

# Marco Dadda

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

2,486  
citations

186265

28  
h-index

206112

48  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Do fish count? Spontaneous discrimination of quantity in female mosquitofish. <i>Animal Cognition</i> , 2008, 11, 495-503.	1.8	250
2	Does brain asymmetry allow efficient performance of simultaneous tasks?. <i>Animal Behaviour</i> , 2006, 72, 523-529.	1.9	144
3	Use of Number by Fish. <i>PLoS ONE</i> , 2009, 4, e4786.	2.5	123
4	Quantity discrimination in female mosquitofish. <i>Animal Cognition</i> , 2006, 10, 63-70.	1.8	117
5	Behavioural asymmetry affects escape performance in a teleost fish. <i>Biology Letters</i> , 2010, 6, 414-417.	2.3	103
6	Early differences in epithalamic leftâ€”right asymmetry influence lateralization and personality of adult zebrafish. <i>Behavioural Brain Research</i> , 2010, 206, 208-215.	2.2	92
7	Enhanced schooling performance in lateralized fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1677-1681.	2.6	89
8	Spontaneous number representation in mosquitofish. <i>Cognition</i> , 2009, 112, 343-348.	2.2	85
9	Male sexual harassment and female schooling behaviour in the eastern mosquitofish. <i>Animal Behaviour</i> , 2005, 70, 463-471.	1.9	79
10	Lateralized fish perform better than nonlateralized fish in spatial reorientation tasks. <i>Behavioural Brain Research</i> , 2005, 163, 122-127.	2.2	77
11	Copulation duration, insemination efficiency and male attractiveness in guppies. <i>Animal Behaviour</i> , 2007, 74, 321-328.	1.9	77
12	Development and testing of a rapid method for measuring shoal size discrimination. <i>Animal Cognition</i> , 2017, 20, 149-157.	1.8	69
13	Lateralized female topminnows can forage and attend to a harassing male simultaneously. <i>Behavioral Ecology</i> , 2006, 17, 358-363.	2.2	65
14	The costs of hemispheric specialization in a fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 4399-4407.	2.6	65
15	Assessing memory in zebrafish using the one-trial test. <i>Behavioural Processes</i> , 2014, 106, 1-4.	1.1	58
16	Temporal pattern of social aggregation in tadpoles and its influence on the measurement of lateralised response to social stimuli. <i>Physiology and Behavior</i> , 2003, 78, 337-341.	2.1	57
17	Do Fish Perceive Illusory Motion?. <i>Scientific Reports</i> , 2014, 4, 6443.	3.3	53
18	Laterality enhances numerical skills in the guppy, <i>Poecilia reticulata</i> . <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 285.	2.0	52

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19	Sexual Harassment Influences Group Choice in Female Mosquitofish. <i>Ethology</i> , 2006, 112, 592-598.	1.1	51
20	Development and application of a new method to investigate cognition in newborn guppies. <i>Behavioural Brain Research</i> , 2012, 233, 443-449.	2.2	50
21	Discrimination of the larger shoal in the poeciliid fish <i>Girardinus falcatus</i> . <i>Ethology Ecology and Evolution</i> , 2007, 19, 145-157.	1.4	45
22	Further evidence of an association between handedness and neuroanatomical asymmetries in the primary motor cortex of chimpanzees ( <i>Pan troglodytes</i> ). <i>Neuropsychologia</i> , 2006, 44, 2582-2586.	1.6	44
23	Sex Differences in Discrimination of Shoal Size in the Guppy ( <i>Poecilia reticulata</i> ). <i>Ethology</i> , 2016, 122, 481-491.	1.1	44
24	Choice of Female Groups by Male Mosquitofish ( <i>Gambusia holbrooki</i> ). <i>Ethology</i> , 2008, 114, 479-488.	1.1	43
25	Guppies Show Behavioural but Not Cognitive Sex Differences in a Novel Object Recognition Test. <i>PLoS ONE</i> , 2016, 11, e0156589.	2.5	40
26	A new training procedure for studying discrimination learning in fish. <i>Behavioural Brain Research</i> , 2012, 230, 343-348.	2.2	39
27	Further evidence for mirror-reversed laterality in lines of fish selected for leftward or rightward turning when facing a predator model. <i>Behavioural Brain Research</i> , 2005, 156, 165-171.	2.2	36
28	Artificial selection on laterality in the teleost fish <i>Girardinus falcatus</i> . <i>Behavioural Brain Research</i> , 2007, 178, 29-38.	2.2	28
29	Experimental setting affects the performance of guppies in a numerical discrimination task. <i>Animal Cognition</i> , 2017, 20, 187-198.	1.8	28
30	Prenatal light exposure affects development of behavioural lateralization in a livebearing fish. <i>Behavioural Processes</i> , 2012, 91, 115-118.	1.1	26
31	Personality and Cognition: Sociability Negatively Predicts Shoal Size Discrimination Performance in Guppies. <i>Frontiers in Psychology</i> , 2017, 8, 1118.	2.1	26
32	Individual guppies differ in quantity discrimination performance across antipredator and foraging contexts. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	1.4	22
33	Emotional responsiveness in fish from lines artificially selected for a high or low degree of laterality. <i>Physiology and Behavior</i> , 2007, 92, 764-772.	2.1	20
34	Guppies, <i>Poecilia reticulata</i> , perceive a reversed Delboeuf illusion. <i>Animal Cognition</i> , 2019, 22, 291-303.	1.8	20
35	Illusory patterns are fishy for fish, too. <i>Frontiers in Neural Circuits</i> , 2013, 7, 137.	2.8	18
36	Innate responses to male sexual harassment in female mosquitofish. <i>Behavioral Ecology and Sociobiology</i> , 2008, 63, 53-62.	1.4	17

