

Adam G Jones

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

7,375
citations

50170

46
h-index

60497

81
g-index

112
all docs

112
docs citations

112
times ranked

5528
citing authors

#	ARTICLE	IF	CITATIONS
1	The relationship between sexual dimorphism and androgen response element proliferation in primate genomes. <i>Evolution; International Journal of Organic Evolution</i> , 2022, , .	1.1	3
2	Bateman Gradient. , 2022, , 630-633.		0
3	The population genomics of repeated freshwater colonizations by Gulf pipefish. <i>Molecular Ecology</i> , 2021, 30, 1672-1687.	2.0	4
4	Home range use in the West Australian seahorse <i>Hippocampus subelongatus</i> is influenced by sex and partner's home range but not by body size or paired status. <i>Journal of Ethology</i> , 2021, 39, 235-248.	0.4	2
5	The 150th anniversary of <i>The Descent of Man</i> : Darwin and the impact of sex-role reversal on sexual selection research. <i>Biological Journal of the Linnean Society</i> , 2021, 134, 525-540.	0.7	17
6	Fisher's lost model of runaway sexual selection. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 487-494.	1.1	16
7	Quantifying the causal pathways contributing to natural selection. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 2560-2574.	1.1	16
8	The Estrogen-Responsive Transcriptome of Female Secondary Sexual Traits in the Gulf Pipefish. <i>Journal of Heredity</i> , 2020, 111, 294-306.	1.0	11
9	Choosy Gulf pipefish males ignore age but prefer active females with deeply keeled bodies. <i>Animal Behaviour</i> , 2019, 155, 37-44.	0.8	7
10	Sex roles and the evolution of parental care specialization. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191312.	1.2	22
11	The Effects of Epistasis and Pleiotropy on Genome-Wide Scans for Adaptive Outlier Loci. <i>Journal of Heredity</i> , 2019, 110, 494-513.	1.0	3
12	Genome-wide detection of oestrogen response elements. <i>Molecular Ecology Resources</i> , 2019, 19, 1366-1373.	2.2	6
13	The future of parentage analysis: From microsatellites to SNPs and beyond. <i>Molecular Ecology</i> , 2019, 28, 544-567.	2.0	131
14	Bateman Gradient. , 2019, , 1-4.		5
15	Substantial differences in bias between single-digest and double-digest RADseq libraries: A case study. <i>Molecular Ecology Resources</i> , 2018, 18, 264-280.	2.2	22
16	The G-matrix Simulator Family: Software for Research and Teaching. <i>Journal of Heredity</i> , 2018, 109, 825-829.	1.0	0
17	Genome-wide selection components analysis in a fish with male pregnancy. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1096-1105.	1.1	32
18	Parabolic variation in sexual selection intensity across the range of a cold-water pipefish: implications for susceptibility to climate change. <i>Global Change Biology</i> , 2017, 23, 3600-3609.	4.2	16

