

Judith H Willis

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,053
citations

516215

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642321

23
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all docs

24
docs citations

24
times ranked

2637
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. <i>Science</i> , 2015, 347, 1258-1262.	6.0	492
2	Structural cuticular proteins from arthropods: Annotation, nomenclature, and sequence characteristics in the genomics era. <i>Insect Biochemistry and Molecular Biology</i> , 2010, 40, 189-204.	1.2	242
3	A conserved domain in arthropod cuticular proteins binds chitin. We dedicate this paper to Svend O. Andersen in appreciation of the enormous impact his data, analyses, and insights have had on students of arthropod cuticular proteins. <i>Insect Biochemistry and Molecular Biology</i> , 2001, 31, 1083-1093.	1.2	237
4	The First Myriapod Genome Sequence Reveals Conservative Arthropod Gene Content and Genome Organisation in the Centipede <i>Strigamia maritima</i> . <i>PLoS Biology</i> , 2014, 12, e1002005.	2.6	221
5	Developmental expression patterns of cuticular protein genes with the R&R Consensus from <i>Anopheles gambiae</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 508-519.	1.2	101
6	CutProtFam-Pred: Detection and classification of putative structural cuticular proteins from sequence alone, based on profile Hidden Markov Models. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 52, 51-59.	1.2	98
7	Unique features of the structural model of α -chitin cuticle proteins: implications for chitin-protein interactions and cross-linking in cuticle. <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 553-560.	1.2	85
8	CPF and CPFL, two related gene families encoding cuticular proteins of <i>Anopheles gambiae</i> and other insects. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 675-688.	1.2	84
9	Proteomic analysis of cast cuticles from <i>Anopheles gambiae</i> by tandem mass spectrometry. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 135-146.	1.2	81
10	The cuticular proteins of <i>Tenebrio molitor</i> . <i>Developmental Biology</i> , 1980, 75, 59-69.	0.9	72
11	Temporal and spatial expression of cuticular proteins of <i>Anopheles gambiae</i> implicated in insecticide resistance or differentiation of M/S incipient species. <i>Parasites and Vectors</i> , 2014, 7, 24.	1.0	65
12	Localization of RR-1 and RR-2 cuticular proteins within the cuticle of <i>Anopheles gambiae</i> . <i>Arthropod Structure and Development</i> , 2017, 46, 13-29.	0.8	48
13	Cuticular Proteins. , 2012, , 134-166.		33
14	Distribution of cuticular proteins in different structures of adult <i>Anopheles gambiae</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016, 75, 45-57.	1.2	31
15	Extensive gene amplification and concerted evolution within the CPR family of cuticular proteins in mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 661-676.	1.2	30
16	Changes in transcript abundance for cuticular proteins and other genes three hours after a blood meal in <i>Anopheles gambiae</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2014, 44, 33-43.	1.2	28
17	The CPCFC cuticular protein family: Anatomical and cuticular locations in <i>Anopheles gambiae</i> and distribution throughout Pancrustacea. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 65, 57-67.	1.2	28
18	Proteomics reveals localization of cuticular proteins in <i>Anopheles gambiae</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019, 104, 91-105.	1.2	15

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19	Proteins of Crustacean exoskeleton: IV. Partial amino acid sequences of exoskeletal proteins from the Bermuda land crab, <i>Gecarcinus lateralis</i> , and comparisons to certain insect proteins. <i>The Journal of Experimental Zoology</i> , 1995, 273, 389-400.	1.4	14
20	Properties of the cuticular proteins of <i>Anopheles gambiae</i> as revealed by serial extraction of adults. <i>PLoS ONE</i> , 2017, 12, e0175423.	1.1	13
21	Immunolocalization of cuticular proteins in Johnston's organ and the corneal lens of <i>Anopheles gambiae</i> . <i>Arthropod Structure and Development</i> , 2016, 45, 519-535.	0.8	10
22	The Evolution and Metamorphosis of Arthropod Proteomics and Genomics. <i>Annual Review of Entomology</i> , 2018, 63, 1-13.	5.7	10
23	Lepidopteran wing scales contain abundant cross-linked film-forming histidine-rich cuticular proteins. <i>Communications Biology</i> , 2021, 4, 491.	2.0	8
24	Metamorphosis starts with Met. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10297-10298.	3.3	7