Mark Q Benedict

List of Publications by Year
in descending order

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41 papers	2,679 citations	430442 18 h-index	433756 31 g-index
45 all docs	45 docs citations	45 times ranked	2713 citing authors

#	Article	IF	Citations
1	Spread of The Tiger: Global Risk of Invasion by The MosquitoAedes albopictus. Vector-Borne and Zoonotic Diseases, 2007, 7, 76-85.	0.6	850
2	Sterile-Insect Methods for Control of Mosquito-Borne Diseases: An Analysis. Vector-Borne and Zoonotic Diseases, 2010, 10, 295-311.	0.6	432
3	The first releases of transgenic mosquitoes: an argument for the sterile insect technique. Trends in Parasitology, 2003, 19, 349-355.	1.5	369
4	Historical applications of induced sterilisation in field populations of mosquitoes. Malaria Journal, 2009, 8, S2.	0.8	129
5	Sex separation strategies: past experience and new approaches. Malaria Journal, 2009, 8, S5.	0.8	110
6	Colonisation and mass rearing: learning from others. Malaria Journal, 2009, 8, S4.	0.8	101
7	GEOGRAPHIC AND ECOLOGIC DISTRIBUTIONS OF THE ANOPHELES GAMBIAE COMPLEX PREDICTED USING A GENETIC ALGORITHM. American Journal of Tropical Medicine and Hygiene, 2004, 70, 105-109.	0.6	91
8	Review: Improving our knowledge of male mosquito biology in relation to genetic control programmes. Acta Tropica, 2014, 132, S2-S11.	0.9	78
9	Male reproductive biology of Aedes mosquitoes. Acta Tropica, 2014, 132, S12-S19.	0.9	69
10	Spatial and temporal distribution of the malaria mosquito Anopheles arabiensis in northern Sudan: influence of environmental factors and implications for vector control. Malaria Journal, 2009, 8, 123.	0.8	64
11	Care and maintenance of anopheline mosquito colonies. , 1997, , 3-12.		50
12	Geographic and ecologic distributions of the Anopheles gambiae complex predicted using a genetic algorithm. American Journal of Tropical Medicine and Hygiene, 2004, 70, 105-9.	0.6	36
13	Sterile Insect Technique (SIT) against Aedes Species Mosquitoes: A Roadmap and Good Practice Framework for Designing, Implementing and Evaluating Pilot Field Trials. Insects, 2021, 12, 191.	1.0	34
14	Methylparaben in Anopheles gambiae s.l. sugar meals increases longevity and malaria oocyst abundance but is not a preferred diet. Journal of Insect Physiology, 2009, 55, 197-204.	0.9	30
15	Stimulating Anopheles gambiae swarms in the laboratory: application for behavioural and fitness studies. Malaria Journal, 2015, 14, 271.	0.8	27
16	Laboratory selection for an accelerated mosquito sexual development rate. Malaria Journal, 2011, 10, 135.	0.8	26
17	Field site selection: getting it right first time around. Malaria Journal, 2009, 8, S9.	0.8	24
18	Sterile Insect Technique: Lessons From the Past. Journal of Medical Entomology, 2021, 58, 1974-1979.	0.9	23

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19	Mosquito Mass Rearing Technology: A Cold-Water Vortex Device for Continuous Unattended Separation of Anopheles arabiensis Pupae from Larvae. Journal of the American Mosquito Control Association, 2011, 27, 227-235.	0.2	22
20	Large-cage assessment of a transgenic sex-ratio distortion strain on populations of an African malaria vector. Parasites and Vectors, 2019, 12, 70.	1.0	22
21	Benchmarking vector arthropod culture: an example using the African malaria mosquito, Anopheles gambiae (Diptera: Culicidae). Malaria Journal, 2016, 15, 262.	0.8	14
22	Guidance for Evaluating the Safety of Experimental Releases of Mosquitoes, Emphasizing Mark-Release-Recapture Techniques. Vector-Borne and Zoonotic Diseases, 2018, 18, 39-48.	0.6	14
23	Pragmatic selection of larval mosquito diets for insectary rearing of Anopheles gambiae and Aedes aegypti. PLoS ONE, 2020, 15, e0221838.	1.1	14
24	Maintaining Quality of Candidate Strains of Transgenic Mosquitoes for Studies in Containment Facilities in Disease Endemic Countries. Vector-Borne and Zoonotic Diseases, 2018, 18, 31-38.	0.6	9
25	Defining Environment Risk Assessment Criteria for Genetically Modified Insects to be placed on the EU Market. EFSA Supporting Publications, 2010, 7, 71E.	0.3	8
26	Comparison of Model Predictions and Laboratory Observations of Transgene Frequencies in Continuously-Breeding Mosquito Populations. Insects, 2016, 7, 47.	1.0	7
27	Fluorescent markers rhodamine B and uranine for Anopheles gambiae adults and matings. Malaria Journal, 2020, 19, 236.	0.8	6
28	Unassisted Isolated-pair Mating ofAnopheles gambiae(Diptera: Culicidae) Mosquitoes. Journal of Medical Entomology, 2002, 39, 942-944.	0.9	5
29	Plasmodium falciparum (Haemosporodia: Plasmodiidae) and Oâ€™nyong-nyong Virus Development in a Transgenic Anopheles gambiae (Diptera: Culicidae) Strain. Journal of Medical Entomology, 2019, 56, 936-941.	0.9	5
30	Impact of Technological Improvements on Traditional Control Strategies. Advances in Experimental Medicine and Biology, 2008, 627, 84-92.	0.8	4
31	Trials of the Automated Particle Counter for laboratory rearing of mosquito larvae. PLoS ONE, 2020, 15, e0241492.	1.1	3
32	Measuring and reducing biofilm in mosquito rearing containers. Parasites and Vectors, 2020, 13, 439.	1.0	2
33	Male mosquitoes make waves in paradise. Pathogens and Global Health, 2013, 107, 161-161.	1.0	0
34	Title is missing!. , 2020, 15, e0221838.		0
35	Title is missing!. , 2020, 15, e0221838.		0
36	Title is missing!. , 2020, 15, e0221838.		0

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37	Title is missing!. , 2020, 15, e0221838.		0
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40	Trials of the Automated Particle Counter for laboratory rearing of mosquito larvae. , 2020, 15, e0241492.		0
41	Trials of the Automated Particle Counter for laboratory rearing of mosquito larvae. , 2020, 15, e0241492.		0