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19	Constraints on the FST“Heterozygosity Outlier Approach. <i>Journal of Heredity</i> , 2017, 108, 561-573.	1.0	67
20	Mate quality and the temporal dynamics of breeding in a sex-role-reversed pipefish, <i>S. typhle</i> . <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	0.6	2
21	The lek mating system of the worm pipefish (<i>Nerophis lumbriciformis</i>): a molecular maternity analysis and test of the phenotype“linked fertility hypothesis. <i>Molecular Ecology</i> , 2017, 26, 1371-1385.	2.0	13
22	A DNA-Based Assessment of the Phylogenetic Position of a Morphologically Distinct, Anchialine-Lake-Restricted Seahorse. <i>Journal of Heredity</i> , 2016, 107, 553-558.	1.0	6
23	Population genomics reveals multiple drivers of population differentiation in a sex“role“reversed pipefish. <i>Molecular Ecology</i> , 2016, 25, 5043-5072.	2.0	17
24	A low rate of multiple maternity for pregnant male northern pipefish <i>Syngnathus fuscus</i> . <i>Journal of Fish Biology</i> , 2016, 88, 1614-1619.	0.7	3
25	Identifying signatures of sexual selection using genomewide selection components analysis. <i>Ecology and Evolution</i> , 2015, 5, 2722-2744.	0.8	4
26	The Effects of Synthetic Estrogen Exposure on the Sexually Dimorphic Liver Transcriptome of the Sex-Role-Reversed Gulf Pipefish. <i>PLoS ONE</i> , 2015, 10, e0139401.	1.1	15
27	<code>batemanater</code> : a computer program to estimate and bootstrap mating system variables based on Bateman's principles. <i>Molecular Ecology Resources</i> , 2015, 15, 1396-1402.	2.2	11
28	Effects of mating order and male size on embryo survival in a pipefish. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 639-645.	0.7	4
29	Multiple Mating and Reproductive Skew in Parental and Introgressed Females of the Live-Bearing Fish <i>Xiphophorus birchmanni</i> . <i>Journal of Heredity</i> , 2015, 106, 57-66.	1.0	10
30	The Effects of Food Limitation on Life History Tradeoffs in Pregnant Male Gulf Pipefish. <i>PLoS ONE</i> , 2015, 10, e0124147.	1.1	8
31	No evidence for size“assortative mating in the wild despite mutual mate choice in sex“role“reversed pipefishes. <i>Ecology and Evolution</i> , 2014, 4, 67-78.	0.8	16
32	Genetic Evidence for Monogamy in the Dwarf Seahorse, <i>Hippocampus zosterae</i> . <i>Journal of Heredity</i> , 2014, 105, 922-927.	1.0	18
33	Validating the use of colouration patterns for individual recognition in the worm pipefish using a novel set of microsatellite markers. <i>Molecular Ecology Resources</i> , 2014, 14, 150-156.	2.2	13
34	Epistasis and natural selection shape the mutational architecture of complex traits. <i>Nature Communications</i> , 2014, 5, 3709.	5.8	100
35	Sexual selection on female ornaments in the sex“role“reversed <code>G</code> ulf pipefish (<i>Syngnathus scovelli</i>). <i>Journal of Evolutionary Biology</i> , 2014, 27, 2457-2467.	0.8	33
36	The Contributions of Premating and Postmating Selection Episodes to Total Selection in Sex-Role-Reversed Gulf Pipefish. <i>American Naturalist</i> , 2013, 182, 410-420.	1.0	39

