

Anna Kolliopoulou

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

448
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	Viral Delivery of dsRNA for Control of Insect Agricultural Pests and Vectors of Human Disease: Prospects and Challenges. <i>Frontiers in Physiology</i> , 2017, 8, 399.	2.8	75
2	Transcriptome Analysis of <i>Bombyx mori</i> Larval Midgut during Persistent and Pathogenic Cytoplasmic Polyhedrosis Virus Infection. <i>PLoS ONE</i> , 2015, 10, e0121447.	2.5	63
3	Viral Small-RNA Analysis of <i>Bombyx mori</i> Larval Midgut during Persistent and Pathogenic Cytoplasmic Polyhedrosis Virus Infection. <i>Journal of Virology</i> , 2015, 89, 11473-11486.	3.4	47
4	Recent progress in RNAi research in Lepidoptera: intracellular machinery, antiviral immune response and prospects for insect pest control. <i>Current Opinion in Insect Science</i> , 2014, 6, 28-34.	4.4	44
5	Functional analysis of the RNAi response in ovary-derived silkworm Bm5 cells. <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 654-663.	2.7	40
6	PIWI pathway against viruses in insects. <i>Wiley Interdisciplinary Reviews RNA</i> , 2019, 10, e1555.	6.4	37
7	Insights into RNAi-based antiviral immunity in Lepidoptera: acute and persistent infections in <i>Bombyx mori</i> and <i>Trichoplusia ni</i> cell lines. <i>Scientific Reports</i> , 2018, 8, 2423.	3.3	26
8	Arboviruses and the Challenge to Establish Systemic and Persistent Infections in Competent Mosquito Vectors: The Interaction With the RNAi Mechanism. <i>Frontiers in Physiology</i> , 2019, 10, 890.	2.8	20
9	The piRNA response to BmNPV infection in the silkworm fat body and midgut. <i>Insect Science</i> , 2021, 28, 662-679.	3.0	20
10	Nodulation enhances dark CO ₂ fixation and recycling in the model legume <i>Lotus japonicus</i> . <i>Journal of Experimental Botany</i> , 2011, 62, 2959-2971.	4.8	19
11	The Use of Engineered Plant Viruses in a Trans-Kingdom Silencing Strategy Against Their Insect Vectors. <i>Frontiers in Plant Science</i> , 2020, 11, 917.	3.6	14
12	Transfection of BmCPV genomic dsRNA in silkworm-derived Bm5 cells: Stability and interactions with the core RNAi machinery. <i>Journal of Insect Physiology</i> , 2014, 64, 21-29.	2.0	11
13	Modulation of the transcriptional response of innate immune and RNAi genes upon exposure to dsRNA and LPS in silkworm-derived Bm5 cells overexpressing BmToll9-1 receptor. <i>Journal of Insect Physiology</i> , 2014, 66, 10-19.	2.0	11
14	Transcriptional response of immune-related genes after endogenous expression of VP1 and exogenous exposure to VP1-based VLPs and CPV virions in lepidopteran cell lines. <i>Molecular Genetics and Genomics</i> , 2019, 294, 887-899.	2.1	9
15	PIWI Proteins Play an Antiviral Role in Lepidopteran Cell Lines. <i>Viruses</i> , 2022, 14, 1442.	3.3	7
16	Mechanisms of Cell Entry by dsRNA Viruses: Insights for Efficient Delivery of dsRNA and Tools for Improved RNAi-Based Pest Control. <i>Frontiers in Physiology</i> , 2021, 12, 749387.	2.8	5