Benjamin B Normark

List of Publications by Year
in descending order

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73 papers	3,333 citations	172457 29 h-index	161849 54 g-index
79 all docs	79 docs citations	79 times ranked	2573 citing authors

#	Article	IF	Citations
1	Ancient asexual scandals. Trends in Ecology and Evolution, 1996, 11, 41-46.	8.7	489
2	THEEVOLUTION OFALTERNATIVEGENETICSYSTEMS ININSECTS. Annual Review of Entomology, 2003, 48, 397-423.	11.8	344
3	THE EVOLUTION OF AGRICULTURE IN BEETLES (CURCULIONIDAE: SCOLYTINAE AND PLATYPODINAE). Evolution; International Journal of Organic Evolution, 2001, 55, 2011-2027.	2.3	308
4	Genomic signatures of ancient asexual lineages. Biological Journal of the Linnean Society, 0, 79, 69-84.	1.6	182
5	Origin of a haplodiploid beetle lineage. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 2253-2259.	2.6	127
6	Phylogenetic congruence of armored scale insects (Hemiptera: Diaspididae) and their primary endosymbionts from the phylum Bacteroidetes. Molecular Phylogenetics and Evolution, 2007, 44, 267-280.	2.7	94
7	Evolutionary assembly of the conifer fauna: distinguishing ancient from recent associations in bark beetles. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 2359-2366.	2.6	92
8	PHYLOGENY AND EVOLUTION OF PARTHENOGENETIC WEEVILS OF THE ARAMIGUS TESSELLATUS SPECIES COMPLEX (COLEOPTERA: CURCULIONIDAE: NAUPACTINI): EVIDENCE FROM MITOCHONDRIAL DNA SEQUENCES. Evolution; International Journal of Organic Evolution, 1996, 50, 734-745.	2.3	91
9	Evolution and Diversity of Facultative Symbionts from the Aphid Subfamily Lachninae. Applied and Environmental Microbiology, 2009, 75, 5328-5335.	3.1	85
10	Evolutionary radiation of an inbreeding haplodiploid beetle lineage (Curculionidae, Scolytinae). Biological Journal of the Linnean Society, 2000, 71, 483-499.	1.6	84
11	Molecular Systematics and Evolution of the Aphid Family Lachnidae. Molecular Phylogenetics and Evolution, 2000, 14, 131-140.	2.7	71
12	Parthenogenesis in the <I>Aspidiotus nerii</I> Complex (Hemiptera: Diaspididae): A Single Origin of a Worldwide, Polyphagous Lineage Associated with <I>Cardinium</I> Bacteria. Annals of the Entomological Society of America, 2005, 98, 629-635.	2.5	70
13	HAPLODIPLOIDY AS AN OUTCOME OF COEVOLUTION BETWEEN MALE-KILLING CYTOPLASMIC ELEMENTS AND THEIR HOSTS. Evolution; International Journal of Organic Evolution, 2004, 58, 790-798.	2.3	63
14	Niche explosion. Genetica, 2011, 139, 551-564.	1.1	63
15	A molecular phylogenetic study of armoured scale insects (Hemiptera: Diaspididae). Systematic Entomology, 2005, 31, 338-349.	3.9	62
16	A phylogenetic analysis of armored scale insects (Hemiptera: Diaspididae), based upon nuclear, mitochondrial, and endosymbiont gene sequences. Molecular Phylogenetics and Evolution, 2010, 57, 992-1003.	2.7	57
17	LARGE POPULATION SIZE PREDICTS THE DISTRIBUTION OF ASEXUALITY IN SCALE INSECTS. Evolution; International Journal of Organic Evolution, 2013, 67, 196-206.	2.3	57
18	What We Don't Know About Diet-Breadth Evolution in Herbivorous Insects. Annual Review of Ecology, Evolution, and Systematics, 2020, 51, 103-122.	8.3	52