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37	The Role of Courtship Behavior and Size in Mate Preference in the Sex-Role-Reversed <i>Syngnathus scovelli</i> Pipefish. <i>Ethology</i> , 2013, 119, 692-701.	0.5	12
38	OVERCOMING STATISTICAL BIAS TO ESTIMATE GENETIC MATING SYSTEMS IN OPEN POPULATIONS: A COMPARISON OF BATEMAN'S PRINCIPLES BETWEEN THE SEXES IN A SEX-ROLE-REVERSED PIPEFISH. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 646-660.	1.1	26
39	The effects of synthetic estrogen exposure on premating and postmating episodes of selection in sex-role-reversed <i>Syngnathus</i> pipefish. <i>Evolutionary Applications</i> , 2013, 6, 1160-1170.	1.5	31
40	Functional similarity and molecular divergence of a novel reproductive transcriptome in two male-pregnant <i>Syngnathus</i> pipefish species. <i>Ecology and Evolution</i> , 2013, 3, 4092-4108.	0.8	14
41	Population Structure of the Gulf Pipefish in and around Mobile Bay and the Northern Gulf of Mexico. <i>Journal of Heredity</i> , 2012, 103, 821-830.	1.0	5
42	The effects of stochastic and episodic movement of the optimum on the evolution of the <i>G</i> -matrix and the response of the trait mean to selection. <i>Journal of Evolutionary Biology</i> , 2012, 25, 2210-2231.	0.8	52
43	The opportunity for sexual selection: not mismeasured, just misunderstood. <i>Journal of Evolutionary Biology</i> , 2011, 24, 2064-2071.	0.8	104
44	Patterns of multiple paternity and maternity in fishes. <i>Biological Journal of the Linnean Society</i> , 2011, 103, 735-760.	0.7	103
45	The genetics and genomics of Syngnathidae: pipefishes, seahorses and seadragons. <i>Journal of Fish Biology</i> , 2011, 78, 1624-1646.	0.7	39
46	Evidence of paternal nutrient provisioning to embryos in broad-nosed pipefish <i>Syngnathus typhle</i> . <i>Journal of Fish Biology</i> , 2011, 78, 1725-1737.	0.7	50
47	The effect of maternal body size on embryo survivorship in the broods of pregnant male pipefish. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 1169-1177.	0.6	19
48	Population structure of the dusky pipefish (<i>Syngnathus floridae</i>) from the Atlantic and Gulf of Mexico, as revealed by mitochondrial DNA and microsatellite analyses. <i>Journal of Biogeography</i> , 2010, 37, 1363-1377.	1.4	28
49	Post-copulatory sexual selection and sexual conflict in the evolution of male pregnancy. <i>Nature</i> , 2010, 464, 401-404.	13.7	81
50	Paczolt & Jones reply. <i>Nature</i> , 2010, 466, E12-E12.	13.7	0
51	Reproductive compensation in broad-nosed pipefish females. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1581-1587.	1.2	41
52	Short-term exposure to a synthetic estrogen disrupts mating dynamics in a pipefish. <i>Hormones and Behavior</i> , 2010, 58, 800-807.	1.0	58
53	A practical guide to methods of parentage analysis. <i>Molecular Ecology Resources</i> , 2010, 10, 6-30.	2.2	386
54	Reproductive Isolation, Reproductive Mode, and Sexual Selection: Empirical Tests of the Viviparity-Driven Conflict Hypothesis. <i>American Naturalist</i> , 2009, 173, 291-303.	1.0	10

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55	Multiple mating and a low incidence of cuckoldry for nest-holding males in the two-spotted goby, <i>Gobiusculus flavescens</i> . <i>BMC Evolutionary Biology</i> , 2009, 9, 6.	3.2	27
56	The effect of perceived female parasite load on post-copulatory male choice in a sex-role-reversed pipefish. <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 345-354.	0.6	19
57	Environmental, demographic, and genetic mating system variation among five geographically distinct dusky pipefish (<i>Syngnathus floridae</i>) populations. <i>Molecular Ecology</i> , 2009, 18, 1476-1490.	2.0	50
58	ON THE OPPORTUNITY FOR SEXUAL SELECTION, THE BATEMAN GRADIENT AND THE MAXIMUM INTENSITY OF SEXUAL SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1673-1684.	1.1	203
59	Sex Recognition via Chemical Cues in the Sex-Role-Reversed Gulf Pipefish (<i>Syngnathus scovelli</i>). <i>Ethology</i> , 2009, 115, 339-346.	0.5	17
60	Mate choice and sexual selection: What have we learned since Darwin?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10001-10008.	3.3	243
61	UNDERSTANDING THE EVOLUTION AND STABILITY OF THE G-MATRIX. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 2451-2461.	1.1	356
62	A theoretical quantitative genetic study of negative ecological interactions and extinction times in changing environments. <i>BMC Evolutionary Biology</i> , 2008, 8, 119.	3.2	28
63	Sexually selected females in the monogamous Western Australian seahorse. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 521-525.	1.2	48
64	Geographical variation in the mating system of the dusky pipefish (<i>Syngnathus floridae</i>). <i>Molecular Ecology</i> , 2007, 16, 2596-2606.	2.0	61
65	THE MUTATION MATRIX AND THE EVOLUTION OF EVOLVABILITY. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 727-745.	1.1	163
66	MALE PREGNANCY AND THE EVOLUTION OF BODY SEGMENTATION IN SEAHORSES AND PIPEFISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 404-410.	1.1	10
67	An analysis of selection on a colour polymorphism in the northern leopard frog. <i>Molecular Ecology</i> , 2006, 15, 2627-2641.	2.0	55
68	MALE PREGNANCY AND THE EVOLUTION OF BODY SEGMENTATION IN SEAHORSES AND PIPEFISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 404.	1.1	2
69	Gene cooption without duplication during the evolution of a male-pregnancy gene in pipefish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19407-19412.	3.3	34
70	gerud 2.0: a computer program for the reconstruction of parental genotypes from half-sib progeny arrays with known or unknown parents. <i>Molecular Ecology Notes</i> , 2005, 5, 708-711.	1.7	315
71	Genetic structure in the coral-reef-associated Banggai cardinalfish, <i>Pterapogon kauderni</i> . <i>Molecular Ecology</i> , 2005, 14, 1367-1375.	2.0	54
72	Multiple paternity in a natural population of a salamander with long-term sperm storage. <i>Molecular Ecology</i> , 2005, 14, 1803-1810.	2.0	56

