

Constantino MacÃ- as Garcia

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,144
citations

172457

29
h-index

175258

52
g-index

93
all docs

93
docs citations

93
times ranked

3387
citing authors

#	ARTICLE	IF	CITATIONS
1	What do we need to know about speciation?. Trends in Ecology and Evolution, 2012, 27, 27-39.	8.7	358
2	Evidence that sensory traps can evolve into honest signals. Nature, 2005, 434, 501-505.	27.8	158
3	Incorporation of cigarette butts into nests reduces nest ectoparasite load in urban birds: new ingredients for an old recipe?. Biology Letters, 2013, 9, 20120931.	2.3	154
4	A rapid rate of sex-chromosome turnover and non-random transitions in true frogs. Nature Communications, 2018, 9, 4088.	12.8	149
5	Experimental evidence for real-time song frequency shift in response to urban noise in a passerine bird. Biology Letters, 2011, 7, 36-38.	2.3	136
6	Sex differences in behaviour as an indirect consequence of mating system. Journal of Fish Biology, 2000, 57, 839-857.	1.6	120
7	Clonal polymorphism and high heterozygosity in the celibate genome of the Amazon molly. Nature Ecology and Evolution, 2018, 2, 669-679.	7.8	117
8	Birds living near airports advance their dawn chorus and reduce overlap with aircraft noise. Behavioral Ecology, 2015, 26, 435-443.	2.2	107
9	Molecular phylogeny of the livebearing Goodeidae (Cyprinodontiformes). Molecular Phylogenetics and Evolution, 2004, 30, 527-544.	2.7	106
10	Strategies of song adaptation to urban noise in the house finch: syllable pitch plasticity or differential syllable use?. Behaviour, 2009, 146, 1269-1286.	0.8	90
11	The learning advantage: bird species that learn their song show a tighter adjustment of song to noisy environments than those that do not learn. Journal of Evolutionary Biology, 2012, 25, 2171-2180.	1.7	74
12	Impact of introduced carp (Cyprinus carpio) in subtropical shallow ponds in Central Mexico. Hydrobiologia, 1998, 6, 281-288.	0.9	58
13	Dealing with urban noise: vermilion flycatchers sing longer songs in noisier territories. Behavioral Ecology and Sociobiology, 2013, 67, 145-152.	1.4	57
14	Ultraviolet-based female preferences in a viviparous fish. Behavioral Ecology and Sociobiology, 2002, 52, 1-6.	1.4	54
15	Heterospecific harassment of native endangered fishes by invasive guppies in Mexico. Biology Letters, 2008, 4, 149-152.	2.3	51
16	Does male-biased predation lead to male scarcity in viviparous fish?. Journal of Fish Biology, 1998, 53, 104-117.	1.6	48
17	Male quality and conspecific scent preferences in the house finch, <i>Carpodacus mexicanus</i> . Animal Behaviour, 2012, 84, 1483-1489.	1.9	47
18	Kleptoparasitic Behavior of the Magnificent Frigatebird: Sex Bias and Success. Condor, 1992, 94, 692-698.	1.6	46

