

Joachim G Frommen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

1,735

citations

25

h-index

39

g-index

74

ext. papers

2,012

ext. citations

3.2

avg, IF

5.12

L-index

#	Paper	IF	Citations
68	Predator Detection 2022 , 5507-5515		
67	Sex-Specific Routes to Independent Breeding in a Polygynous Cooperative Breeder. <i>Frontiers in Ecology and Evolution</i> , 2021 , 9,	3.7	1
66	Ecological variation drives morphological differentiation in a highly social vertebrate. <i>Functional Ecology</i> , 2021 , 35, 2266	5.6	3
65	Proximate and Ultimate Mechanisms of Cooperation in Fishes 2021 , 272-294		1
64	Age- and sex-dependent variation in relatedness corresponds to reproductive skew, territory inheritance, and workload in cooperatively breeding cichlids. <i>Evolution; International Journal of Organic Evolution</i> , 2021 , 75, 2881-2897	3.8	3
63	Through a glass darkly? Divergent reactions of eight Lake Tanganyika cichlid species towards their mirror image in their natural environment. <i>Ethology</i> , 2021 , 127, 925-933	1.7	0
62	Group-size preferences in a shoaling cichlid. <i>Behaviour</i> , 2020 , 157, 415-431	1.4	2
61	Aggressive communication in aquatic environments. <i>Functional Ecology</i> , 2020 , 34, 364-380	5.6	16
60	Investment of group members is contingent on helper number and the presence of young in a cooperative breeder. <i>Animal Behaviour</i> , 2020 , 160, 35-42	2.8	9
59	Experimental predator intrusions in a cooperative breeder reveal threat-dependent task partitioning. <i>Behavioral Ecology</i> , 2020 , 31, 1369-1378	2.3	7
58	First field evidence for alloparental egg care in cooperatively breeding fish. <i>Ethology</i> , 2019 , 125, 164-169	1.7	9
57	Long-term individual marking of small freshwater fish: the utility of Visual Implant Elastomer tags. <i>Behavioral Ecology and Sociobiology</i> , 2019 , 73, 1	2.5	14
56	Insufficient data render comparative analyses of the evolution of cooperative breeding mere speculation: A reply to Dey et al.. <i>Ethology</i> , 2019 , 125, 851-854	1.7	6
55	Parasite-induced colour alteration of intermediate hosts increases ingestion by suitable final host species. <i>Behaviour</i> , 2019 , 156, 1329-1348	1.4	1
54	Oddity, predation risk and social decisions in aquatic invertebrates. <i>Ethology</i> , 2019 , 125, 106-113	1.7	3
53	Helpers increase food abundance in the territory of a cooperatively breeding fish. <i>Behavioral Ecology and Sociobiology</i> , 2018 , 72, 1	2.5	10
52	Helpers increase the reproductive success of breeders in the cooperatively breeding cichlid <i>Neolamprologus obscurus</i> . <i>Behavioral Ecology and Sociobiology</i> , 2018 , 72, 1	2.5	10

