

Geoffrey Attardo

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

3,409
citations

182225

30
h-index

175968

55
g-index

76
all docs

76
docs citations

76
times ranked

3466
citing authors

#	ARTICLE	IF	CITATIONS
1	Promoting the integrated community case management of pneumonia in children under 5 years in Nigeria through the proprietary and patent medicine vendors: a cost-effectiveness analysis. <i>Cost Effectiveness and Resource Allocation</i> , 2021, 19, 12.	0.6	2
2	The genome of the stable fly, <i>Stomoxys calcitrans</i> , reveals potential mechanisms underlying reproduction, host interactions, and novel targets for pest control. <i>BMC Biology</i> , 2021, 19, 41.	1.7	19
3	Frequency of sodium channel genotypes and association with pyrethrum knockdown time in populations of Californian <i>Aedes aegypti</i> . <i>Parasites and Vectors</i> , 2021, 14, 141.	1.0	12
4	Fat and Happy: Profiling Mosquito Fat Body Lipid Storage and Composition Post-blood Meal. <i>Frontiers in Insect Science</i> , 2021, 1, .	0.9	9
5	Evidence of Local Extinction and Reintroduction of <i>Aedes aegypti</i> in Exeter, California. <i>Frontiers in Tropical Diseases</i> , 2021, 2, .	0.5	7
6	Infection with endosymbiotic <i>Spiroplasma</i> disrupts tsetse (<i>Glossina fuscipes fuscipes</i>) metabolic and reproductive homeostasis. <i>PLoS Pathogens</i> , 2021, 17, e1009539.	2.1	9
7	Viviparity and habitat restrictions may influence the evolution of male reproductive genes in tsetse fly (<i>Glossina</i>) species. <i>BMC Biology</i> , 2021, 19, 211.	1.7	5
8	Zika Virus Infection Results in Biochemical Changes Associated With RNA Editing, Inflammatory and Antiviral Responses in <i>Aedes albopictus</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 559035.	1.5	6
9	Interpreting Morphological Adaptations Associated with Viviparity in the Tsetse Fly <i>Glossina morsitans</i> (Westwood) by Three-Dimensional Analysis. <i>Insects</i> , 2020, 11, 651.	1.0	6
10	Bacterial Symbionts of Tsetse Flies: Relationships and Functional Interactions Between Tsetse Flies and Their Symbionts. <i>Results and Problems in Cell Differentiation</i> , 2020, 69, 497-536.	0.2	9
11	Impacts of Dietary Nutritional Composition on Larval Development and Adult Body Composition in the Yellow Fever Mosquito (<i>Aedes aegypti</i>). <i>Insects</i> , 2020, 11, 535.	1.0	18
12	Multi-level analysis of reproduction in an Antarctic midge identifies female and male accessory gland products that are altered by larval stress and impact progeny viability. <i>Scientific Reports</i> , 2020, 10, 19791.	1.6	18
13	Tsetse flies (<i>Glossinidae</i>). , 2020, , .		0
14	Comparative genomic analysis of six <i>Glossina</i> genomes, vectors of African trypanosomes. <i>Genome Biology</i> , 2019, 20, 187.	3.8	71
15	Putting invertebrate lactation in context. <i>Science</i> , 2019, 363, 593-593.	6.0	6
16	Symbiotic microbes affect the expression of male reproductive genes in <i>Glossina m. morsitans</i> . <i>BMC Microbiology</i> , 2018, 18, 169.	1.3	9
17	Toward Implementation of Mosquito Sterile Insect Technique: The Effect of Storage Conditions on Survival of Male <i>Aedes aegypti</i> Mosquitoes (Diptera: Culicidae) During Transport. <i>Journal of Insect Science</i> , 2018, 18, .	0.6	25
18	A fine-tuned vector-parasite dialogue in tsetse's cardia determines peritrophic matrix integrity and trypanosome transmission success. <i>PLoS Pathogens</i> , 2018, 14, e1006972.	2.1	23

