

Joanna Kotwica-Rolinska

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,277
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1443
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA interference in Lepidoptera: An overview of successful and unsuccessful studies and implications for experimental design. <i>Journal of Insect Physiology</i> , 2011, 57, 231-245.	2.0	729
2	Circadian Regulation of Glutathione Levels and Biosynthesis in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2012, 7, e50454.	2.5	68
3	The role of circadian clock genes in the photoperiodic timer of the linden bug <i>Pyrrhocoris apterus</i> during the nymphal stage. <i>Physiological Entomology</i> , 2017, 42, 266-273.	1.5	64
4	Unexpected Geographic Variability of the Free Running Period in the Linden Bug <i>Pyrrhocoris apterus</i> . <i>Journal of Biological Rhythms</i> , 2016, 31, 568-576.	2.6	50
5	CRISPR/Cas9 Genome Editing Introduction and Optimization in the Non-model Insect <i>Pyrrhocoris apterus</i> . <i>Frontiers in Physiology</i> , 2019, 10, 891.	2.8	46
6	RNA Interference of the <i>Period</i> Gene Affects the Rhythm of Sperm Release in Moths. <i>Journal of Biological Rhythms</i> , 2009, 24, 25-34.	2.6	44
7	Relationships between the Circadian System and Alzheimer's Disease-Like Symptoms in <i>Drosophila</i> . <i>PLoS ONE</i> , 2014, 9, e106068.	2.5	34
8	Loss of Timeless Underlies an Evolutionary Transition within the Circadian Clock. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	31
9	Manipulations of amyloid precursor protein cleavage disrupt the circadian clock in aging <i>Drosophila</i> . <i>Neurobiology of Disease</i> , 2015, 77, 117-126.	4.4	24
10	Yolk protein is expressed in the insect testis and interacts with sperm. <i>BMC Developmental Biology</i> , 2008, 8, 64.	2.1	22
11	Clock-controlled rhythm of ecdysteroid levels in the haemolymph and testes, and its relation to sperm release in the Egyptian cotton leafworm, <i>Spodoptera littoralis</i> . <i>Journal of Insect Physiology</i> , 2009, 55, 426-434.	2.0	21
12	Effects of period RNAi on V-ATPase expression and rhythmic pH changes in the vas deferens of <i>Spodoptera littoralis</i> (Lepidoptera: Noctuidae). <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 522-532.	2.7	19
13	Yolk proteins in the male reproductive system of the fruit fly <i>Drosophila melanogaster</i> : Spatial and temporal patterns of expression. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 47, 23-35.	2.7	17
14	Aging alters circadian regulation of redox in <i>Drosophila</i> . <i>Frontiers in Genetics</i> , 2015, 6, 83.	2.3	16
15	Temporal Expression of the Clock Genes in the Water Flea <i>Daphnia pulex</i> (Crustacea: Tj ETQq1 1 0.784314 ₁₂ / Overlock 10 ₁₆		
16	Circadian regulation of caterpillar feeding and growth. <i>Journal of Insect Physiology</i> , 2017, 101, 113-122.	2.0	16
17	Developmental profiles of PERIOD and DOUBLETIME in <i>Drosophila melanogaster</i> ovary. <i>Journal of Insect Physiology</i> , 2009, 55, 419-425.	2.0	14
18	Pigment Dispersing Factor Is a Circadian Clock Output and Regulates Photoperiodic Response in the Linden Bug, <i>Pyrrhocoris apterus</i> . <i>Frontiers in Physiology</i> , 2022, 13, 884909.	2.8	14

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19	Diurnal rhythm in expression and release of yolk protein in the testis of <i>Spodoptera littoralis</i> (Lepidoptera: Noctuidae). <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 264-272.	2.7	12
20	Light and Temperature Synchronizes Locomotor Activity in the Linden Bug, <i>Pyrrhocoris apterus</i> . <i>Frontiers in Physiology</i> , 2020, 11, 242.	2.8	12
21	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