51	Evolutionary transitions to cooperative societies in fishes revisited. <i>Ethology</i> , 2018 , 124, 777-789	1.7	14
50	Task-dependent workload adjustment of female breeders in a cooperatively breeding fish. <i>Behavioral Ecology</i> , 2018 , 29, 221-229	2.3	11
49	To pee or not to pee: urine signals mediate aggressive interactions in the cooperatively breeding cichlid <i>Neolamprologus pulcher</i> . <i>Behavioral Ecology and Sociobiology</i> , 2017 , 71, 1	2.5	19
48	Consistent behavioural differences between migratory and resident hoverflies. <i>Animal Behaviour</i> , 2017 , 127, 187-195	2.8	13
47	Rapid molecular sexing of three-spined sticklebacks, <i>Gasterosteus aculeatus</i> L., based on large Y-chromosomal insertions. <i>Journal of Applied Genetics</i> , 2017 , 58, 401-407	2.5	5
46	Kin recognition and filial cannibalism in an amphibious fish. <i>Behavioral Ecology and Sociobiology</i> , 2017 , 71, 1	2.5	1
45	Adaptive parasitic manipulation as exemplified by acanthocephalans. <i>Ethology</i> , 2017 , 123, 779-784	1.7	17
44	Technical and conceptual considerations for using animated stimuli in studies of animal behavior. <i>Environmental Epigenetics</i> , 2017 , 63, 5-19	2.4	52
43	Computer animations of color markings reveal the function of visual threat signals in. <i>Environmental Epigenetics</i> , 2017 , 63, 45-54	2.4	21
42	Oil extraction imperils Africa's Great Lakes. <i>Science</i> , 2016 , 354, 561-562	33.3	4
41	Predation risk promotes delayed dispersal in the cooperatively breeding cichlid <i>Neolamprologus obscurus</i> . <i>Animal Behaviour</i> , 2016 , 117, 51-58	2.8	17
40	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, 4104-9	11.5	83
39	Correlated pay-offs are key to cooperation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371, 20150084	5.8	81
38	The evolution of cooperation based on direct fitness benefits. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371, 20150472	5.8	15
37	Quantification acuity in spontaneous shoaling decisions of three-spined sticklebacks. <i>Animal Cognition</i> , 2015 , 18, 1125-31	3.1	38
36	The relative importance of prey-borne and predator-borne chemical cues for inducible antipredator responses in tadpoles. <i>Oecologia</i> , 2015 , 179, 699-710	2.9	56
35	Social deprivation affects cooperative predator inspection in a cichlid fish. <i>Royal Society Open Science</i> , 2015 , 2, 140451	3.3	25
34	Kinship reinforces cooperative predator inspection in a cichlid fish. <i>Journal of Evolutionary Biology</i> , 2015 , 28, 2088-96	2.3	20

33	Visible Implant Elastomer tagging influences social preferences of zebrafish (<i>Danio rerio</i>). <i>Behaviour</i> , 2015 , 152, 1765-1777	1.4	9
32	Mirror, mirror on the wall: the predictive value of mirror tests for measuring aggression in fish. <i>Behavioral Ecology and Sociobiology</i> , 2014 , 68, 871-878	2.5	89
31	Context-dependent group size preferences in large shoals of three-spined sticklebacks. <i>Animal Behaviour</i> , 2014 , 90, 205-210	2.8	25
30	Animated images as a tool to study visual communication: a case study in a cooperatively breeding cichlid. <i>Behaviour</i> , 2014 , 151, 1921-1942	1.4	20
29	Eutrophication alters social preferences in three-spined sticklebacks (<i>Gasterosteus aculeatus</i>). <i>Behavioral Ecology and Sociobiology</i> , 2013 , 67, 293-299	2.5	24
28	Investigating the Effect of Familiarity on Kin Recognition of Three-Spined Stickleback (<i>Gasterosteus aculeatus</i>). <i>Ethology</i> , 2013 , 119, 531-539	1.7	13
27	Group size adjustment to ecological demand in a cooperative breeder. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20122772	4.4	31
26	Gravidity-Associated Shoaling Decisions in Three-Spined Sticklebacks (<i>Gasterosteus aculeatus</i>). <i>Ethology</i> , 2012 , 118, 1149-1156	1.7	4
25	Inbreeding in three-spined sticklebacks (<i>Gasterosteus aculeatus</i> L.): effects on testis and sperm traits. <i>Biological Journal of the Linnean Society</i> , 2012 , 107, 510-520	1.9	19
24	TINBERGEN'S LEGACY IN BEHAVIOUR: 60 YEARS OF LANDMARK STICKLEBACK PAPERS - Edited by F. A. von Hippel. <i>Journal of Fish Biology</i> , 2011 , 79, 310-311	1.9	
23	Costly plastic morphological responses to predator specific odour cues in three-spined sticklebacks (<i>Gasterosteus aculeatus</i>). <i>Evolutionary Ecology</i> , 2011 , 25, 641-656	1.8	45
22	To eat or not to eat: egg-based assessment of paternity triggers fine-tuned decisions about filial cannibalism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 2627-35	4.4	49
21	Kin recognition: an overview of conceptual issues, mechanisms and evolutionary theory 2010 , 55-85		67
20	Impact of olfactory non-host predator cues on aggregation behaviour and activity in <i>Polymorphus minutus</i> infected <i>Gammarus pulex</i> . <i>Hydrobiologia</i> , 2010 , 654, 137-145	2.4	12
19	New insights into the relationship between the h-index and self-citations?. <i>Journal of the Association for Information Science and Technology</i> , 2010 , 61, 1514-1516		4
18	Mate-choice copying when both sexes face high costs of reproduction. <i>Evolutionary Ecology</i> , 2009 , 23, 435-446	1.8	32
17	Nutritional benefits of filial cannibalism in three-spined sticklebacks (<i>Gasterosteus aculeatus</i>). <i>Die Naturwissenschaften</i> , 2009 , 96, 399-403	2	28
16	Disentangling the effects of group size and density on shoaling decisions of three-spined sticklebacks (<i>Gasterosteus aculeatus</i>). <i>Behavioral Ecology and Sociobiology</i> , 2009 , 63, 1141-1148	2.5	44