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19	Evolution in a Putatively Ancient Asexual Aphid Lineage: Recombination and Rapid Karyotype Change. Evolution; International Journal of Organic Evolution, 1999, 53, 1458.	2.3	51
20	EVOLUTION IN A PUTATTVELY ANCIENT ASEXUAL APHID LINEAGE: RECOMBINATION AND RAPID KARYOTYPE CHANGE. Evolution; International Journal of Organic Evolution, 1999, 53, 1458-1469.	2.3	51
21	The nutrient supplying capabilities of <scp>U</scp>zinura, an endosymbiont of armoured scale insects. Environmental Microbiology, 2013, 15, 1988-1999.	3.8	51
22	Phylogeny and Evolution of Parthenogenetic Weevils of the Aramigus tessellatus Species Complex (Coleoptera: Curculionidae: Naupactini): Evidence from Mitochondrial DNA Sequences. Evolution; International Journal of Organic Evolution, 1996, 50, 734.	2.3	48
23	Extraordinary sex ratios and the evolution of male neoteny in sib-mating Ozopemon beetles. Biological Journal of the Linnean Society, 2002, 75, 353-360.	1.6	46
24	Phylogeny and classification of armored scale insects (Hemiptera: Coccomorpha: Diaspididae). Zootaxa, 2019, 4616, zootaxa.4616.1.1.	0.5	42
25	Incongruence Between Morphological and Mitochondrial-DNA Characters Suggests Hybrid Origins of Parthenogenetic Weevil Lineages (Genus Aramigus). Systematic Biology, 1998, 47, 475-494.	5.6	41
26	Extraordinary haplotype diversity in haplodiploid inbreeders: phylogenetics and evolution of the bark beetle genus Coccotrypes. Molecular Phylogenetics and Evolution, 2002, 23, 171-188.	2.7	38
27	PERSPECTIVE: MATERNAL KIN GROUPS AND THE ORIGINS OF ASYMMETRIC GENETIC SYSTEMS?GENOMIC IMPRINTING, HAPLODIPLOIDY, AND PARTHENOGENESIS. Evolution; International Journal of Organic Evolution, 2006, 60, 631-642.	2.3	36
28	Discovery of cryptic species among North American pine-feedingChionaspisscale insects (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	36
29	Nonadaptive radiation: Pervasive diet specialization by drift in scale insects?. Evolution; International Journal of Organic Evolution, 2016, 70, 2421-2428.	2.3	34
30	Male killers and the origins of paternal genome elimination. Theoretical Population Biology, 2006, 70, 511-526.	1.1	30
31	Perspective: maternal kin groups and the origins of asymmetric genetic systems-genomic imprinting, haplodiploidy, and parthenogenesis. Evolution; International Journal of Organic Evolution, 2006, 60, 631-42.	2.3	30
32	Investigating hybridization in the parthenogenetic New Zealand stick insect Acanthoxyla (Phasmatodea) using single-copy nuclear loci. Molecular Phylogenetics and Evolution, 2008, 48, 335-349.	2.7	28
33	The Strange Case of the Armored Scale Insect and Its Bacteriome. PLoS Biology, 2004, 2, e43.	5.6	24
34	Possible geographic origin of beech scale, Cryptococcus fagisuga (Hemiptera: Eriococcidae), an invasive pest in North America. Biological Control, 2006, 39, 9-18.	3.0	23
35	Genetic conflict, kin and the origins of novel genetic systems. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130364.	4.0	21
36	Cryptic Diversity in the Aspidiotus nerii Complex in Australia. Annals of the Entomological Society of America, 2010, 103, 844-854.	2.5	20

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37	The role of endosymbionts in the evolution of haploidâ€male genetic systems in scale insects (Coccoidea). Ecology and Evolution, 2012, 2, 1071-1081.	1.9	20
38	Gene expression plasticity across hosts of an invasive scale insect species. PLoS ONE, 2017, 12, e0176956.	2.5	20
39	Unusual gametic and genetic systems. , 2009, , 507-538.		19
40	Scale insect host ranges are broader in the tropics. Biology Letters, 2015, 11, 20150924.	2.3	19
41	Molecular phylogenetics of Aspidiotini armored scale insects (Hemiptera: Diaspididae) reveals rampant paraphyly, curious species radiations, and multiple origins of association with Melissotarsus ants (Hymenoptera: Formicidae). Molecular Phylogenetics and Evolution, 2018, 129, 291-303.	2.7	17
42	Phylogenetic analysis reveals positive correlations between adaptations to diverse hosts in a group of pathogen-like herbivores. Evolution; International Journal of Organic Evolution, 2015, 69, n/a-n/a.	2.3	16
43	Micro- and Macroevolutionary Trade-Offs in Plant-Feeding Insects. American Naturalist, 2016, 188, 640-650.	2.1	16
44	THE EVOLUTION OF AGRICULTURE IN BEETLES (CURCULIONIDAE: SCOLYTINAE AND PLATYPODINAE). Evolution; International Journal of Organic Evolution, 2001, 55, 2011.	2.3	14
45	EVOLUTIONARY GENETICS:Sinless Originals. Science, 2000, 288, 1185-1186.	12.6	13
46	Extraordinary sex ratios and the evolution of male neoteny in sib-mating Ozopemon beetles. Biological Journal of the Linnean Society, 2002, 75, 353-360.	1.6	13
47	Sex, males, and hermaphrodites in the scale insect Icerya purchasi *. Evolution; International Journal of Organic Evolution, 2021, 75, 2972-2983.	2.3	12
48	Modes of reproduction. , 2014, , 1-19.		12
49	Reply from O.P. Judson and B.B. Normark. Trends in Ecology and Evolution, 1996, 11, 297.	8.7	11
50	Corroborating molecular species discovery: Four new pine-feeding species of Chionaspis (Hemiptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	11
51	Armored Scale Insects (Hemiptera: Diaspididae) of San Lorenzo National Park, Panama, With Descriptions of Two New Species. Annals of the Entomological Society of America, 2014, 107, 37-49.	2.5	11
52	Nonadaptive hostâ€use specificity in tropical armored scale insects. Ecology and Evolution, 2020, 10, 12910-12919.	1.9	9
53	Molecular Phylogenetic Placement of the Recently Described Armored Scale Insect Abgrallaspis aguacatae and Several Congeners (Hemiptera: Diaspididae). Annals of the Entomological Society of America, 2010, 103, 30-38.	2.5	7
54	Mutualism between armoured scale insects and ants: new species and observations on a unique trophobiosis (Hemiptera: Diaspididae; Hymenoptera: Formicidae:MelissotarsusEmery). Systematic Entomology, 2013, 38, 805-817.	3.9	7