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37	Female social response to male sexual harassment in poeciliid fish: a comparison of six species. <i>Frontiers in Psychology</i> , 2015, 6, 1453.	2.1	17
38	Lateralization correlates with individual differences in inhibitory control in zebrafish. <i>Biology Letters</i> , 2020, 16, 20200296.	2.3	17
39	The devil is in the detail: Zebrafish learn to discriminate visual stimuli only if salient. <i>Behavioural Processes</i> , 2020, 179, 104215.	1.1	16
40	Individual differences in numerical skills are influenced by brain lateralization in guppies ( <i>Poecilia</i> ). <i>Journal of Experimental Biology</i> , 2010, 223, 1039-1047.	3.0	15
41	A review and consideration on the kinematics of reach-to-grasp movements in macaque monkeys. <i>Journal of Neurophysiology</i> , 2019, 121, 188-204.	1.8	15
42	Stimulus characteristics, learning bias and visual discrimination in zebrafish ( <i>Danio rerio</i> ). <i>Behavioural Processes</i> , 2021, 192, 104499.	1.1	15
43	Lateralization of Aggression during Reproduction in Male Siamese Fighting Fish. <i>Ethology</i> , 2015, 121, 1039-1047.	1.1	14
44	Sex differences in asymmetry of the planum parietale in chimpanzees ( <i>Pan troglodytes</i> ). <i>Behavioural Brain Research</i> , 2007, 184, 185-191.	2.2	13
45	Individual-level consistency of different laterality measures in the goldbelly topminnow. <i>Behavioral Neuroscience</i> , 2012, 126, 845-849.	1.2	13
46	Escape behaviour elicited by a visual stimulus. A comparison between lateralised and non-lateralised female topminnows. <i>Laterality</i> , 2009, 14, 300-314.	1.0	11
47	The Impact of Brain Lateralization and Anxiety-Like Behaviour in an Extensive Operant Conditioning Task in Zebrafish ( <i>Danio rerio</i> ). <i>Symmetry</i> , 2019, 11, 1395.	2.2	11
48	The role of visual and olfactory cues in social decisions of guppies and zebrafish. <i>Animal Behaviour</i> , 2021, 180, 209-217.	1.9	11
49	Early visual experience influences behavioral lateralization in the guppy. <i>Animal Cognition</i> , 2016, 19, 949-958.	1.8	10
50	Isolation and Genetic Characterization of Mother-of-Snow-White, a Maternal Effect Allele Affecting Laterality and Lateralized Behaviors in Zebrafish. <i>PLoS ONE</i> , 2011, 6, e25972.	2.5	9
51	Automated Operant Conditioning Devices for Fish. Do They Work?. <i>Animals</i> , 2021, 11, 1397.	2.3	7
52	Environmental enrichment decreases anxiety-like behavior in zebrafish larvae. <i>Developmental Psychobiology</i> , 2022, 64, e22255.	1.6	7
53	Does Brain Lateralization Affect the Performance in Binary Choice Tasks? A Study in the Animal Model <i>Danio rerio</i> . <i>Symmetry</i> , 2020, 12, 1294.	2.2	6
54	Vegetation cover induces developmental plasticity of lateralization in tadpoles. <i>Environmental Epigenetics</i> , 2020, 66, 393-399.	1.8	6

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55	Social aggregation and lateralised response to social stimuli in tadpoles ( <i>Bufo bufo</i> ): Influence of developmental stage. <i>Laterality</i> , 2005, 10, 345-352.	1.0	4
56	Susceptibility to Size Visual Illusions in a Non-Primate Mammal ( <i>Equus caballus</i> ). <i>Animals</i> , 2020, 10, 1673.	2.3	4
57	Forest before the trees in the aquatic world: global and local processing in teleost fishes. <i>PeerJ</i> , 2020, 8, e9871.	2.0	4
58	Effects of environmental enrichment on recognition memory in zebrafish larvae. <i>Applied Animal Behaviour Science</i> , 2022, 247, 105552.	1.9	4
59	Searching for the Critical p of Macphail's Null Hypothesis: The Contribution of Numerical Abilities of Fish. <i>Frontiers in Psychology</i> , 2020, 11, 55.	2.1	2
60	Learning and visual discrimination in newly hatched zebrafish. <i>IScience</i> , 2022, 25, 104283.	4.1	2
61	Prenatal Visual Exposure to a Predator Influences Lateralization in Goldbelly Topminnows. <i>Symmetry</i> , 2020, 12, 1257.	2.2	1
62	Are cerebral and behavioural lateralization related to anxiety-like traits in the animal model zebrafish ( <i>Danio rerio</i> )?. <i>Laterality</i> , 2021, 26, 144-162.	1.0	0