

Ladislav Roller

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,820
citations

566801

15
h-index

454577

30
g-index

33
all docs

33
docs citations

33
times ranked

1970
citing authors

#	ARTICLE	IF	CITATIONS
1	Camptothecin, triptolide, and apoptosis inducer kit have differential effects on mitochondria in colorectal carcinoma cells. <i>FEBS Open Bio</i> , 2022, 12, 913-924.	1.0	6
2	Expression analysis of peptidergic enteroendocrine cells in the silkworm <i>Bombyx mori</i> . <i>Cell and Tissue Research</i> , 2022, 389, 385-407.	1.5	5
3	Identification and function of ETH receptor networks in the silkworm <i>Bombyx mori</i> . <i>Scientific Reports</i> , 2021, 11, 11693.	1.6	10
4	Enteroendocrine peptides regulate feeding behavior via controlling intestinal contraction of the silkworm <i>Bombyx mori</i> . <i>PLoS ONE</i> , 2019, 14, e0219050.	1.1	15
5	Multiple neuropeptides produced by sex-specific neurons control activity of the male accessory glands and gonoducts in the silkworm <i>Bombyx mori</i> . <i>Scientific Reports</i> , 2019, 9, 2253.	1.6	12
6	Effects of $\hat{1}^3$ radiation on the reproduction and enteroendocrine cells of the spruce bark beetle <i>Ips typographus</i> and prospects for its control. <i>Biologia (Poland)</i> , 2018, 73, 67-75.	0.8	2
7	Gene expression in reproductive organs of tsetse females " initial data in an approach to reduce fecundity. <i>BMC Microbiology</i> , 2018, 18, 144.	1.3	4
8	Developmental and sex-specific differences in expression of neuropeptides derived from allatotropin gene in the silkworm <i>Bombyx mori</i> . <i>Cell and Tissue Research</i> , 2017, 368, 259-275.	1.5	11
9	Avathrin: a novel thrombin inhibitor derived from a multicopy precursor in the salivary glands of the ixodid tick, <i>Amblyomma variegatum</i> . <i>FASEB Journal</i> , 2017, 31, 2981-2995.	0.2	14
10	Molecular cloning, expression and identification of the promoter regulatory region for the neuropeptide trissin in the nervous system of the silkworm <i>Bombyx mori</i> . <i>Cell and Tissue Research</i> , 2016, 364, 499-512.	1.5	25
11	Expression of RYamide in the nervous and endocrine system of <i>Bombyx mori</i> . <i>Peptides</i> , 2016, 80, 72-79.	1.2	29
12	In vitro study of partially hydrolyzed poly(2-ethyl-2-oxazolines) as materials for biomedical applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 157.	1.7	16
13	Impact of the Carpathians on the genetic structure of the spruce bark beetle <i>Ips typographus</i> . <i>Journal of Pest Science</i> , 2013, 86, 669-676.	1.9	15
14	Immunization with recombinant subolesin does not reduce tick infection with tick-borne encephalitis virus nor protect mice against disease. <i>Vaccine</i> , 2013, 31, 1582-1589.	1.7	13
15	Analysis of lipolysis underlying lactation in the tsetse fly, <i>Glossina morsitans</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 360-370.	1.2	68
16	<i>Bombyx</i> orckinins are brain-gut peptides involved in the neuronal regulation of ecdysteroidogenesis. <i>Journal of Comparative Neurology</i> , 2011, 519, 238-246.	0.9	74
17	<i>Bombyx</i> prothoracicostatic peptides activate the sex peptide receptor to regulate ecdysteroid biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2060-2065.	3.3	122
18	Ecdysis triggering hormone signaling in arthropods. <i>Peptides</i> , 2010, 31, 429-441.	1.2	82

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19	Aproceros leucopoda (Hymenoptera: Argidae): An East Asian pest of elms (Ulmus spp.) invading Europe. European Journal of Entomology, 2010, 107, 357-367.	1.2	33
20	Transgenesis approaches for functional analysis of peptidergic cells in the silkworm Bombyx mori. General and Comparative Endocrinology, 2009, 162, 36-42.	0.8	13
21	Functional role of 64P, the candidate transmission-blocking vaccine antigen from the tick, Rhipicephalus appendiculatus. International Journal for Parasitology, 2009, 39, 1485-1494.	1.3	37
22	A New Species of Sciomyza Fall�n from Central Europe (Diptera: Sciomyzidae). Mitteilungen Aus Dem Museum Fur Naturkunde in Berlin - Deutsche Entomologische Zeitschrift, 2008, 43, 245-250.	0.3	0
23	The unique evolution of neuropeptide genes in the silkworm Bombyx mori. Insect Biochemistry and Molecular Biology, 2008, 38, 1147-1157.	1.2	269
24	The genome of a lepidopteran model insect, the silkworm Bombyx mori. Insect Biochemistry and Molecular Biology, 2008, 38, 1036-1045.	1.2	592
25	Effects of horsefly (Tabanidae) salivary gland extracts on isolated perfused rat heart. Medical and Veterinary Entomology, 2007, 21, 384-389.	0.7	4
26	Complex steroid-peptide-receptor cascade controls insect ecdysis. General and Comparative Endocrinology, 2007, 153, 88-96.	0.8	167
27	Molecular cloning of [Thr4, His7]-corazonin (Apime-corazonin) and its distribution in the central nervous system of the honey bee Apis mellifera (Hymenoptera: Apidae). Applied Entomology and Zoology, 2006, 41, 331-338.	0.6	20
28	Seasonal flight activity of sawflies (Hymenoptera, Symphyta) in submontane region of the Western Carpathians, Central Slovakia. Biologia (Poland), 2006, 61, 193-205.	0.8	5
29	Corazonin and corazonin-like substances in the central nervous system of the Pterygote and Apterygote insects. Cell and Tissue Research, 2003, 312, 393-406.	1.5	73
30	Vasodilatory activity in horsefly and deerfly salivary glands. Medical and Veterinary Entomology, 2003, 17, 395-402.	0.7	9
31	Corazonin reduces the spinning rate in the silkworm, Bombyx mori. Journal of Insect Physiology, 2002, 48, 707-714.	0.9	70
32	Allochthonous blue spruce in Central Europe serves as a host for many native species of sawflies (Hymenoptera, Symphyta). Journal of Hymenoptera Research, 0, 51, 159-169.	0.8	5