Gil G Rosenthal

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7344798/publications.pdf

Version: 2024-02-01

106 papers	5,019 citations	94433 37 h-index	114465 63 g-index
115 all docs	115 docs citations	115 times ranked	4276 citing authors

#	Article	IF	Citations
1	Sexual selection and the ascent of women: Mate choice research since Darwin. Science, 2022, 375, eabi6308.	12.6	38
2	Genomic insights into variation in thermotolerance between hybridizing swordtail fishes. Molecular Ecology, 2022, , .	3.9	6
3	Behavioral responses of wild animals to anthropogenic change: insights from domestication. Behavioral Ecology and Sociobiology, 2022, 76, .	1.4	4
4	Evolutionary novelty in communication between the sexes. Biology Letters, 2021, 17, 20200733.	2.3	15
5	The Genetic Architecture of Variation in the Sexually Selected Sword Ornament and Its Evolution in Hybrid Populations. Current Biology, 2021, 31, 923-935.e11.	3.9	21
6	A narrow window for geographic cline analysis using genomic data: Effects of age, drift, and migration on error rates. Molecular Ecology Resources, 2021, 21, 2278-2287.	4.8	6
7	Itâ€™s Not about Him: Mismeasuring â€˜Good Genesâ€™ in Sexual Selection. Trends in Ecology and Evolution, 2020, 35, 206-219.	8.7	37
8	Natural hybridization reveals incompatible alleles that cause melanoma in swordtail fish. Science, 2020, 368, 731-736.	12.6	86
9	Divergent neurogenomic responses shape social learning of both personality and mate preference. Journal of Experimental Biology, 2020, 223, .	1.7	13
10	The Use of Playbacks in Behavioral Experiments. , 2019, , 529-534.		1
11	Natural selection interacts with recombination to shape the evolution of hybrid genomes. Science, 2018, 360, 656-660.	12.6	314
12	How the manakin got its crown: A novel trait that is unlikely to cause speciation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4144-E4145.	7.1	8
13	What do we mean when we talk about hybrid speciation?. Heredity, 2018, 120, 379-382.	2.6	43
14	Phenotypic and genetic integration of personality and growth under competition in the sheepshead swordtail, Xiphophorus birchmanni. Evolution; International Journal of Organic Evolution, 2018, 72, 187-201.	2.3	15
15	Evaluation and hedonic value in mate choice. Environmental Epigenetics, 2018, 64, 485-492.	1.8	21
16	Reproductive Strategies: Eat Your Kids to Restart Your Sex Life. Current Biology, 2018, 28, R946-R948.	3.9	2
17	Early social learning triggers neurogenomic expression changes in a swordtail fish. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170701.	2.6	21
18	Assortative mating and persistent reproductive isolation in hybrids. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10936-10941.	7.1	77

#	Article	IF	Citations
19	Technical and conceptual considerations for using animated stimuli in studies of animal behavior. Environmental Epigenetics, 2017, 63, 5-19.	1.8	78
20	Digest: Mechanisms of assortative mating and ecological speciation*. Evolution; International Journal of Organic Evolution, 2017, 71, 185-186.	2.3	2
21	What artifice can and cannot tell us about animal behavior. Environmental Epigenetics, 2017, 63, 21-26.	1.8	18
22	Mutual Mate Choice. , 2017, , .		7
23	Repeated losses of PRDM9-directed recombination despite the conservation of PRDM9 across vertebrates. ELife, 2017, 6, .	6.0	115
24	Ancient hybridization and genomic stabilization in a swordtail fish. Molecular Ecology, 2016, 25, 2661-2679.	3.9	91
25	Mate Choice: Charting Desireâ€™s Tangled Bank. Current Biology, 2016, 26, R294-R296.	3.9	3
26	Sexâ€specific plasticity and genotypeÂÃ—Âsex interactions for age and size of maturity in the sheepshead swordtail, Xiphophorus birchmanni. Journal of Evolutionary Biology, 2016, 29, 645-656.	1.7	9
27	simMSG: an experimental design tool for highâ€throughput genotyping of hybrids. Molecular Ecology Resources, 2016, 16, 183-192.	4.8	8
28	Admixâ€™em: a flexible framework for forward-time simulations of hybrid populations with selection and mate choice. Bioinformatics, 2016, 32, 1103-1105.	4.1	11
29	anyFish 2.0: An open-source software platform to generate and share animated fish models to study behavior. SoftwareX, 2015, 3-4, 13-21.	2.6	17
30	Copulation rate declines with mating group size in dusky dolphins (Lagenorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	1.0	8
31	Boldness and predator evasion in naturally hybridizing swordtails (Teleostei: Xiphophorus). Environmental Epigenetics, 2015, 61, 596-603.	1.8	12
32	Multiple Mating and Reproductive Skew in Parental and Introgressed Females of the Live-Bearing Fish Xiphophorus Birchmanni. Journal of Heredity, 2015, 106, 57-66.	2.4	10
33	Reproductive Isolation of Hybrid Populations Driven by Genetic Incompatibilities. PLoS Genetics, 2015, 11, e1005041.	3.5	93
34	Seasonal Variation in Female Mate Choice and Operational Sex Ratio in Wild Populations of an Annual Fish, Austrolebias reicherti. PLoS ONE, 2014, 9, e101649.	2.5	41
35	Assortative Mating and the Maintenance of Population Structure in a Natural Hybrid Zone. American Naturalist, 2014, 184, 225-232.	2.1	26
36	HOW COMMON IS HOMOPLOID HYBRID SPECIATION?. Evolution; International Journal of Organic Evolution, 2014, 68, 1553-1560.	2.3	273

