI) enhances <i>Galleria mellonella</i> susceptibility to fungal infection. <i>Developmental and Comparative Immunology</i> , 2021, 122, 104126.	2.3	11
15	Generation of superoxide radical and hydrogen peroxide in insect hemolymph in the course of immune response. <i>Doklady Biological Sciences</i> , 2006, 411, 482-485.	0.6	10
16	Greater wax moth <i>Galleria mellonella</i> (Lepidoptera: Pyralidae) as a resistant model host for <i>Nosema pyrausta</i> (Microsporidia: Nosematidae). <i>Journal of Invertebrate Pathology</i> , 2018, 157, 1-3.	3.2	9
17	<i>Bacillus thuringiensis</i> Spores and Cry3A Toxins Act Synergistically to Expedite Colorado Potato Beetle Mortality. <i>Toxins</i> , 2021, 13, 746.	3.4	9
18	The Effect of Silicon Dioxide Nanoparticles Combined with Entomopathogenic Bacteria or Fungus on the Survival of Colorado Potato Beetle and Cabbage Beetles. <i>Nanomaterials</i> , 2022, 12, 1558.	4.1	9