

AurÃ©lien Vigneron

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,446
citations

489802

18
h-index

620720

26
g-index

36
all docs

36
docs citations

36
times ranked

1792
citing authors

#	ARTICLE	IF	CITATIONS
1	Paratransgenic manipulation of a tsetse microRNA alters the physiological homeostasis of the fly's midgut environment. <i>PLoS Pathogens</i> , 2021, 17, e1009475.	2.1	8
2	The transposable element-rich genome of the cereal pest <i>Sitophilus oryzae</i> . <i>BMC Biology</i> , 2021, 19, 241.	1.7	40
3	Zika virus and temperature modulate <i>Elizabethkingia anophelis</i> in <i>Aedes albopictus</i> . <i>Parasites and Vectors</i> , 2021, 14, 573.	1.0	18
4	Blind killing of both male and female <i>Drosophila</i> embryos by a natural variant of the endosymbiotic bacterium <i>Spiroplasma poulsonii</i> . <i>Cellular Microbiology</i> , 2020, 22, e13156.	1.1	10
5	Increased temperatures reduce the vectorial capacity of <i>Aedes</i> mosquitoes for Zika virus. <i>Emerging Microbes and Infections</i> , 2020, 9, 67-77.	3.0	37
6	Single-cell RNA sequencing of <i>Trypanosoma brucei</i> from tsetse salivary glands unveils metacyclogenesis and identifies potential transmission blocking antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2613-2621.	3.3	47
7	Mutualist-Provisioned Resources Impact Vector Competency. <i>MBio</i> , 2019, 10, .	1.8	20
8	Comparative genomic analysis of six <i>Glossina</i> genomes, vectors of African trypanosomes. <i>Genome Biology</i> , 2019, 20, 187.	3.8	71
9	Spatio-temporal distribution of <i>Spiroplasma</i> infections in the tsetse fly (<i>Glossina fuscipes fuscipes</i>) in northern Uganda. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007340.	1.3	22
10	Colonization of the tsetse fly midgut with commensal <i>Kosakonia cowanii</i> <i>Zambiae</i> inhibits trypanosome infection establishment. <i>PLoS Pathogens</i> , 2019, 15, e1007470.	2.1	29
11	Immune Defenses of a Beneficial Pest: The Mealworm Beetle, <i>Tenebrio molitor</i> . <i>Frontiers in Physiology</i> , 2019, 10, 138.	1.3	71
12	Weevil <i>pgrp-lb</i> prevents endosymbiont TCT dissemination and chronic host systemic immune activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5623-5632.	3.3	56
13	Uncovering Genomic Regions Associated with <i>Trypanosoma</i> Infections in Wild Populations of the Tsetse Fly <i>Glossina fuscipes</i> . <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 887-897.	0.8	8
14	What can a weevil teach a fly, and reciprocally? Interaction of host immune systems with endosymbionts in <i>Glossina</i> and <i>Sitophilus</i> . <i>BMC Microbiology</i> , 2018, 18, 150.	1.3	39
15	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
16	Expression profiling of <i>Trypanosoma congolense</i> genes during development in the tsetse fly vector <i>Glossina morsitans morsitans</i> . <i>Parasites and Vectors</i> , 2018, 11, 380.	1.0	15
17	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
18	Role of the Microbiota During Development of the Arthropod Vector Immune System. , 2017, , 161-172.		0

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19	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
20	Symbiont-induced odorant binding proteins mediate insect host hematopoiesis. <i>ELife</i> , 2017, 6, .	2.8	125
21	Transcriptome Profiling of <i>Trypanosoma brucei</i> Development in the Tsetse Fly Vector <i>Glossina morsitans</i> . <i>PLoS ONE</i> , 2016, 11, e0168877.	1.1	56
22	Mammalian African trypanosome VSG coat enhances tsetse's vector competence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6961-6966.	3.3	54
23	Weevil endosymbiont dynamics is associated with a clamping of immunity. <i>BMC Genomics</i> , 2015, 16, 819.	1.2	30
24	Systemic Infection Generates a Local-Like Immune Response of the Bacteriome Organ in Insect Symbiosis. <i>Journal of Innate Immunity</i> , 2015, 7, 290-301.	1.8	37
25	Insects Recycle Endosymbionts when the Benefit Is Over. <i>Current Biology</i> , 2014, 24, 2267-2273.	1.8	182
26	Host gene response to endosymbiont and pathogen in the cereal weevil <i>Sitophilus oryzae</i> . <i>BMC Microbiology</i> , 2012, 12, S14.	1.3	42
27	The French touch in entomological biology: synthesis of the 16th Colloque Biologie de l'Insecte. <i>Annales De La Societe Entomologique De France</i> , 2011, 47, 524-527.	0.4	0
28	Antimicrobial Peptides Keep Insect Endosymbionts Under Control. <i>Science</i> , 2011, 334, 362-365.	6.0	343