#	Article	IF	Citations
37	Genetic Variation and Covariation in Male Attractiveness and Female Mating Preferences in Drosophila melanogaster. G3: Genes, Genomes, Genetics, 2014, 4, 79-88.	1.8	14
38	Sexual Ornaments, Body Morphology, and Swimming Performance in Naturally Hybridizing Swordtails (Teleostei: Xiphophorus). PLoS ONE, 2014, 9, e109025.	2.5	12
39	How stable are personalities? A multivariate view of behavioural variation over long and short timescales in the sheepshead swordtail, Xiphophorus birchmanni. Behavioral Ecology and Sociobiology, 2014, 68, 791-803.	1.4	56
40	Risk-sensitive resource defense in a territorial reef fish. Environmental Biology of Fishes, 2014, 97, 813-819.	1.0	3
41	High-resolution mapping reveals hundreds of genetic incompatibilities in hybridizing fish species. ELife, 2014, 3, .	6.0	115
42	AN EVALUATION OF THE HYBRID SPECIATION HYPOTHESIS FORXIPHOPHORUS CLEMENCIAEBASED ON WHOLE GENOME SEQUENCES. Evolution; International Journal of Organic Evolution, 2013, 67, 1155-1168.	2.3	25
43	Female Annual Killifish Austrolebias reicherti (Cyprinodontiformes, Rivulidae) Attend to Male Chemical Cues. Ethology, 2013, 119, 891-897.	1.1	12
44	Causes and consequences of contest outcome: aggressiveness, dominance and growth in the sheepshead swordtail, Xiphophorus birchmanni. Behavioral Ecology and Sociobiology, 2013, 67, 1151-1161.	1.4	45
45	Population-level mating patterns and fluctuating asymmetry in swordtail hybrids. Die Naturwissenschaften, 2013, 100, 801-804.	1.6	5
46	Intra- and intersexual selection on male body size in the annual killifish Austrolebias charrua. Behavioural Processes, 2013, 96, 20-26.	1.1	38
47	Individual mating decisions and hybridization. Journal of Evolutionary Biology, 2013, 26, 252-255.	1.7	43
48	PHYLOGENOMICS REVEALS EXTENSIVE RETICULATE EVOLUTION INXIPHOPHORUSFISHES. Evolution; International Journal of Organic Evolution, 2013, 67, 2166-2179.	2.3	176
49	What is it like to be a peahen?. Environmental Epigenetics, 2013, 59, 180-183.	1.8	3
50	Mating preferences do not maintain the tailspot polymorphism in the platyfish, Xiphophorus variatus. Behavioral Ecology, 2013, 24, 1286-1291.	2.2	22
51	Male diet, female experience, and female size influence maternal investment in swordtails. Behavioral Ecology, 2013, 24, 691-697.	2.2	13
52	Opposite effects of learning cause asymmetric mate preferences in hybridizing species. Behavioral Ecology, 2012, 23, 1133-1139.	2.2	30
53	Canopy characteristics affect reproductive success of goldenâ€cheeked warblers. Wildlife Society Bulletin, 2012, 36, 54-60.	1.6	27
54	An Indirect Cue of Predation Risk Counteracts Female Preference for Conspecifics in a Naturally Hybridizing Fish Xiphophorus birchmanni. PLoS ONE, 2012, 7, e34802.	2.5	30