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19	There is no such a thing as a free cigarette; lining nests with discarded butts brings short-term benefits, but causes toxic damage. <i>Journal of Evolutionary Biology</i> , 2014, 27, 2719-2726.	1.7	44
20	Cosmetic enhancement of signal coloration: experimental evidence in the house finch. <i>Behavioral Ecology</i> , 2010, 21, 781-787.	2.2	43
21	Sex and differentiation: population genetic divergence and sexual dimorphism in Mexican goodeid fish. <i>Journal of Evolutionary Biology</i> , 2007, 20, 2048-2055.	1.7	42
22	Correlational evidence of a sexually-selected handicap. <i>Behavioral Ecology and Sociobiology</i> , 1994, 35, 253-259.	1.4	39
23	Captive breeding promotes aggression in an endangered Mexican fish. <i>Biological Conservation</i> , 2006, 133, 169-177.	4.1	38
24	Bioaccumulation of Methyl Parathion and Its Toxicology in Several Species of the Freshwater Community in Ignacio Ramirez Dam in Mexico. <i>Ecotoxicology and Environmental Safety</i> , 1997, 38, 53-62.	6.0	37
25	The influence of rearing experience on the behaviour of an endangered Mexican fish, <i>Skiffia multipunctata</i> . <i>Biological Conservation</i> , 2005, 122, 223-230.	4.1	36
26	Exposure to pesticides impairs the expression of fish ornaments reducing the availability of attractive males. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1343-1351.	2.6	36
27	Long-term costs of using heavy shells in terrestrial hermit crabs (<i>Coenobita compressus</i>) and the limits of shell preference: an experimental study. <i>Journal of Zoology</i> , 2005, 266, 377-383.	1.7	34
28	The effects of familiarity and group size on mating preferences in the guppy, <i>Poecilia reticulata</i> . <i>Journal of Evolutionary Biology</i> , 2010, 23, 1772-1782.	1.7	33
29	Limitations of a Generalist: a Field Comparison of Foraging Snakes. <i>Behaviour</i> , 1989, 108, 23-42.	0.8	32
30	Patterns of speciation in endemic Mexican Goodeid fish: sexual conflict or early radiation?. <i>Journal of Evolutionary Biology</i> , 2005, 18, 922-929.	1.7	31
31	An experimental study of duet integration in the happy wren, <i>Pheugopedius felix</i> . <i>Animal Behaviour</i> , 2013, 86, 821-827.	1.9	31
32	Title is missing!. <i>Biodiversity and Conservation</i> , 2003, 12, 2043-2056.	2.6	30
33	Seasonal and Ontogenetic Variation in the Diet of the Mexican Garter Snake, <i>Thamnophis eques</i> , in Lake Tecocomulco, Hidalgo. <i>Journal of Herpetology</i> , 1988, 22, 129.	0.5	29
34	Amarillo Fish (<i>Girardinichthys multiradiatus</i>) Use Visual Landmarks to Orient in Space. <i>Ethology</i> , 2003, 109, 341-350.	1.1	29
35	Endogenous Functions and Expression of Cytochrome P450 Enzymes in Teleost Fish: A Review. <i>Reviews in Fisheries Science</i> , 2009, 17, 541-556.	2.1	29
36	Social Behavior and Operational Sex Ratios in the Viviparous Fish <i>Girardinichthys multiradiatus</i> . <i>Copeia</i> , 1994, 1994, 919.	1.3	28

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37	Anthropogenic Nest Materials May Increase Breeding Costs for Urban Birds. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	2.2	28
38	Variation in the song of a sub-oscine, the vermilion flycatcher. <i>Behaviour</i> , 2005, 142, 1115-1132.	0.8	26
39	An experimental demonstration that house finches add cigarette butts in response to ectoparasites. <i>Journal of Avian Biology</i> , 2017, 48, 1316-1321.	1.2	25
40	Predation risk is associated with the geographic variation of a sexually selected trait in a viviparous fish (<i>Xenotoca variata</i>). <i>Journal of Zoology</i> , 2004, 262, 265-270.	1.7	23
41	Phenotypic differentiation and pre-mating isolation between allopatric populations of <i>Girardinichthys multiradiatus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 301-307.	2.6	23
42	Responses of a sub-oscine bird during playback: Effects of different song variants and breeding period. <i>Behavioural Processes</i> , 2007, 74, 319-325.	1.1	22
43	Foraging costs drive female resistance to a sensory trap. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2262-2268.	2.6	22
44	Sperm Competition in a Viviparous Fish. <i>Environmental Biology of Fishes</i> , 2004, 70, 211-217.	1.0	21
45	Beyond the point of no return? A comparison of genetic diversity in captive and wild populations of two nearly extinct species of Goodeid fish reveals that one is inbred in the wild. <i>Heredity</i> , 2007, 98, 360-367.	2.6	21
46	A cost worth paying: energetically expensive interactions with males protect females from intrasexual aggression. <i>Behavioral Ecology and Sociobiology</i> , 2005, 59, 262-269.	1.4	20
47	Exotic invaders gain foraging benefits by shoaling with native fish. <i>Royal Society Open Science</i> , 2014, 1, 140101.	2.4	19
48	Female vibration discourages male courtship behaviour in the Amarillo fish (<i>Girardinichthys</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf_50 302 T</i>	1.1	15
49	Components of Visual Prey Recognition by the Mexican Aquatic Garter Snake <i><i>Thamnophis melanogaster</i></i> . <i>Ethology</i> , 1995, 101, 101-111.	1.1	14
50	Spatial and temporal variation in superfoetation and related life history traits of two viviparous fishes: <i>Poeciliopsis gracilis</i> and <i>P. infans</i> . <i>Die Naturwissenschaften</i> , 2014, 101, 1085-1098.	1.6	14
51	Evidence that the house finch (<i>Carpodacus mexicanus</i>) uses scent to avoid omnivore mammals. <i>Revista Chilena De Historia Natural</i> , 2015, 88, .	1.2	14
52	Mate choice and visibility in the expression of a sexually dimorphic trait in a goodeid fish (<i>Xenotoca</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	2.0	13
53	Guppy males distinguish between familiar and unfamiliar females of a distantly related species. <i>Animal Behaviour</i> , 2009, 78, 441-445.	1.9	13
54	Context-dependent sexual mimicry in the viviparous fish <i>Girardinichthys multiradiatus</i> . <i>Ethology Ecology and Evolution</i> , 2001, 13, 331-339.	1.4	12

