John Jaenike

List of Publications by Year in descending order

47 papers	3,873 citations	159585 30 h-index	223800 46 g-index
85 all docs	85 docs citations	85 times ranked	3466 citing authors

#	Article	IF	Citations
1	Host Specialization in Phytophagous Insects. Annual Review of Ecology, Evolution, and Systematics, 1990, 21, 243-273.	6.7	951
2	Adaptation via Symbiosis: Recent Spread of a Drosophila Defensive Symbiont. Science, 2010, 329, 212-215.	12.6	463
3	Sex Chromosome Meiotic Drive. Annual Review of Ecology, Evolution, and Systematics, 2001, 32, 25-49.	6.7	337
4	Asymmetrical Reinforcement and Wolbachia Infection in Drosophila. PLoS Biology, 2006, 4, e325.	5.6	192
5	WOLBACHIA AND THE EVOLUTION OF REPRODUCTIVE ISOLATION BETWEEN DROSOPHILA RECENS AND DROSOPHILA SUBQUINARIA. Evolution; International Journal of Organic Evolution, 1999, 53, 1157-1164.	2.3	152
6	Interspecific transmission of endosymbiotic Spiroplasma by mites. Biology Letters, 2007, 3, 23-25.	2.3	124
7	Community structure of the gut microbiota in sympatric species of wild Drosophila. Ecology Letters, 2017, 20, 629-639.	6.4	118
8	SPONTANEOUS EMERGENCE OF A NEW WOLBACHIA PHENOTYPE. Evolution; International Journal of Organic Evolution, 2007, 61, 2244-2252.	2.3	103
9	Wolbachia and cytoplasmic incompatibility in mycophagous Drosophila and their relatives. Heredity, 1995, 75, 320-326.	2.6	74
10	Associations between mycophagous Drosophila and their Howardula nematode parasites: a worldwide phylogenetic shuffle. Molecular Ecology, 2002, 12, 237-249.	3.9	70
11	GENETIC POPULATION STRUCTURE OF DROSOPHILA TRIPUNCTATA : PATTERNS OF VARIATION AND COVARIATION OF TRAITS AFFECTING RESOURCE USE. Evolution; International Journal of Organic Evolution, 1989, 43, 1467-1482.	2.3	68
12	PARASITE PRESSURE AND THE EVOLUTION OF AMANITIN TOLERANCE IN DROSOPHILA. Evolution; International Journal of Organic Evolution, 1985, 39, 1295-1301.	2.3	62
13	Association between Wolbachia and Spiroplasma within Drosophila neotestacea: an emerging symbiotic mutualism?. Molecular Ecology, 2010, 19, 414-425.	3.9	60
14	ON THE CAUSES OF MONOPHAGY IN DROSOPHILA QUINARIA. Evolution; International Journal of Organic Evolution, 1988, 42, 626-630.	2.3	58
15	MAINTENANCE OF A MALE-KILLINGWOLBACHIAINDROSOPHILA INNUBILABY MALE-KILLING DEPENDENT AND MALE-KILLING INDEPENDENT MECHANISMS. Evolution; International Journal of Organic Evolution, 2012, 66, 678-689.	2.3	58
16	Genetics of oviposition-site preference in Drosophila tripunctata. Heredity, 1987, 59, 363-369.	2.6	57
17	SUBOPTIMAL VIRULENCE OF AN INSECTâ€PARASITIC NEMATODE. Evolution; International Journal of Organic Evolution, 1996, 50, 2241-2247.	2.3	57
18	GENETIC AND ENVIRONMENTAL DETERMINANTS OF FOOD PREFERENCE IN DROSOPHILA TRIPUNCTATA. Evolution; International Journal of Organic Evolution, 1985, 39, 362-369.	2.3	55

