

# Jens Bast

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7189445/publications.pdf>

Version: 2024-02-01

19  
papers

1,202  
citations

687363

13  
h-index

888059

17  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stick Insect Genomes Reveal Natural Selection's Role in Parallel Speciation. <i>Science</i> , 2014, 344, 738-742.	12.6	386
2	Genomic evidence for ameiotic evolution in the bdelloid rotifer <i>Adineta vaga</i> . <i>Nature</i> , 2013, 500, 453-457.	27.8	352
3	Consequences of Asexuality in Natural Populations: Insights from Stick Insects. <i>Molecular Biology and Evolution</i> , 2018, 35, 1668-1677.	8.9	63
4	No Accumulation of Transposable Elements in Asexual Arthropods. <i>Molecular Biology and Evolution</i> , 2016, 33, 697-706.	8.9	61
5	Genomic Features of Parthenogenetic Animals. <i>Journal of Heredity</i> , 2021, 112, 19-33.	2.4	55
6	Asexual reproduction reduces transposable element load in experimental yeast populations. <i>ELife</i> , 2019, 8, .	6.0	39
7	Decay of sexual trait genes in an asexual parasitoid wasp. <i>Genome Biology and Evolution</i> , 2016, 8, evw273.	2.5	33
8	Effective purifying selection in ancient asexual oribatid mites. <i>Nature Communications</i> , 2017, 8, 873.	12.8	32
9	Convergent consequences of parthenogenesis on stick insect genomes. <i>Science Advances</i> , 2022, 8, eabg3842.	10.3	27
10	Repeated Evolution of Asexuality Involves Convergent Gene Expression Changes. <i>Molecular Biology and Evolution</i> , 2019, 36, 350-364.	8.9	26
11	Haplotype divergence supports long-term asexuality in the oribatid mite <i>Oppiella nova</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	23
12	Sex-biased gene expression is repeatedly masculinized in asexual females. <i>Nature Communications</i> , 2019, 10, 4638.	12.8	21
13	Functional insights from the GC-poor genomes of two aphid parasitoids, <i>Aphidius ervi</i> and <i>Lysiphlebus fabarum</i> . <i>BMC Genomics</i> , 2020, 21, 376.	2.8	19
14	No signal of deleterious mutation accumulation in conserved gene sequences of extant asexual hexapods. <i>Scientific Reports</i> , 2019, 9, 5338.	3.3	17
15	Mapping of Multiple Complementary Sex Determination Loci in a Parasitoid Wasp. <i>Genome Biology and Evolution</i> , 2019, 11, 2954-2962.	2.5	10
16	Genome Evolution of Asexual Organisms and the Paradox of Sex in Eukaryotes. , 2020, , 133-167.		10
17	First annotated draft genomes of nonmarine ostracods (Ostracoda, Crustacea) with different reproductive modes. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	9
18	Transposable element proliferation as a possible side effect of endosymbiont manipulations. <i>Mobile Genetic Elements</i> , 2012, 2, 253-256.	1.8	3

#	ARTICLE	IF	CITATIONS
19	Having Babies in Soil: Is Sex Really Necessary?. Frontiers for Young Minds, 0, 9, .	0.8	0