Immo Alex Hansen

List of Publications by Year
in descending order

36	1,782	361413 20	361022 35
papers	citations	h-index	g-index

39	39	39	2478
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly evolvable malaria vectors: The genomes of 16 Anopheles mosquitoes. Science, 2015, 347, 1258522.	12.6	492
2	Nutritional regulation of vitellogenesis in mosquitoes: Implications for anautogeny. Insect Biochemistry and Molecular Biology, 2005, 35, 661-675.	2.7	271
3	Four-way regulation of mosquito yolk protein precursor genes by juvenile hormone-, ecdysone-, nutrient-, and insulin-like peptide signaling pathways. Frontiers in Physiology, 2014, 5, 103.	2.8	136
4	The Aquaporin Gene Family of the Yellow Fever Mosquito, Aedes aegypti. PLoS ONE, 2010, 5, e15578.	2.5	85
5	The Fat Body Transcriptomes of the Yellow Fever Mosquito Aedes aegypti, Pre- and Post- Blood Meal. PLoS ONE, 2011, 6, e22573.	2.5	77
6	Small mosquitoes, large implications: crowding and starvation affects gene expression and nutrient accumulation in Aedes aegypti. Parasites and Vectors, 2015, 8, 252.	2.5	62
7	Aquaporins Are Critical for Provision of Water during Lactation and Intrauterine Progeny Hydration to Maintain Tsetse Fly Reproductive Success. PLoS Neglected Tropical Diseases, 2014, 8, e2517.	3.0	53
8	Functional characterization of aquaporins and aquaglyceroporins of the yellow fever mosquito, Aedes aegypti. Scientific Reports, 2015, 5, 7795.	3.3	52
9	The Efficacy of Some Commercially Available Insect Repellents forAedes aegypti(Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	50
10	Artificial Diets for Mosquitoes. International Journal of Environmental Research and Public Health, 2016, 13, 1267.	2.6	45
11	Widespread insecticide resistance in Aedes aegypti L. from New Mexico, U.S.A.. PLoS ONE, 2019, 14, e0212693.	2.5	39
12	SLC7 amino acid transporters of the yellow fever mosquito Aedes aegypti and their role in fat body TOR signaling and reproduction. Journal of Insect Physiology, 2012, 58, 513-522.	2.0	36
13	Efficacy of Some Wearable Devices Compared with Spray-On Insect Repellents for the Yellow Fever Mosquito, Aedes aegypti (L.) (Diptera: Culicidae). Journal of Insect Science, 2017, 17, .	1.5	35
14	AaCAT1 of the Yellow Fever Mosquito, Aedes aegypti. Journal of Biological Chemistry, 2011, 286, 10803-10813.	3.4	33
15	Dengue virus serotype 2 infection alters midgut and carcass gene expression in the Asian tiger mosquito, Aedes albopictus. PLoS ONE, 2017, 12, e0171345.	2.5	32
16	Blood serum and BSA, but neither red blood cells nor hemoglobin can support vitellogenesis and egg production in the dengue vectorAedes aegypti. PeerJ, 2015, 3, e938.	2.0	31
17	The Effect of SkitoSnack, an Artificial Blood Meal Replacement, on Aedes aegypti Life History Traits and Gut Microbiota. Scientific Reports, 2018, 8, 11023.	3.3	28
18	Toward Implementation of Mosquito Sterile Insect Technique: The Effect of Storage Conditions on Survival of MaleAedes aegyptiMosquitoes (Diptera: Culicidae) During Transport. Journal of Insect Science, 2018, 18, .	1.5	25

#	Article	IF	Citations
19	Colonized Sabethes cyaneus, a Sylvatic New World Mosquito Species, Shows a Low Vector Competence for Zika Virus Relative to Aedes aegypti. Viruses, 2018, 10, 434.	3.3	23
20	Substrate specificity and transport mechanism of amino-acid transceptor Slimfast from Aedes aegypti. Nature Communications, 2015, 6, 8546.	12.8	22
21	The Odorant Receptor Co-Receptor from the Bed Bug, Cimex lectularius L. PLoS ONE, 2014, 9, e113692.	2.5	20
22	Simple and Versatile Detection of Viruses Using Anodized Alumina Membranes. ACS Sensors, 2016, 1, 488-492.	7.8	20
23	The effect of the radio-protective agents ethanol, trimethylglycine, and beer on survival of X-ray-sterilized male Aedes aegypti. Parasites and Vectors, 2013, 6, 211.	2.5	16
24	Label-Free Plasmonic Immunosensing for Plasmodium in a Whole Blood Lysate. IEEE Sensors Journal, 2014, 14, 1399-1404.	4.7	16
25	Fat Body Organ Culture System in Aedes Aegypti, a Vector of Zika Virus. Journal of Visualized Experiments, 2017, , .	0.3	12
26	Short-Range Responses of the Kissing Bug Triatoma rubida (Hemiptera: Reduviidae) to Carbon Dioxide, Moisture, and Artificial Light. Insects, 2017, 8, 90.	2.2	12
27	An online survey of personal mosquito-repellent strategies. PeerJ, 2018, 6, e5151.	2.0	10
28	Olfaction-Related Gene Expression in the Antennae of Female Mosquitoes From Common Aedes aegypti Laboratory Strains. Frontiers in Physiology, 2021, 12, 668236.	2.8	10
29	Long-Term Mosquito culture with SkitoSnack, an artificial blood meal replacement. PLoS Neglected Tropical Diseases, 2020, 14, e0008591.	3.0	9
30	Efficacy of Active Ingredients From the EPA 25(B) List in Reducing Attraction of Aedes aegypti (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10	1.8	8
31	The development of new radiation protocols for insect sterilization using long wavelength x-rays. AIP Conference Proceedings, 2015, , .	0.4	6
32	Label-free plasmonic immunosensing for plasmodium in whole blood. , 2013, , .		5
33	Low Levels of Pyrethroid Resistance in Hybrid Offspring of a Highly Resistant and a More Susceptible Mosquito Strain. Journal of Insect Science, 2020, 20, .	1.5	4
34	Aquaporin expression in the alimentary canal of the honey bee Apis mellifera L. (Hymenoptera: Apidae) and functional characterization of Am_Eglp 1. PLoS ONE, 2020, 15, e0236724.	2.5	3
35	A novel Tick Carousel Assay for testing efficacy of repellents on Amblyomma americanum L.. PeerJ, 2021, 9, e11138.	2.0	3
36	Exploratory phosphoproteomics profiling of Aedes aegypti Malpighian tubules during blood meal processing reveals dramatic transition in function. PLoS ONE, 2022, 17, e0271248.	2.5	0