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55	Variation in sexual dimorphism and assortative mating do not predict genetic divergence in the sexually dimorphic Goodeid fish <i>Girardinichthys multiradiatus</i> . <i>Environmental Epigenetics</i> , 2012, 58, 440-452.	1.8	12
56	Asymmetric paternal effect on offspring size linked to parentâ€™ofâ€™origin expression of an insulinâ€™like growth factor. <i>Ecology and Evolution</i> , 2017, 7, 4465-4474.	1.9	12
57	The role of introduced species in the decline of a highly endemic fish fauna in Central Mexico. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1384-1395.	2.0	12
58	An Interactive Playback Experiment Shows Song Bout Size Discrimination in the Suboscine Vermilion Flycatcher (<i>Pyrocephalus rubinus</i>). <i>Ethology</i> , 2011, 117, 1120-1127.	1.1	11
59	Limited options for native goodeid fish simultaneously confronted to climate change and biological invasions. <i>Biological Invasions</i> , 2015, 17, 245-256.	2.4	11
60	Congenital responsiveness of garter snakes to a dangerous prey abolished by learning. <i>Animal Behaviour</i> , 1995, 49, 891-900.	1.9	10
61	Threatened Fishes of the World: <i>Zoogoneticus tequila</i> Webb & Miller 1998 (Goodeidae). <i>Environmental Biology of Fishes</i> , 2003, 68, 14-14.	1.0	10
62	Comparison of genetic diversity at microsatellite loci in near-extinct and non-endangered species of Mexican goodeine fishes and prediction of cross-amplification within the family. <i>Journal of Fish Biology</i> , 2007, 70, 16-32.	1.6	10
63	Effects of methyl parathion exposure on development and reproduction in the viviparous fish <i>Girardinichthys multiradiatus</i> . <i>Environmental Toxicology</i> , 2009, 24, 178-186.	4.0	10
64	Female responsiveness underlies the evolution of geographic variation in male courtship between allopatric populations of the fish <i>Girardinichthys multiradiatus</i> . <i>Evolutionary Ecology</i> , 2011, 25, 831-843.	1.2	10
65	Pre- and post-experimental manipulation assessments confirm the increase in number of birds due to the addition of nest boxes. <i>PeerJ</i> , 2016, 4, e1806.	2.0	10
66	Songbird community structure changes with noise in an urban reserve. <i>Journal of Urban Ecology</i> , 2018, 4, .	1.5	9
67	Genome biology of the darkedged splitfin, <i>Girardinichthys multiradiatus</i> , and the evolution of sex chromosomes and placentation. <i>Genome Research</i> , 2022, 32, 583-594.	5.5	9
68	Feeding Ecology of <i>Nerodia rhombifera</i> in a Veracruz Swamp. <i>Journal of Herpetology</i> , 1991, 25, 499.	0.5	8
69	Sexual Conflict and Sexual Selection in the Goodeinae, a Clade of Viviparous Fish with Effective Female Mate Choice. <i>Advances in the Study of Behavior</i> , 2010, 42, 1-54.	1.6	8
70	Females of a polymorphic seabird dislike foreign-looking males. <i>Animal Behaviour</i> , 2016, 113, 31-38.	1.9	8
71	Do male fish prefer them big and colourful? Non-random male courtship effort in a viviparous fish with negligible paternal investment. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	1.4	8
72	Flight Display Song of the Vermilion Flycatcher. <i>The Wilson Bulletin</i> , 2004, 116, 360-362.	0.5	7

