

Matthew DeGennaro

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,516
citations

516710

16
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

3448
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanism of cAMP modulation of HCN pacemaker channels. <i>Nature</i> , 2001, 411, 805-810.	27.8	456
2	orco mutant mosquitoes lose strong preference for humans and are not repelled by volatile DEET. <i>Nature</i> , 2013, 498, 487-491.	27.8	388
3	Lifespan Extension by Preserving Proliferative Homeostasis in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2010, 6, e1001159.	3.5	303
4	Protein Kinase C ζ Inhibits Insulin Signaling by Phosphorylating IRS1 at Ser1101. <i>Journal of Biological Chemistry</i> , 2004, 279, 45304-45307.	3.4	274
5	Redox regulation of cell migration and adhesion. <i>Trends in Cell Biology</i> , 2012, 22, 107-115.	7.9	204
6	The neurotranscriptome of the <i>Aedes aegypti</i> mosquito. <i>BMC Genomics</i> , 2016, 17, 32.	2.8	188
7	<i>Aedes aegypti</i> Mosquitoes Detect Acidic Volatiles Found in Human Odor Using the IR8a Pathway. <i>Current Biology</i> , 2019, 29, 1253-1262.e7.	3.9	135
8	Temporal and Spatial Control of Germ-Plasm RNAs. <i>Current Biology</i> , 2009, 19, 72-77.	3.9	98
9	Not Just from Blood: Mosquito Nutrient Acquisition from Nectar Sources. <i>Trends in Parasitology</i> , 2020, 36, 473-484.	3.3	91
10	The mysterious multi-modal repellency of DEET. <i>Fly</i> , 2015, 9, 45-51.	1.7	73
11	Genetic analysis of mosquito detection of humans. <i>Current Opinion in Insect Science</i> , 2017, 20, 34-38.	4.4	69
12	Geosmin Attracts <i>Aedes aegypti</i> Mosquitoes to Oviposition Sites. <i>Current Biology</i> , 2020, 30, 127-134.e5.	3.9	65
13	Peroxiredoxin Stabilization of DE-Cadherin Promotes Primordial Germ Cell Adhesion. <i>Developmental Cell</i> , 2011, 20, 233-243.	7.0	46
14	Increased temperatures reduce the vectorial capacity of <i>Aedes</i> mosquitoes for Zika virus. <i>Emerging Microbes and Infections</i> , 2020, 9, 67-77.	6.5	37
15	Epoxidation of juvenile hormone was a key innovation improving insect reproductive fitness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
16	Transient transcriptional silencing alters the cell cycle to promote germline stem cell differentiation in <i>Drosophila</i> . <i>Developmental Biology</i> , 2018, 434, 84-95.	2.0	18
17	Regulating Gene Expression in the <i>Drosophila</i> Germ Line. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2008, 73, 1-8.	1.1	16
18	Skin bacterial volatiles: propelling the future of vector control. <i>Trends in Parasitology</i> , 2022, 38, 15-22.	3.3	14

#	ARTICLE	IF	CITATIONS
19	Genetic Modifier Screens to Identify Components of a Redox-Regulated Cell Adhesion and Migration Pathway. <i>Methods in Enzymology</i> , 2013, 528, 197-215.	1.0	4
20	<i>Aedes aegypti</i> <i>Ir8a</i> mutant female mosquitoes show increased attraction to standing water. <i>Communicative and Integrative Biology</i> , 2019, 12, 181-186.	1.4	4
21	Portable locomotion activity monitor (pLAM): A cost-effective setup for robust activity tracking in small animals. <i>Methods in Ecology and Evolution</i> , 2022, 13, 805-812.	5.2	3
22	<i>Aedes Aegypti</i> Mosquitoes Detect Acidic Volatiles in Human Odor Using the <i>IR8a</i> Pathway. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
23	Multimodal mechanisms of repellency in arthropods. , 2022, , 113-130.		2