15	Cain and Abel reloaded? Kin recognition and male-male aggression in three-spined sticklebacks <i>Gasterosteus aculeatus</i> L. <i>Journal of Fish Biology</i> , 2009 , 75, 2154-62	1.9	13
14	Predator-inspection behaviour in female three-spined sticklebacks <i>Gasterosteus aculeatus</i> is associated with status of gravidity. <i>Journal of Fish Biology</i> , 2009 , 75, 2143-53	1.9	51
13	Double-blind peer review and gender publication bias. <i>Animal Behaviour</i> , 2008 , 76, e1-e2	2.8	14
12	Fish odour triggers conspecific attraction behaviour in an aquatic invertebrate. <i>Biology Letters</i> , 2008 , 4, 458-60	3.6	36
11	The h-index and self-citations. <i>Trends in Ecology and Evolution</i> , 2008 , 23, 250-2	10.9	96
10	Inbreeding depression affects fertilization success and survival but not breeding coloration in threespine sticklebacks. <i>Behaviour</i> , 2008 , 145, 425-441	1.4	32
9	Smells like sib spirit: kin recognition in three-spined sticklebacks (<i>Gasterosteus aculeatus</i>) is mediated by olfactory cues. <i>Animal Cognition</i> , 2008 , 11, 643-50	3.1	69
8	Nutritional state influences shoaling preference for familiars. <i>Zoology</i> , 2007 , 110, 369-76	1.7	41
7	The tale of the bad stepfather: male three-spined sticklebacks <i>Gasterosteus aculeatus</i> L. recognize foreign eggs in their manipulated nest by egg cues alone. <i>Journal of Fish Biology</i> , 2007 , 70, 1295-1301	1.9	27
6	Kin discrimination in sticklebacks is mediated by social learning rather than innate recognition. <i>Ethology</i> , 2007 , 113, 276-282	1.7	31
5	Infection with an acanthocephalan manipulates an amphipod's reaction to a fish predator's odours. <i>International Journal for Parasitology</i> , 2007 , 37, 61-5	4.3	63
4	Shoaling decisions in three-spined sticklebacks (<i>Gasterosteus aculeatus</i>) familiarity, kinship and inbreeding. <i>Behavioral Ecology and Sociobiology</i> , 2007 , 61, 533-539	2.5	45
3	Inbreeding avoidance through non-random mating in sticklebacks. <i>Biology Letters</i> , 2006 , 2, 232-5	3.6	60
2	Slow fertilization of stickleback eggs: the result of sexual conflict?. <i>BMC Ecology</i> , 2006 , 6, 7	2.7	16
1	Adult Three-Spined Sticklebacks Prefer to Shoal with Familiar Kin. <i>Behaviour</i> , 2004 , 141, 1401-1409	1.4	37