#	Article	IF	Citations
55	Maternal Size and Age Shape Offspring Size in a Live-Bearing Fish, Xiphophorus birchmanni. PLoS ONE, 2012, 7, e48473.	2.5	28
56	Physiological adaptation along environmental gradients and replicated hybrid zone structure in swordtails (Teleostei: Xiphophorus). Journal of Evolutionary Biology, 2012, 25, 1800-1814.	1.7	66
57	Environmental disturbance and animal communication. , 2012, , 16-31.		27
58	Encounter rates with conspecific males influence female mate choice in a naturally hybridizing fish. Behavioral Ecology, 2011, 22, 1234-1240.	2.2	65
59	Automated Interactive Video Playback for Studies of Animal Communication. Journal of Visualized Experiments, 2011, , .	0.3	14
60	Replicated hybrid zones of Xiphophorus swordtails along an elevational gradient. Molecular Ecology, 2011, 20, 342-356.	3.9	83
61	Effects of sensory modality on learned mate preferences in female swordtails. Animal Behaviour, 2011, 82, 557-562.	1.9	40
62	Growth and male ornamentation inXiphophorus montezumae. Marine and Freshwater Behaviour and Physiology, 2011, 44, 159-169.	0.9	0
63	Conflicting preferences within females: sexual selection versus species recognition. Biology Letters, 2011, 7, 525-527.	2.3	23
64	An indigenous religious ritual selects for resistance to a toxicant in a livebearing fish. Biology Letters, 2011, 7, 229-232.	2.3	8
65	Tactical Release of a Sexually-Selected Pheromone in a Swordtail Fish. PLoS ONE, 2011, 6, e16994.	2.5	38
66	Carotenoid-rich mouth colors influence the conspicuousness of nestling birds. Behavioral Ecology and Sociobiology, 2010, 64, 455-462.	1.4	23
67	Relative Abundance ofXiphophorusFishes and Its Effect on Sexual Communication. Ethology, 2010, 116, 32-38.	1.1	10
68	The shape of things to come: linking developmental plasticity to postâ€metamorphic morphology in anurans. Journal of Evolutionary Biology, 2010, 23, 1364-1373.	1.7	88
69	Reduced opsin gene expression in a cave-dwelling fish. Biology Letters, 2010, 6, 98-101.	2.3	31
70	Multivariate male traits misalign with multivariate female preferences in the swordtail fish, Xiphophorus birchmanni. Animal Behaviour, 2009, 78, 265-269.	1.9	48
71	A field-study of inducible molecular defenses, ultraviolet radiation, and melanomagenesis in natural Xiphophorus hybrids. Environmental Biology of Fishes, 2009, 86, 279-284.	1.0	3
72	Divergent patterns of selection on the DAB and DXB MHC class II loci in Xiphophorus fishes. Genetica, 2009, 135, 379-390.	1.1	8

