

Hana Sehadova

List of Publications by Year in descending order

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30
papers

885
citations

687363

13
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

784
citing authors

#	ARTICLE	IF	CITATIONS
1	The Neuropeptide Pigment-Dispersing Factor Adjusts Period and Phase of <i>Drosophila</i> 's Clock. <i>Journal of Neuroscience</i> , 2009, 29, 2597-2610.	3.6	225
2	Temperature Entrainment of <i>Drosophila</i> 's Circadian Clock Involves the Gene <i>nocte</i> and Signaling from Peripheral Sensory Tissues to the Brain. <i>Neuron</i> , 2009, 64, 251-266.	8.1	146
3	Distribution of Circadian Clock-Related Proteins in the Cephalic Nervous System of the Silkworm, <i>Bombyx Mori</i> . <i>Journal of Biological Rhythms</i> , 2004, 19, 466-482.	2.6	67
4	Life at High Latitudes Does Not Require Circadian Behavioral Rhythmicity under Constant Darkness. <i>Current Biology</i> , 2019, 29, 3928-3936.e3.	3.9	55
5	<i>Rhodopsin 5</i> and <i>Rhodopsin 6</i> -Mediated Clock Synchronization in <i>Drosophila melanogaster</i> Is Independent of Retinal Phospholipase C- β Signaling. <i>Journal of Biological Rhythms</i> , 2012, 27, 25-36.	2.6	53
6	Cryptochrome Antagonizes Synchronization of <i>Drosophila</i> 's Circadian Clock to Temperature Cycles. <i>Current Biology</i> , 2013, 23, 185-195.	3.9	52
7	QUASIMODO, a Novel GPI-Anchored Zona Pellucida Protein Involved in Light Input to the <i>Drosophila</i> Circadian Clock. <i>Current Biology</i> , 2011, 21, 719-729.	3.9	39
8	Day/night fluctuations in melatonin content, arylalkylamine N-acetyltransferase activity and NAT mRNA expression in the CNS, peripheral tissues and hemolymph of the cockroach, <i>Periplaneta americana</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 140, 27-36.	1.6	35
9	Immunoreactivities to Three Circadian Clock Proteins in Two Ground Crickets Suggest Interspecific Diversity of the Circadian Clock Structure. <i>Journal of Biological Rhythms</i> , 2006, 21, 118-131.	2.6	32
10	Sericin Composition in the Silk of <i>Antheraea yamamai</i> . <i>Biomacromolecules</i> , 2016, 17, 1776-1787.	5.4	20
11	Telomerase activity is upregulated in the fat bodies of pre-diapause bumblebee queens (<i>Bombus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 17	2.7	17
12	The expansion of genes encoding soluble silk components in the greater wax moth, <i>Galleria mellonella</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019, 106, 28-38.	2.7	17
13	Light-dependent PER-like proteins in the cephalic ganglia of an apterygote and a pterygote insect species. <i>Histochemistry and Cell Biology</i> , 2005, 123, 407-418.	1.7	16
14	Casein Kinases I of the Silkworm, <i>Bombyx mori</i> : Their Possible Roles in Circadian Timing and Developmental Determination. <i>Journal of Biological Rhythms</i> , 2006, 21, 335-349.	2.6	16
15	Chrysovirus Inhabited Symbiotic Fungi of Lichens. <i>Viruses</i> , 2019, 11, 1120.	3.3	14
16	Mutation in <i>Bombyx mori</i> fibrohexamerin (P25) gene causes reorganization of rough endoplasmic reticulum in posterior silk gland cells and alters morphology of fibroin secretory globules in the silk gland lumen. <i>Insect Biochemistry and Molecular Biology</i> , 2021, 135, 103607.	2.7	11
17	Population co-divergence in common cuttlefish (<i>Sepia officinalis</i>) and its dicyemid parasite in the Mediterranean Sea. <i>Scientific Reports</i> , 2019, 9, 14300.	3.3	8
18	Functional analysis and localisation of a thyrotropin-releasing hormone-type neuropeptide (EFLa) in hemipteran insects. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 122, 103376.	2.7	8

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19	Expression analyses of casein kinase 2 ¹ and casein kinase 2 ² in the silkworm, <i>Bombyx mori</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 149, 38-46.	1.6	7
20	Complex insight on microanatomy of larval "human broad tapeworm" <i>Dibothriocephalus latus</i> (Cestoda: Diphylobothriidea). <i>Parasites and Vectors</i> , 2019, 12, 408.	2.5	7
21	Responses of sericotropin to toxic and pathogenic challenges: possible role in defense of the wax moth <i>Galleria mellonella</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 227, 108633.	2.6	7
22	Silk of the common clothes moth, <i>Tineola bisselliella</i> , a cosmopolitan pest belonging to the basal ditrysian moth line. <i>Insect Biochemistry and Molecular Biology</i> , 2021, 130, 103527.	2.7	7
23	Comparison of Silks from <i>Pseudoips prasinana</i> and <i>Bombyx mori</i> Shows Molecular Convergence in Fibroin Heavy Chains but Large Differences in Other Silk Components. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8246.	4.1	7
24	First Comprehensive Study of a Giant among the Insects, <i>Titanus giganteus</i> : Basic Facts from Its Biochemistry, Physiology, and Anatomy. <i>Insects</i> , 2020, 11, 120.	2.2	6
25	Functional histology of the skin in the subterranean African giant mole-rat: thermal windows are determined solely by pelage characteristics. <i>PeerJ</i> , 2020, 8, e8883.	2.0	5
26	A re-evaluation of silk measurement by the cecropia caterpillar (<i>Hyalophora cecropia</i>) during cocoon construction reveals use of a silk odometer that is temporally regulated. <i>PLoS ONE</i> , 2020, 15, e0228453.	2.5	4
27	The Role of Filippi's Glands in the Silk Moths Cocoon Construction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13523.	4.1	2
28	Functional Analysis of Adipokinetic Hormone Signaling in <i>Bombyx mori</i> . <i>Cells</i> , 2020, 9, 2667.	4.1	1
29	The Filippi's Glands of Giant Silk Moths: To Be or Not to Be?. <i>Insects</i> , 2021, 12, 1040.	2.2	1
30	Immunochemical detection of the crustacean cardioactive peptide in the cephalic ganglia of cockroaches (Blattodea: Blattidae). <i>European Journal of Entomology</i> , 2015, 112, 235-244.	1.2	0