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19	Rapid autophagic regression of the milk gland during involution is critical for maximizing tsetse viviparous reproductive output. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006204.	1.3	8
20	Fat Body Organ Culture System in <i>Aedes Aegypti</i> , a Vector of Zika Virus. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	12
21	Unravelling the relationship between the tsetse fly and its obligate symbiont <i>Wigglesworthia</i> : transcriptomic and metabolomic landscapes reveal highly integrated physiological networks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170360.	1.2	53
22	Editorial overview: Vectors and medical and veterinary entomology: Becoming vectors or victims, the intriguing interplay between insects and viruses. <i>Current Opinion in Insect Science</i> , 2017, 22, v-vii.	2.2	0
23	Molecular characterization of tsetse's proboscis and its response to <i>Trypanosoma congolense</i> infection. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006057.	1.3	8
24	The Spermatophore in <i>Glossina morsitans morsitans</i> : Insights into Male Contributions to Reproduction. <i>Scientific Reports</i> , 2016, 6, 20334.	1.6	40
25	Grandeur Alliances: Symbiont Metabolic Integration and Obligate Arthropod Hematophagy. <i>Trends in Parasitology</i> , 2016, 32, 739-749.	1.5	95
26	Unique features of a global human ectoparasite identified through sequencing of the bed bug genome. <i>Nature Communications</i> , 2016, 7, 10165.	5.8	184
27	Obligate symbiont-generated vitamin B6 is critical to maintain proline homeostasis and fecundity in the tsetse fly (<i>Glossina morsitans</i>). , 2016, , .		0
28	TSS seq based core promoter architecture in blood feeding Tsetse fly (<i>Glossina morsitans morsitans</i>) vector of Trypanosomiasis. <i>BMC Genomics</i> , 2015, 16, 722.	1.2	6
29	Adenotrophic Viviparity in Tsetse Flies: Potential for Population Control and as an Insect Model for Lactation. <i>Annual Review of Entomology</i> , 2015, 60, 351-371.	5.7	95
30	A comparative analysis of reproductive biology of insect vectors of human disease. <i>Current Opinion in Insect Science</i> , 2015, 10, 142-148.	2.2	19
31	Amelioration of Reproduction-Associated Oxidative Stress in a Viviparous Insect Is Critical to Prevent Reproductive Senescence. <i>PLoS ONE</i> , 2014, 9, e87554.	1.1	22
32	Vitamin B ₆ Generated by Obligate Symbionts Is Critical for Maintaining Proline Homeostasis and Fecundity in Tsetse Flies. <i>Applied and Environmental Microbiology</i> , 2014, 80, 5844-5853.	1.4	108
33	Four-way regulation of mosquito yolk protein precursor genes by juvenile hormone-, ecdysone-, nutrient-, and insulin-like peptide signaling pathways. <i>Frontiers in Physiology</i> , 2014, 5, 103.	1.3	136
34	Aquaporins Are Critical for Provision of Water during Lactation and Intrauterine Progeny Hydration to Maintain Tsetse Fly Reproductive Success. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2517.	1.3	53
35	The Homeodomain Protein Ladybird Late Regulates Synthesis of Milk Proteins during Pregnancy in the Tsetse Fly (<i>Glossina morsitans</i>). <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2645.	1.3	27
36	Human African Trypanosomiasis Research Gets a Boost: Unraveling the Tsetse Genome. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2624.	1.3	9