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73	Group stability and homing behavior but no kin group structures in a coral reef fish. Behavioral Ecology, 2005, 16, 521-527.	1.0	53
74	The Measurement of Sexual Selection Using Bateman's Principles: An Experimental Test in the Sex-Role-Reversed Pipefish <i>Syngnathus typhle</i> . Integrative and Comparative Biology, 2005, 45, 874-884.	0.9	80
75	Molecular Parentage Analysis in Experimental Newt Populations: The Response of Mating System Measures to Variation in the Operational Sex Ratio. American Naturalist, 2004, 164, 444-456.	1.0	69
76	Eleven polymorphic microsatellite loci in a coral reef fish, <i>Pterapogon kauderni</i> . Molecular Ecology Notes, 2004, 4, 342-344.	1.7	6
77	EVOLUTION AND STABILITY OF THE G-MATRIX ON A LANDSCAPE WITH A MOVING OPTIMUM. Evolution; International Journal of Organic Evolution, 2004, 58, 1639-1654.	1.1	167
78	Evidence for fine-scale genetic structure and estuarine colonisation in a potential high gene flow marine goby (<i>Pomatoschistus minutus</i>). Heredity, 2004, 92, 434-445.	1.2	42
79	Sea Turtles: Old Viruses and New Tricks. Current Biology, 2004, 14, R842-R843.	1.8	15
80	Male pregnancy. Current Biology, 2003, 13, R791.	1.8	4
81	Methods of parentage analysis in natural populations. Molecular Ecology, 2003, 12, 2511-2523.	2.0	525
82	STABILITY OF THE G-MATRIX IN A POPULATION EXPERIENCING PLEIOTROPIC MUTATION, STABILIZING SELECTION, AND GENETIC DRIFT. Evolution; International Journal of Organic Evolution, 2003, 57, 1747-1760.	1.1	242
83	Sympatric speciation as a consequence of male pregnancy in seahorses. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6598-6603.	3.3	80
84	Topping off: A mechanism of first-male sperm precedence in a vertebrate. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2078-2081.	3.3	55
85	Validation of Bateman's principles: a genetic study of sexual selection and mating patterns in the rough-skinned newt. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2533-2539.	1.2	110
86	THE EVOLUTION OF ALTERNATIVE CRYPTIC FEMALE CHOICE STRATEGIES IN AGE-STRUCTURED POPULATIONS. Evolution; International Journal of Organic Evolution, 2002, 56, 2530-2536.	1.1	12
87	Genetic Mating Systems and Reproductive Natural Histories of Fishes: Lessons for Ecology and Evolution. Annual Review of Genetics, 2002, 36, 19-45.	3.2	232
88	The genetic mating system and tests for cuckoldry in a pipefish species in which males fertilize eggs and brood offspring externally. Molecular Ecology, 2001, 10, 1793-1800.	2.0	46
89	gerud1.0: a computer program for the reconstruction of parental genotypes from progeny arrays using multilocus DNA data. Molecular Ecology Notes, 2001, 1, 215-218.	1.7	86
90	Genetic variation in two populations of the rough-skinned newt (<i>Taricha granulosa</i>) assessed using novel tetranucleotide microsatellite loci. Molecular Ecology Notes, 2001, 1, 293-296.	1.7	14