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73	Intra-specific brood parasitism revealed by DNA micro-satellite analyses in a sub-oscine bird, the vermilion flycatcher. <i>Revista Chilena De Historia Natural</i> , 2008, 81, .	1.2	7
74	Variation in the Diet of the Mexican Black-bellied Gartersnake <i>Thamnophis melanogaster</i> : Importance of Prey Availability and Snake Body Size. <i>Journal of Herpetology</i> , 2013, 47, 413-420.	0.5	7
75	Congenital predispositions and early social experience determine the courtship patterns of males of the Amarillo fish. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 639-648.	1.4	7
76	Mode of Reproduction, Mate Choice, and Species Richness in Goodeid Fish. , 2014, , 253-288.		6
77	Geographic variation in the advertisement calls of <i>Hyla eximia</i> and its possible explanations. <i>PeerJ</i> , 2014, 2, e420.	2.0	6
78	Population Differences in Fish-Capturing Ability of the Mexican Aquatic Garter Snake (<i>Thamnophis</i>)	0.5	5
79	Females of a viviparous fish (<i>Skiffia multipunctata</i>) reject males with black colouration. <i>Journal of Ethology</i> , 2010, 28, 165-170.	0.8	4
80	Morphological convergence in a Mexican garter snake associated with the ingestion of a novel prey. <i>Ecology and Evolution</i> , 2017, 7, 7178-7186.	1.9	4
81	Sex differences in behaviour as an indirect consequence of mating system. <i>Journal of Fish Biology</i> , 2000, 57, 839-857.	1.6	4
82	Evolution of Species: Explosive speciation in a cricket. <i>Heredity</i> , 2005, 95, 5-6.	2.6	3
83	Weight difference threshold during shell selection relates to growth rate in the semi-terrestrial hermit crab <i>Coenobita compressus</i> . <i>Behaviour</i> , 2009, 146, 1601-1614.	0.8	3
84	Sexually selected sexual selection: Can evolutionary retribution explain female ornamental colour?. <i>Journal of Evolutionary Biology</i> , 2019, 32, 833-843.	1.7	3
85	Conflict and the evolution of viviparity in vertebrates. <i>Behavioral Ecology and Sociobiology</i> , 2022, 76, .	1.4	3
86	The Use of Frozen Fish to Test Chemoreceptive Preferences of Garter Snakes. <i>Copeia</i> , 1988, 1988, 785.	1.3	2
87	Methyl parathion impact on water, sediments and benthic macroinvertebrates from the Ignacio Ramirez dam, Mexico. <i>Toxicological and Environmental Chemistry</i> , 1999, 71, 81-93.	1.2	2
88	Congenital feeding response to a novel prey in a Mexican gartersnake. <i>PeerJ</i> , 2020, 8, e8718.	2.0	1
89	Las telarañas, insospechadamente importantes en la construcción de nidos, al entorpecer el movimiento de los ectoparásitos. <i>Ecosistemas</i> , 2022, 31, 2180.	0.4	0
90	Does male-biased predation lead to male scarcity in viviparous fish?. <i>Journal of Fish Biology</i> , 1998, 53, 104-117.	1.6	0