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37	A Novel Highly Divergent Protein Family Identified from a Viviparous Insect by RNA-seq Analysis: A Potential Target for Tsetse Fly-Specific Abortifacients. <i>PLoS Genetics</i> , 2014, 10, e1003874.	1.5	46
38	Trypanosome transmission dynamics in tsetse. <i>Current Opinion in Insect Science</i> , 2014, 3, 43-49.	2.2	27
39	Genome Sequence of the Tsetse Fly (<i>Glossina morsitans</i>): Vector of African Trypanosomiasis. <i>Science</i> , 2014, 344, 380-386.	6.0	254
40	Emerging roles of aquaporins in relation to the physiology of blood-feeding arthropods. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014, 184, 811-825.	0.7	44
41	Juvenile hormone and insulin suppress lipolysis between periods of lactation during tsetse fly pregnancy. <i>Molecular and Cellular Endocrinology</i> , 2013, 372, 30-41.	1.6	43
42	Mechanisms that contribute to the establishment and persistence of bed bug infestations. <i>Terrestrial Arthropod Reviews</i> , 2013, 6, 227-246.	0.8	3
43	Sphingomyelinase Activity in Mother's Milk Is Essential for Juvenile Development: A Case from Lactating Tsetse Flies. <i>Biology of Reproduction</i> , 2012, 87, 17, 1-10.	1.2	27
44	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
45	Polyandry Is a Common Event in Wild Populations of the Tsetse Fly <i>Glossina fuscipes fuscipes</i> and May Impact Population Reduction Measures. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1190.	1.3	23
46	Lipophorin acts as a shuttle of lipids to the milk gland during tsetse fly pregnancy. <i>Journal of Insect Physiology</i> , 2011, 57, 1553-1561.	0.9	23
47	AaCAT1 of the Yellow Fever Mosquito, <i>Aedes aegypti</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 10803-10813.	1.6	33
48	Transcriptome analysis of reproductive tissue and intrauterine developmental stages of the tsetse fly (<i>Glossina morsitans morsitans</i>). <i>BMC Genomics</i> , 2010, 11, 160.	1.2	23
49	An insight into the sialome of <i>Glossina morsitans morsitans</i> . <i>BMC Genomics</i> , 2010, 11, 213.	1.2	76
50	Molecular characterization of two novel milk proteins in the tsetse fly (<i>Glossina morsitans</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	1.0	26
51	Insect-protozoa-bacteria associations: a model system for investigating host-parasite interactions.. , 2009, , 223-240.		0
52	Analysis of milk gland structure and function in <i>Glossina morsitans</i> : Milk protein production, symbiont populations and fecundity. <i>Journal of Insect Physiology</i> , 2008, 54, 1236-1242.	0.9	138
53	Paratransgenesis Applied for Control of Tsetse Transmitted Sleeping Sickness. <i>Advances in Experimental Medicine and Biology</i> , 2008, 627, 35-48.	0.8	90
54	Infections with Immunogenic Trypanosomes Reduce Tsetse Reproductive Fitness: Potential Impact of Different Parasite Strains on Vector Population Structure. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e192.	1.3	43

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55	Novel strategies targeting pathogen transmission reduction in insect vectors: Tsetse-transmitted trypanosomiasis control. <i>Entomological Research</i> , 2007, 37, 231-237.	0.6	2
56	Molecular aspects of transferrin expression in the tsetse fly (<i>Glossina morsitans morsitans</i>). <i>Journal of Insect Physiology</i> , 2007, 53, 715-723.	0.9	49
57	Molecular characterization of iron binding proteins from <i>Glossina morsitans morsitans</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 35	1.2	35
58	Analysis of fat body transcriptome from the adult tsetse fly, <i>Glossina morsitans morsitans</i> . <i>Insect Molecular Biology</i> , 2006, 15, 411-424.	1.0	58
59	Molecular aspects of viviparous reproductive biology of the tsetse fly (<i>Glossina morsitans</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 35 1128-1136.	0.9	39
60	Identification of two cationic amino acid transporters required for nutritional signaling during mosquito reproduction. <i>Journal of Experimental Biology</i> , 2006, 209, 3071-3078.	0.8	81
61	GATA Factor Translation Is the Final Downstream Step in the Amino Acid/Target-of-Rapamycin-mediated Vitellogenin Gene Expression in the Anautogenous Mosquito <i>Aedes aegypti</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 11167-11176.	1.6	97
62	Target of Rapamycin-dependent Activation of S6 Kinase Is a Central Step in the Transduction of Nutritional Signals during Egg Development in a Mosquito. <i>Journal of Biological Chemistry</i> , 2005, 280, 20565-20572.	1.6	146
63	Nutritional regulation of vitellogenesis in mosquitoes: Implications for anautogeny. <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 661-675.	1.2	271
64	Target of rapamycin-mediated amino acid signaling in mosquito anautogeny. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10626-10631.	3.3	222
65	RNA interference-mediated knockdown of a GATA factor reveals a link to anautogeny in the mosquito <i>Aedes aegypti</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13374-13379.	3.3	72
66	Molecular biology of mosquito vitellogenesis: from basic studies to genetic engineering of antipathogen immunity. <i>Insect Biochemistry and Molecular Biology</i> , 2002, 32, 1275-1286.	1.2	199