#	Article	IF	Citations
73	Sex Recognition via Chemical Cues in the Sexâ€Roleâ€Reversed Gulf Pipefish (Syngnathus scovelli). Ethology, 2009, 115, 339-346.	1.1	17
74	Shoaling decisions in female swordtails: how do fish gauge group size?. Behaviour, 2007, 144, 1333-1346.	0.8	63
75	Spatiotemporal Dimensions of Visual Signals in Animal Communication. Annual Review of Ecology, Evolution, and Systematics, 2007, 38, 155-178.	8.3	65
76	Male swordtails court with an audience in mind. Biology Letters, 2007, 3, 5-7.	2.3	52
77	Humic Acid Interferes with Species Recognition in Zebrafish (Danio rerio). Journal of Chemical Ecology, 2007, 33, 2090-2096.	1.8	24
78	Female Disdain for Swords in a Swordtail Fish. American Naturalist, 2006, 167, 136-140.	2.1	81
79	Alteration of the chemical environment disrupts communication in a freshwater fish. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1187-1193.	2.6	187
80	Female swordtail fish use chemical cues to select well-fed mates. Animal Behaviour, 2006, 72, 721-725.	1.9	77
81	Hungry females show stronger mating preferences. Behavioral Ecology, 2006, 17, 979-981.	2.2	45
82	Sexual Behavior, Genes, and Evolution in Xiphophorus. Zebrafish, 2006, 3, 85-90.	1.1	15
83	Swordtail Fry Attend to Chemical and Visual Cues in Detecting Predators and Conspecifics. PLoS ONE, 2006, 1, e118.	2.5	11
84	Shoal Choice in Swordtails when Preferences Conflict. Ethology, 2005, 111, 179-186.	1.1	31
85	Assortative preferences for stripes in danios. Animal Behaviour, 2005, 70, 1063-1066.	1.9	112
86	Species recognition in the blackbordered damselfish Dascyllus marginatus (RÃ¼ppell): An evaluation of computer-animated playback techniques. Journal of Experimental Marine Biology and Ecology, 2005, 318, 111-118.	1.5	14
87	Response to perceived predation threat in fiddler crabs: trust thy neighbor as thyself?. Behavioral Ecology and Sociobiology, 2005, 58, 345-350.	1.4	29
88	Species recognition by male swordtails via chemical cues. Behavioral Ecology, 2005, 16, 818-822.	2.2	95
89	The vocal sac as a visual cue in anuran communication: an experimental analysis using video playback. Animal Behaviour, 2004, 68, 55-58.	1.9	134
90	Alternative splicing of major histocompatibility complex class II DXB transcripts in Xiphophorus fishes. Immunogenetics, 2004, 56, 462-6.	2.4	8

#	Article	IF	Citations
91	The role of sexual selection in maintaining a colour polymorphism in the pygmy swordtail, Xiphophorus pygmaeus. Animal Behaviour, 2003, 65, 735-743.	1.9	81
92	Dissolution of Sexual Signal Complexes in a Hybrid Zone between the Swordtails Xiphophorus birchmanni and Xiphophorus malinche (Poeciliidae). Copeia, 2003, 2003, 299-307.	1.3	54
93	Mate Choice in Zebrafish (Danio rerio) Analyzed With Video-Stimulus Techniques. Biological Bulletin, 2003, 205, 225-226.	1.8	48
94	A private ultraviolet channel in visual communication. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 897-904.	2.6	206
95	8. Variation and Selection in Swordtails. , 2002, , 133-148.		5
96	Secondary reduction of preference for the sword ornament in the pygmy swordtail Xiphophorus nigrensis (Pisces: Poeciliidae). Animal Behaviour, 2002, 63, 37-45.	1.9	63
97	Shared Preferences by Predators and Females for Male Ornaments in Swordtails. American Naturalist, 2001, 158, 146-154.	2.1	118
98	Visual and acoustic communication in non-human animals: a comparison. Journal of Biosciences, 2000, 25, 285-290.	1.1	35
99	Chase-Away Sexual Selection: Resistance to "Resistance". Evolution; International Journal of Organic Evolution, 1999, 53, 296.	2.3	25
100	Using Video Playback to Study Sexual Communication. Environmental Biology of Fishes, 1999, 56, 307-316.	1.0	53
101	CHASE-AWAY SEXUAL SELECTION: RESISTANCE TO â€œRESISTANCEâ€• Evolution; International Journal of Organic Evolution, 1999, 53, 296-299.	2.3	19
102	Female preference for swords in Xiphophorus helleri reflects a bias for large apparent size. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 4431-4436.	7.1	230
103	Patterns of evolution in human speech processing and animal communication. Behavioral and Brain Sciences, 1998, 21, 282-283.	0.7	0
104	Testing Video Playback to Lizards in the Field. Copeia, 1997, 1997, 421.	1.3	21
105	Female preference for dynamic traits in the green swordtail,Xiphophorus helleri. Animal Behaviour, 1996, 51, 811-820.	1.9	97
106	Symmetry without fear. Nature, 1994, 372, 134-135.	27.8	20