

Arne Jungwirth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3814081/publications.pdf>

Version: 2024-02-01

45
papers

3,678
citations

257450

24
h-index

233421

45
g-index

46
all docs

46
docs citations

46
times ranked

3262
citing authors

#	ARTICLE	IF	CITATIONS
1	Female sticklebacks count alleles in a strategy of sexual selection explaining MHC polymorphism. <i>Nature</i> , 2001, 414, 300-302.	27.8	438
2	The collective-risk social dilemma and the prevention of simulated dangerous climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2291-2294.	7.1	429
3	The Major Histocompatibility Complex, Sexual Selection, and Mate Choice. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2006, 37, 159-186.	8.3	372
4	Mate choice decisions of stickleback females predictably modified by MHC peptide ligands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4414-4418.	7.1	324
5	Parasite Selection for Immunogenetic Optimality. <i>Science</i> , 2003, 301, 1343-1343.	12.6	318
6	Stabilizing the Earth's climate is not a losing game: Supporting evidence from public goods experiments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3994-3998.	7.1	304
7	Cooperation under predation risk: experiments on costs and benefits. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 831-837.	2.6	141
8	Genomics of Divergence along a Continuum of Parapatric Population Differentiation. <i>PLoS Genetics</i> , 2015, 11, e1004966.	3.5	135
9	Climate Change: What Psychology Can Offer in Terms of Insights and Solutions. <i>Current Directions in Psychological Science</i> , 2018, 27, 269-274.	5.3	129
10	Predation risk drives social complexity in cooperative breeders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4104-4109.	7.1	111
11	Parasite diversity, patterns of MHC II variation and olfactory based mate choice in diverging three-spined stickleback ecotypes. <i>Evolutionary Ecology</i> , 2011, 25, 605-622.	1.2	110
12	Reputation, a universal currency for human social interactions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150100.	4.0	104
13	Cooperative interaction of rich and poor can be catalyzed by intermediate climate targets. <i>Climatic Change</i> , 2011, 109, 807-814.	3.6	80
14	On the interaction of the stick and the carrot in social dilemmas. <i>Journal of Theoretical Biology</i> , 2012, 299, 139-143.	1.7	73
15	Extensive Copy-Number Variation of Young Genes across Stickleback Populations. <i>PLoS Genetics</i> , 2014, 10, e1004830.	3.5	70
16	Long-Term Memory for Food Patches and Implications for Ideal Free Distributions in Sticklebacks. <i>Ecology</i> , 1993, 75, 1150-1156.	3.2	52
17	Benefits of coloniality: communal defence saves anti-predator effort in cooperative breeders. <i>Functional Ecology</i> , 2015, 29, 1218-1224.	3.6	52
18	Transcriptome profiling of immune tissues reveals habitat-specific gene expression between lake and river sticklebacks. <i>Molecular Ecology</i> , 2016, 25, 943-958.	3.9	49

#	ARTICLE	IF	CITATIONS
19	Prospecting precedes dispersal and increases survival chances in cooperatively breeding cichlids. <i>Animal Behaviour</i> , 2015, 106, 107-114.	1.9	41
20	Costly major histocompatibility complex signals produced only by reproductively active males, but not females, must be validated by a "maleness signal" in three-spined sticklebacks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 391-398.	2.6	37
21	Spying on Others Evolves. <i>Science</i> , 2007, 317, 464-465.	12.6	36
22	Cryptic haplotype-specific gamete selection yields offspring with optimal MHC immune genes. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 2478-2490.	2.3	26
23	Cooperation wins and stays. <i>Nature</i> , 1993, 364, 12-13.	27.8	25
24	Inter- and intraspecific conflicts between parasites over host manipulation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152870.	2.6	25
25	Long-term individual marking of small freshwater fish: the utility of Visual Implant Elastomer tags. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	1.4	24
26	First- and second-order sociality determine survival and reproduction in cooperative cichlids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151971.	2.6	21
27	Mate choice in sticklebacks reveals that immunogenes can drive ecological speciation. <i>Behavioral Ecology</i> , 2017, 28, 953-961.	2.2	21
28	Genome-Wide Genotype-Expression Relationships Reveal Both Copy Number and Single Nucleotide Differentiation Contribute to Differential Gene Expression between Stickleback Ecotypes. <i>Genome Biology and Evolution</i> , 2019, 11, 2344-2359.	2.5	16
29	The past and the future of Behavioral Ecology. <i>Behavioral Ecology</i> , 2014, 25, 680-684.	2.2	15
30	Oil extraction imperils Africa's Great Lakes. <i>Science</i> , 2016, 354, 561-562.	12.6	15
31	Cooperation under predation risk: a data-based ESS analysis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1239-1247.	2.6	11
32	Polygyny affects paternal care, but not survival, pair stability, and group tenure in a cooperative cichlid. <i>Behavioral Ecology</i> , 2016, 27, 592-600.	2.2	10
33	The contribution of post-copulatory mechanisms to incipient ecological speciation in sticklebacks. <i>Biology Letters</i> , 2015, 11, 20140933.	2.3	9
34	Latent toxoplasmosis and olfactory functions of Rh positive and Rh negative subjects. <i>PLoS ONE</i> , 2018, 13, e0209773.	2.5	7
35	The role of tactile interactions in flight responses in the Bronze Cory catfish (<i>Corydoras</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	1.1	7
36	Multiple Evolutionary Routes to Monogamy: Modeling the Coevolution of Mating Decisions and Parental Investment. <i>American Naturalist</i> , 2019, 193, E29-E40.	2.1	7

#	ARTICLE	IF	CITATIONS
37	The level of climate-change mitigation depends on how humans assess the risk arising from missing the 2°C target. <i>Palgrave Communications</i> , 2017, 3, .	4.7	6
38	Reproductive conflict resolution in cooperative breeders. <i>Behavioral Ecology</i> , 2019, 30, 1743-1750.	2.2	6
39	On the importance of defensible resources for social evolution: Applying new techniques to a long-standing question. <i>Ethology</i> , 2021, 127, 872-885.	1.1	6
40	Animal personalities: an empty placeholder feigning understanding: a comment on Beekman and Jordan. <i>Behavioral Ecology</i> , 2017, 28, 629-630.	2.2	5
41	The costs and benefits of larger brains in fishes. <i>Journal of Evolutionary Biology</i> , 2022, 35, 973-985.	1.7	3
42	Economics: Corruption made visible. <i>Nature Human Behaviour</i> , 2017, 1, .	12.0	2
43	MHC mediates social odor via microbiota—it cannot work: a comment on Schubert et al.. <i>Behavioral Ecology</i> , 2021, 32, 374-375.	2.2	2
44	Challenging conventional wisdom: Experimental evidence on heterogeneity and coordination in avoiding a collective catastrophic event. <i>Journal of Environmental Economics and Management</i> , 2021, 109, 102502.	4.7	2
45	Male validation factor for three-spined stickleback (<i>Gasterosteus aculeatus</i>) mate choice likely evolutionarily conserved since 50 thousand years. <i>Ethology Ecology and Evolution</i> , 2021, 33, 25-36.	1.4	1