Ekaterina V Grizanova

List of Publications by Year
in descending order

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18	836	687363 13	794594 19
papers	citations	h-index	g-index

19	19	19	981
all docs	docs citations	times ranked	citing authors

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