

Immo A Hansen

List of Publications by Year in descending order

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citations

186265

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#	ARTICLE	IF	CITATIONS
1	Exploratory phosphoproteomics profiling of <i>Aedes aegypti</i> Malpighian tubules during blood meal processing reveals dramatic transition in function. <i>PLoS ONE</i> , 2022, 17, e0271248.	2.5	0
2	A novel Tick Carousel Assay for testing efficacy of repellents on <i>Amblyomma americanum</i> L.. PeerJ, 2021, 9, e11138.	2.0	3
3	Fat and Happy: Profiling Mosquito Fat Body Lipid Storage and Composition Post-blood Meal. <i>Frontiers in Insect Science</i> , 2021, 1, .	2.1	9
4	Efficacy of Active Ingredients From the EPA 25(B) List in Reducing Attraction of <i>Aedes aegypti</i> (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10	1.8	8
5	Long-Term Mosquito culture with SkitoSnack, an artificial blood meal replacement. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008591.	3.0	9
6	Low Levels of Pyrethroid Resistance in Hybrid Offspring of a Highly Resistant and a More Susceptible Mosquito Strain. <i>Journal of Insect Science</i> , 2020, 20, .	1.5	4
7	Widespread insecticide resistance in <i>Aedes aegypti</i> L. from New Mexico, U.S.A.. <i>PLoS ONE</i> , 2019, 14, e0212693.	2.5	39
8	The Effect of SkitoSnack, an Artificial Blood Meal Replacement, on <i>Aedes aegypti</i> Life History Traits and Gut Microbiota. <i>Scientific Reports</i> , 2018, 8, 11023.	3.3	28
9	Colonized <i>Sabethes cyaneus</i> , a Sylvatic New World Mosquito Species, Shows a Low Vector Competence for Zika Virus Relative to <i>Aedes aegypti</i> . <i>Viruses</i> , 2018, 10, 434.	3.3	23
10	Fat Body Organ Culture System in <i>Aedes Aegypti</i> , a Vector of Zika Virus. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	12
11	Efficacy of Some Wearable Devices Compared with Spray-On Insect Repellents for the Yellow Fever Mosquito, <i>Aedes aegypti</i> (L.) (Diptera: Culicidae). <i>Journal of Insect Science</i> , 2017, 17, .	1.5	35
12	RNA-Seq Comparison of Larval and Adult Malpighian Tubules of the Yellow Fever Mosquito <i>Aedes aegypti</i> Reveals Life Stage-Specific Changes in Renal Function. <i>Frontiers in Physiology</i> , 2017, 8, 283.	2.8	33
13	Short-Range Responses of the Kissing Bug <i>Triatoma rubida</i> (Hemiptera: Reduviidae) to Carbon Dioxide, Moisture, and Artificial Light. <i>Insects</i> , 2017, 8, 90.	2.2	12
14	Dengue virus serotype 2 infection alters midgut and carcass gene expression in the Asian tiger mosquito, <i>Aedes albopictus</i> . <i>PLoS ONE</i> , 2017, 12, e0171345.	2.5	32
15	Artificial Diets for Mosquitoes. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1267.	2.6	45
16	Functional characterization of aquaporins and aquaglyceroporins of the yellow fever mosquito, <i>Aedes aegypti</i> . <i>Scientific Reports</i> , 2015, 5, 7795.	3.3	52
17	Small mosquitoes, large implications: crowding and starvation affects gene expression and nutrient accumulation in <i>Aedes aegypti</i> . <i>Parasites and Vectors</i> , 2015, 8, 252.	2.5	62
18	Substrate specificity and transport mechanism of amino-acid transceptor Slimfast from <i>Aedes aegypti</i> . <i>Nature Communications</i> , 2015, 6, 8546.	12.8	22

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19	The Efficacy of Some Commercially Available Insect Repellents for <i>Aedes aegypti</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	50
20	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. <i>Science</i> , 2015, 347, 1258522.	12.6	492
21	Blood serum and BSA, but neither red blood cells nor hemoglobin can support vitellogenesis and egg production in the dengue vector <i>Aedes aegypti</i> . <i>PeerJ</i> , 2015, 3, e938.	2.0	31
22	The Odorant Receptor Co-Receptor from the Bed Bug, <i>Cimex lectularius</i> L. <i>PLoS ONE</i> , 2014, 9, e113692.	2.5	20
23	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.	2.8	136
24	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.	3.0	53
25	Genome Sequence of the Tsetse Fly (<i>Glossina morsitans</i>): Vector of African Trypanosomiasis. <i>Science</i> , 2014, 344, 380-386.	12.6	254
26	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.	1.5	44
27	The effect of the radio-protective agents ethanol, trimethylglycine, and beer on survival of X-ray-sterilized male <i>Aedes aegypti</i> . <i>Parasites and Vectors</i> , 2013, 6, 211.	2.5	16
28	RNAi-mediated Gene Knockdown and <i>In Vivo</i> Diuresis Assay in Adult Female <i>Aedes aegypti</i> Mosquitoes. <i>Journal of Visualized Experiments</i> , 2012, , e3479.	0.3	14
29	SLC7 amino acid transporters of the yellow fever mosquito <i>Aedes aegypti</i> and their role in fat body TOR signaling and reproduction. <i>Journal of Insect Physiology</i> , 2012, 58, 513-522.	2.0	36
30	The Fat Body Transcriptomes of the Yellow Fever Mosquito <i>Aedes aegypti</i> , Pre- and Post- Blood Meal. <i>PLoS ONE</i> , 2011, 6, e22573.	2.5	77
31	AaCAT1 of the Yellow Fever Mosquito, <i>Aedes aegypti</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 10803-10813.	3.4	33
32	The Aquaporin Gene Family of the Yellow Fever Mosquito, <i>Aedes aegypti</i> . <i>PLoS ONE</i> , 2010, 5, e15578.	2.5	85
33	Juvenile hormone connects larval nutrition with target of rapamycin signaling in the mosquito <i>Aedes aegypti</i> . <i>Journal of Insect Physiology</i> , 2008, 54, 231-239.	2.0	52
34	Forkhead transcription factors regulate mosquito reproduction. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 985-997.	2.7	69
35	Effect of insulin and 20-hydroxyecdysone in the fat body of the yellow fever mosquito, <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 1317-1326.	2.7	134
36	Identification of two cationic amino acid transporters required for nutritional signaling during mosquito reproduction. <i>Journal of Experimental Biology</i> , 2006, 209, 3071-3078.	1.7	81

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37	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.	3.4	97
38	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.	3.4	146
39	Nutritional regulation of vitellogenesis in mosquitoes: Implications for anautogeny. <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 661-675.	2.7	271
40	The Adrenal Secretory Serine Protease AsP Is a Short Secretory Isoform of the Transmembrane Airway Trypsin-Like Protease. <i>Endocrinology</i> , 2004, 145, 1898-1905.	2.8	30
41	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.	7.1	222
42	The pro-opiomelanocortin gene of the zebrafish (<i>Danio rerio</i>). <i>Biochemical and Biophysical Research Communications</i> , 2003, 303, 1121-1128.	2.1	47
43	N-Terminal Proopiomelanocortin Acts as a Mitogen in Adrenocortical Tumor Cells and Decreases Adrenal Steroidogenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 2171-2179.	3.6	64
44	Interaction of the anterior fat body protein with the hexamerin receptor in the blowfly <i>Calliphora vicina</i> . <i>FEBS Journal</i> , 2002, 269, 954-960.	0.2	20