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55	Geographic distribution and abundance of the Afrotropical subterranean scale insectStictococcus vayssierei(Hemiptera: Stictococcidae), a pest of root and tuber crops in the Congo basin. Bulletin of Entomological Research, 2020, 110, 293-301.	1.0	5
56	HAPLODIPLOIDY AS AN OUTCOME OF COEVOLUTION BETWEEN MALE-KILLING CYTOPLASMIC ELEMENTS AND THEIR HOSTS. Evolution; International Journal of Organic Evolution, 2004, 58, 790.	2.3	4
57	Parthenogenesis in Insects and Mites. , 2009, , 753-757.		4
58	Molecular Phylogenetic Placement of the Recently Described Armored Scale Insect Abgrallaspis aguacatae and Several Congeners (Hemiptera: Diaspididae). Annals of the Entomological Society of America, 2010, 103, 30-38.	2.5	4
59	Micromalthus debilis. Current Biology, 2013, 23, R430-R431.	3.9	4
60	An Unidentified Parasitoid Community (Chalcidoidea) is Associated with Pine-FeedingChionaspisScale Insects (Hemiptera: Diaspididae). Annals of the Entomological Society of America, 2014, 107, 356-363.	2.5	4
61	An online interactive identification key to common pest species of Aspidiotini (Hemiptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.1	4
62	The scale and parasitoid community on native hemlocks in Japan. Biological Control, 2016, 100, 7-17.	3.0	3
63	PERSPECTIVE: MATERNAL KIN GROUPS AND THE ORIGINS OF ASYMMETRIC GENETIC SYSTEMSâ€"GENOMIC IMPRINTING, HAPLODIPLOIDY, AND PARTHENOGENESIS. Evolution; International Journal of Organic Evolution, 2006, 60, 631.	2.3	2
64	Four new species of Aspidiotini (Hemiptera, Diaspididae, Aspidiotinae) from Panama, with a key to Panamanian species. ZooKeys, 2021, 1047, 1-25.	1.1	2
65	Taxonomic and identification review of adventive Fiorinia Targioni Tozzetti (Hemiptera, Coccomorpha,) Tj ETQq1 1 0.784314 rgBT /Over	1.1	2
66	Genetics and the origin of species: the continuing synthesis a symposium in honor of Richard G. Harrison. Genetica, 2011, 139, 535-539.	1.1	1
67	Aphelinid and Encyrtid (Hymenoptera: Chalcidoidea) Parasitoids of Armored Scales (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Eight New Species. Annals of the Entomological Society of America, 2013, 106, 541-554.	2.5	1
68	Chusqueaspis Amouroux, gen. nov., a new genus of armoured scale insects (Hemiptera: Diaspididae) on bamboos in southern South America. Austral Entomology, 2020, 59, 731-746.	1.4	1
69	A New Species of Thysanaspis Ferris (Hemiptera: Diaspididae: Leucaspidini) from Florida Mangroves. Proceedings of the Entomological Society of Washington, 2019, 121, 681.	0.2	1
70	Integrating the Life Sciences to Jumpstart the Next Decade of Discovery. Integrative and Comparative Biology, 2022, 61, 1984-1990.	2.0	1
71	Unruly Hamilton. Trends in Genetics, 2002, 18, 377.	6.7	0
72	THE BIOLOGY OF DEMONS1. Evolution; International Journal of Organic Evolution, 2004, 58, 676.	2.3	0

#	Article	IF	Citations
73	The clones are all right. Science, 2022, 376, 1052-1053.	12.6	0