Natacha Kremer

List of Publications by Year
in descending order

31 papers	3,414 citations	430843 18 h-index	477281 29 g-index
34 all docs	34 docs citations	34 times ranked	4951 citing authors

#	Article	IF	Citations
1	Animals in a bacterial world, a new imperative for the life sciences. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3229-3236.	7.1	2,181
2	Wolbachia Interferes with Ferritin Expression and Iron Metabolism in Insects. PLoS Pathogens, 2009, 5, e1000630.	4.7	164
3	Symbiotic organs shaped by distinct modes of genome evolution in cephalopods. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3030-3035.	7.1	123
4	Initial Symbiont Contact Orchestrates Host-Organ-wide Transcriptional Changes that Prime Tissue Colonization. Cell Host and Microbe, 2013, 14, 183-194.	11.0	119
5	The chemistry of negotiation: Rhythmic, glycan-driven acidification in a symbiotic conversation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 566-571.	7.1	83
6	A new case of Wolbachia dependence in the genus Asobara: evidence for parthenogenesis induction in Asobara japonica. Heredity, 2009, 103, 248-256.	2.6	73
7	SNP calling from RNA-seq data without a reference genome: identification, quantification, differential analysis and impact on the protein sequence. Nucleic Acids Research, 2016, 44, gkw655.	14.5	66
8	Unicoloniality, recognition and genetic differentiation in a native Formica ant. Journal of Evolutionary Biology, 2006, 19, 2031-2039.	1.7	63
9	Influence of Wolbachia on host gene expression in an obligatory symbiosis. BMC Microbiology, 2012, 12, S7.	3.3	63
10	The oxidative environment: a mediator of interspecies communication that drives symbiosis evolution. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133112.	2.6	52
11	The first engagement of partners in the <scp>E</scp>uprymna scolopesâ€“<scp>V</scp>ibrio fischeri symbiosis is a twoâ€step process initiated by a few environmental symbiont cells. Environmental Microbiology, 2013, 15, 2937-2950.	3.8	51
12	Microbial impacts on insect evolutionary diversification: from patterns to mechanisms. Current Opinion in Insect Science, 2014, 4, 29-34.	4.4	39
13	A model symbiosis reveals a role for sheathed-flagellum rotation in the release of immunogenic lipopolysaccharide. ELife, 2014, 3, e01579.	6.0	39
14	Modulation of Symbiont Lipid A Signaling by Host Alkaline Phosphatases in the Squid-Vibrio Symbiosis. MBio, 2012, 3, .	4.1	38
15	The dual nature of haemocyanin in the establishment and persistence of the squidâ€“vibrio symbiosis. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140504.	2.6	35
16	Adaptive male effects on female ageing in seed beetles. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 2485-2489.	2.6	34
17	The effects of age at mating on female life-history traits in a seed beetle. Behavioral Ecology, 2007, 18, 551-555.	2.2	32
18	Chromosomal scale assembly of parasitic wasp genome reveals symbiotic virus colonization. Communications Biology, 2021, 4, 104.	4.4	27

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19	DO VARIABLE COMPENSATORY MECHANISMS EXPLAIN THE POLYMORPHISM OF THE DEPENDENCE PHENOTYPE IN THE ASOBARA TABIDA-WOLBACHIA ASSOCIATION?. Evolution; International Journal of Organic Evolution, 2010, 64, no-no.	2.3	17
20	Persistent Interactions with Bacterial Symbionts Direct Mature-Host Cell Morphology and Gene Expression in the Squid-Vibrio Symbiosis. MSystems, 2018, 3, .	3.8	17
21	Ageing and the evolution of female resistance to remating in seed beetles. Biology Letters, 2006, 2, 62-64.	2.3	16
22	Does a parthenogenesis-inducing Wolbachia induce vestigial cytoplasmic incompatibility?. Die Naturwissenschaften, 2011, 98, 175-180.	1.6	15
23	Stress & Symbiosis: Heads or Tails?. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	15
24	Influence of oxidative homeostasis on bacterial density and cost of infection in Drosophilaâ€“Wolbachia symbioses. Journal of Evolutionary Biology, 2016, 29, 1211-1222.	1.7	14
25	Involvement of a host Cathepsin L in symbiontâ€induced cell death. MicrobiologyOpen, 2018, 7, e00632.	3.0	12
26	Vertical and horizontal transmission drive bacterial invasion. Molecular Ecology, 2011, 20, 3496-3498.	3.9	9
27	Impact of Wolbachia on oxidative stress sensitivity in the parasitic wasp Asobara japonica. PLoS ONE, 2017, 12, e0175974.	2.5	3
28	Development of a <scp>PCR</scp>â€<scp>RFLP</scp> assay to identify Drosophila melanogaster among fieldâ€collected larvae. Ecology and Evolution, 2018, 8, 10067-10074.	1.9	2
29	Wolbachia load variation in Drosophila is more likely caused by drift than by host genetic factors. , 0, 1, .		1
30	Is symbiosis evolution influenced by the pleiotropic role of programmed cell death in immunity and development?. Contemporary Topics in Entomology Series, 2008, , 57-75.	0.3	0
31	Hooked on Wolbachia. Peer Community in Evolutionary Biology, 2018, , .	0.0	0