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19	Defensive endosymbionts: a cryptic trophic level in community ecology. Ecology Letters, 2011, 14, 150-155.	6.4	51
20	Recent genome reduction ofWolbachiainDrosophila recenstargets phage WO and narrows candidates for reproductive parasitism. PeerJ, 2014, 2, e529.	2.0	51
21	PHYLOGENETIC ANALYSIS OF BREEDING SITE USE AND Î±â€AMANITIN TOLERANCE WITHIN THE DROSOPHILA QUINARIA SPECIES GROUP. Evolution; International Journal of Organic Evolution, 1996, 50, 2328-2337.	2.3	50
22	SUPPRESSION OF SEXâ€RATIO MEIOTIC DRIVE AND THE MAINTENANCE OF Yâ€CHROMOSOME POLYMORPHISM INDROSOPHILA. Evolution; International Journal of Organic Evolution, 1999, 53, 164-174.	2.3	46
23	Dynamics of the continentâ€wide spread of a Drosophila defensive symbiont. Ecology Letters, 2013, 16, 609-616.	6.4	45
24	Effects of co-occurring Wolbachia and Spiroplasma endosymbionts on the Drosophila immune response against insect pathogenic and non-pathogenic bacteria. BMC Microbiology, 2016, 16, 16.	3.3	43
25	ECOLOGICAL GENERALISM IN DROSOPHILA FALLENI: GENETIC EVIDENCE. Evolution; International Journal of Organic Evolution, 1979, 33, 741-748.	2.3	42
26	Ecology and Evolution of Hostâ€Parasite Associations: Mycophagous Drosophila and Their Parasitic Nematodes. American Naturalist, 2002, 160, S23-S39.	2.1	42
27	Multiple origins of obligate nematode and insect symbionts by a clade of bacteria closely related to plant pathogens. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31979-31986.	7.1	40
28	RESOURCE PREDICTABILITY AND NICHE BREADTH IN THEDROSOPHILA QUINARIASPECIES GROUP. Evolution; International Journal of Organic Evolution, 1978, 32, 676-678.	2.3	38
29	HABITAT CONTINUITY AND THE GENETIC STRUCTURE OF DROSOPHILA POPULATIONS. Evolution; International Journal of Organic Evolution, 1997, 51, 1326-1332.	2.3	34
30	Systematics and Modes of Reproductive Isolation in the Holarctic Drosophila testacea Species Group (Diptera: Drosophilidae). Annals of the Entomological Society of America, 1992, 85, 671-685.	2.5	31
31	EXPRESSION AND MODULATION OF EMBRYONIC MALE-KILLING IN DROSOPHILA INNUBILA: OPPORTUNITIES FOR MULTILEVEL SELECTION. Evolution; International Journal of Organic Evolution, 2005, 59, 838-848.	2.3	31
32	ON THE QUESTION OF HOST RACES IN THE FALL WEBWORM, HYPHANTRIA CUNEA. Entomologia Experimentalis Et Applicata, 1980, 27, 31-37.	1.4	29
33	ECOLOGICAL GENETICS OF ABDOMINAL PIGMENTATION IN DROSOPHILA FALLENI: A PLEIOTROPIC LINK TO NEMATODE PARASITISM. Evolution; International Journal of Organic Evolution, 2004, 58, 587-596.	2.3	29
34	Macroevolutionary persistence of heritable endosymbionts: acquisition, retention and expression of adaptive phenotypes in <scp>S</scp>piroplasma. Molecular Ecology, 2015, 24, 3752-3765.	3.9	29
35	EVOLUTIONARY DYNAMICS OF A SPATIALLY STRUCTURED HOST-PARASITE ASSOCIATION: DROSOPHILA INNUBILA AND MALE-KILLING WOLBACHIA. Evolution; International Journal of Organic Evolution, 2005, 59, 1518-1528..	2.3	26
36	Nonrandom associations of maternally transmitted symbionts in insects: The roles of drift versus biased cotransmission and selection. Molecular Ecology, 2019, 28, 5330-5346.	3.9	24

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37	GENERAL-PURPOSE GENOTYPES FOR HOST SPECIES UTILIZATION IN A NEMATODE PARASITE OF DROSOPHILA. Evolution; International Journal of Organic Evolution, 1998, 52, 832-840.	2.3	19
38	Endosymbiont-based immunity in Drosophila melanogaster against parasitic nematode infection. PLoS ONE, 2018, 13, e0192183.	2.5	18
39	Comment on "Impacts of Biodiversity Loss on Ocean Ecosystem Services". Science, 2007, 316, 1285a-1285a.	12.6	16
40	CrypticOnchocercaspecies infecting North American cervids, with implications for the evolutionary history of host associations inOnchocerca. Parasitology, 2013, 140, 1201-1210.	1.5	16
41	Effect of island area on Drosophila population densities. Oecologia, 1978, 36, 327-332.	2.0	14
42	Fighting back against male-killers. Trends in Ecology and Evolution, 2007, 22, 167-169.	8.7	14
43	X chromosome drive. Current Biology, 2008, 18, R508-R511.	3.9	12
44	Heritable symbionts contribute to host plant adaptation. Functional Ecology, 2015, 29, 1371-1372.	3.6	11
45	Rapid evolution of parasitic nematodes: Not. Evolutionary Ecology, 1996, 10, 565-565.	1.2	8
46	TIME-DELAYED EFFECTS OF CLIMATE VARIATION ON HOSTâ€“PARASITE DYNAMICS. Ecology, 2002, 83, 917-924.	3.2	5
47	DROSOPHILA OF THE DESERT. Evolution; International Journal of Organic Evolution, 1984, 38, 703-704.	2.3	0