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91	Surprising similarity of sneaking rates and genetic mating patterns in two populations of sand goby experiencing disparate sexual selection regimes. <i>Molecular Ecology</i> , 2001, 10, 461-469.	2.0	69
92	The adaptive landscape as a conceptual bridge between micro- and macroevolution. <i>Genetica</i> , 2001, 112/113, 9-32.	0.5	440
93	How cuckoldry can decrease the opportunity for sexual selection: Data and theory from a genetic parentage analysis of the sand goby, <i>Pomatoschistus minutus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 9151-9156.	3.3	146
94	Mating Systems and Sexual Selection in Male-Pregnant Pipefishes and Seahorses: Insights from Microsatellite-Based Studies of Maternity. , 2001, 92, 150-158.		124
95	Genetic evidence for extreme polyandry and extraordinary sex-role reversal in a pipefish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2531-2535.	1.2	79
96	The adaptive landscape as a conceptual bridge between micro- and macroevolution. <i>Contemporary Issues in Genetics and Evolution</i> , 2001, , 9-32.	0.9	77
97	Monogamous pair bonds and mate switching in the Western Australian seahorse <i>Hippocampus subelongatus</i> . <i>Journal of Evolutionary Biology</i> , 2000, 13, 882-888.	0.8	103
98	Mate quality influences multiple maternity in the sex-role-reversed pipefish <i>Syngnathus typhle</i> . <i>Oikos</i> , 2000, 90, 321-326.	1.2	31
99	The Bateman gradient and the cause of sexual selection in a sex-“role”-reversed pipefish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 677-680.	1.2	175
100	Microsatellite assessment of multiple paternity in natural populations of a live-bearing fish, <i>Gambusia holbrooki</i> . <i>Journal of Evolutionary Biology</i> , 1999, 12, 61-69.	0.8	93
101	The genetic mating system of a sex-role-reversed pipefish (<i>Syngnathus typhle</i>): a molecular inquiry. <i>Behavioral Ecology and Sociobiology</i> , 1999, 46, 357-365.	0.6	107
102	Clustered Microsatellite Mutations in the Pipefish <i>Syngnathus typhle</i> . <i>Genetics</i> , 1999, 152, 1057-1063.	1.2	63
103	Genetic evidence for two evolutionarily significant units of White Sands pupfish. <i>Animal Conservation</i> , 1998, 1, 213-225.	1.5	35
104	Microsatellite evidence for monogamy and sex-biased recombination in the Western Australian seahorse <i>Hippocampus angustus</i> . <i>Molecular Ecology</i> , 1998, 7, 1497-1505.	2.0	102
105	Brief communication. The molecular basis of a microsatellite null allele from the white sands pupfish. <i>Journal of Heredity</i> , 1998, 89, 339-342.	1.0	73
106	A Microsatellite Assessment of Sneaked Fertilizations and Egg Thievery in the Fifteenspine Stickleback. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 848.	1.1	22
107	A MICROSATELLITE ASSESSMENT OF SNEAKED FERTILIZATIONS AND EGG THIEVERY IN THE FIFTEENSPINE STICKLEBACK. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 848-858.	1.1	52
108	Genetic evidence for two evolutionarily significant units of White Sands pupfish. , 1998, 1, 213.		3

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109	POLYGYNANDRY IN THE DUSKY PIPEFISH <i>SYNGNATHUS FLORIDAE</i> REVEALED BY MICROSATELLITE DNA MARKERS. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1611-1622.	1.1	68
110	Polygynandry in the Dusky Pipefish <i>Syngnathus floridae</i> Revealed by Microsatellite DNA Markers. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1611.	1.1	36
111	Microsatellite analysis of maternity and the mating system in the Gulf pipefish <i>Syngnathus scovelli</i> , a species with male pregnancy and sex role reversal. <i>Molecular Ecology</i> , 1997, 6, 203-213.	2.0	147