Hanano Yamada

List of Publications by Year
in descending order

32	636	567281 15	642732 23
papers	citations	h-index	g-index

36	36	36	458
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phased Conditional Approach for Mosquito Management Using Sterile Insect Technique. Trends in Parasitology, 2020, 36, 325-336.	3.3	64
2	Standard operating procedures for standardized mass rearing of the dengue and chikungunya vectors Aedes aegypti and Aedes albopictus (Diptera: Culicidae) - I - egg quantification. Parasites and Vectors, 2015, 8, 42.	2.5	58
3	A rapid quality control test to foster the development of genetic control in mosquitoes. Scientific Reports, 2018, 8, 16179.	3.3	56
4	Genetic sex separation of the malaria vector, Anopheles arabiensis, by exposing eggs to dieldrin. Malaria Journal, 2012, 11, 208.	2.3	40
5	Identification of critical factors that significantly affect the dose-response in mosquitoes irradiated as pupae. Parasites and Vectors, 2019, 12, 435.	2.5	36
6	The effects of genetic manipulation, dieldrin treatment and irradiation on the mating competitiveness of male Anopheles arabiensis in field cages. Malaria Journal, 2014, 13, 318.	2.3	34
7	Establishment of a medium-scale mosquito facility: tests on mass production cages for Aedes albopictus (Diptera: Culicidae). Parasites and Vectors, 2018, 11, 189.	2.5	26
8	The Insect Pest Control Laboratory of the Joint FAO/IAEA Programme: Ten Years (2010â€“2020) of Research and Development, Achievements and Challenges in Support of the Sterile Insect Technique. Insects, 2021, 12, 346.	2.2	26
9	Establishment of a medium-scale mosquito facility: optimization of the larval mass-rearing unit for Aedes albopictus (Diptera: Culicidae). Parasites and Vectors, 2017, 10, 569.	2.5	24
10	The Anopheles arabiensis genetic sexing strain ANO IPCL1 and its application potential for the sterile insect technique in integrated vector management programmes. Acta Tropica, 2015, 142, 138-144.	2.0	23
11	Optimization of Mass-Rearing Methods for Anopheles arabiensis Larval Stages: Effects of Rearing Water Temperature and Larval Density on Mosquito Life-History Traits. Journal of Economic Entomology, 2018, 111, 2383-2390.	1.8	23
12	Toward implementation of combined incompatible and sterile insect techniques for mosquito control: Optimized chilling conditions for handling Aedes albopictus male adults prior to release. PLoS Neglected Tropical Diseases, 2020, 14, e0008561.	3.0	21
13	Reducing the cost and assessing the performance of a novel adult mass-rearing cage for the dengue, chikungunya, yellow fever and Zika vector, Aedes aegypti (Linnaeus). PLoS Neglected Tropical Diseases, 2019, 13, e0007775.	3.0	20
14	Does mosquito mass-rearing produce an inferior mosquito?. Malaria Journal, 2017, 16, 357.	2.3	18
15	The role of oxygen depletion and subsequent radioprotective effects during irradiation of mosquito pupae in water. Parasites and Vectors, 2020, 13, 198.	2.5	17
16	Cost-effective larval diet mixtures for mass rearing of Anopheles arabiensis Patton (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	2.5	15
17	Evaluation of radiation sensitivity and mating performance of Glossina brevipalpis males. PLoS Neglected Tropical Diseases, 2017, 11, e0005473.	3.0	15
18	Anopheles arabiensis egg treatment with dieldrin for sex separation leaves residues in male adult mosquitoes that can bioaccumulate in goldfish (Carassius auratus auratus). Environmental Toxicology and Chemistry, 2013, 32, 2786-2791.	4.3	13

#	Article	IF	Citations
19	Insects to feed insects - feeding Aedes mosquitoes with flies for laboratory rearing. Scientific Reports, 2019, 9, 11403.	3.3	13
20	Black soldier fly (Hermetia illucens) larvae powder as a larval diet ingredient for mass-rearing Aedes mosquitoes. Parasite, 2019, 26, 57.	2.0	13
21	Aedes aegyptilarval development and pupal production in the FAO/IAEA mass-rearing rack and factors influencing sex sorting efficiency. Parasite, 2020, 27, 43.	2.0	12
22	Characterization and dose-mapping of an X-ray blood irradiator to assess application potential for the sterile insect technique (SIT). Applied Radiation and Isotopes, 2021, 176, 109859.	1.5	11
23	Enhancements to the massâ€rearing cage for the malaria vector, <scp>A</scp>nopheles arabiensis for improved adult longevity and egg production. Entomologia Experimentalis Et Applicata, 2017, 164, 269-275.	1.4	10
24	Demonstration of resistance to satyrization behavior in Aedes aegypti from La RÃ©union island. Parasite, 2020, 27, 22.	2.0	9
25	Mosquito mass rearing: whoâ€™s eating the eggs?. Parasite, 2019, 26, 75.	2.0	7
26	Assessment of a Novel Adult Mass-Rearing Cage for Aedes albopictus (Skuse) and Anopheles arabiensis (Patton). Insects, 2020, 11, 801.	2.2	7
27	Radiation dose-rate is a neglected critical parameter in doseâ€“response of insects. Scientific Reports, 2022, 12, 6242.	3.3	6
28	Standardization of the FAO/IAEA Flight Test for Quality Control of Sterile Mosquitoes. Frontiers in Bioengineering and Biotechnology, 0, 10, .	4.1	6
29	High sensitivity of one-step real-time reverse transcription quantitative PCR to detect low virus titers in large mosquito pools. Parasites and Vectors, 2020, 13, 460.	2.5	5
30	Reverse osmosis and ultrafiltration for recovery and reuse of larval rearing water in Anopheles arabiensis mass production: Effect of water quality on larval development and fitness of emerging adults. Acta Tropica, 2017, 170, 126-133.	2.0	4
31	Does Tap Water Quality Compromise the Production of Aedes Mosquitoes in Genetic Control Projects?. Insects, 2021, 12, 57.	2.2	3
32	Adult mosquito predation and potential impact on the sterile insect technique. Scientific Reports, 2022, 12, 2561.	3.3	1