

Redouan Bshary

List of Publications by Year in descending order

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194
papers

9,252
citations

41258

49
h-index

53109

85
g-index

232
all docs

232
docs citations

232
times ranked

4588
citing authors

#	ARTICLE	IF	CITATIONS
1	Image scoring and cooperation in a cleaner fish mutualism. <i>Nature</i> , 2006, 441, 975-978.	13.7	373
2	Choosy reef fish select cleaner fish that provide high-quality service. <i>Animal Behaviour</i> , 2002, 63, 557-564.	0.8	254
3	Punishment and partner switching cause cooperative behaviour in a cleaning mutualism. <i>Biology Letters</i> , 2005, 1, 396-399.	1.0	250
4	Punishment and cooperation in nature. <i>Trends in Ecology and Evolution</i> , 2012, 27, 288-295.	4.2	244
5	Asymmetric cheating opportunities and partner control in a cleaner fish mutualism. <i>Animal Behaviour</i> , 2002, 63, 547-555.	0.8	230
6	Fish cognition: a primate's eye view. <i>Animal Cognition</i> , 2002, 5, 1-13.	0.9	227
7	The Predator Deterrence Function of Primate Alarm Calls. <i>Ethology</i> , 1999, 105, 477-490.	0.5	217
8	Selective attention to philopatric models causes directed social learning in wild vervet monkeys. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2105-2111.	1.2	215
9	Integrating cooperative breeding into theoretical concepts of cooperation. <i>Behavioural Processes</i> , 2007, 76, 61-72.	0.5	197
10	Interspecific Communicative and Coordinated Hunting between Groupers and Giant Moray Eels in the Red Sea. <i>PLoS Biology</i> , 2006, 4, e431.	2.6	191
11	Distinguishing four fundamental approaches to the evolution of helping. <i>Journal of Evolutionary Biology</i> , 2008, 21, 405-420.	0.8	169
12	Cleaner wrasse prefer client mucus: support for partner control mechanisms in cleaning interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, S242-4.	1.2	161
13	The interplay of cognition and cooperation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2699-2710.	1.8	149
14	Cognitive abilities related to tool use in the woodpecker finch, <i>Cactospiza pallida</i> . <i>Animal Behaviour</i> , 2004, 67, 689-697.	0.8	143
15	Cleaner fish <i>Labroides dimidiatus</i> manipulate client reef fish by providing tactile stimulation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 1495-1501.	1.2	140
16	Biting cleaner fish use altruism to deceive image-scoring client reef fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2087-2093.	1.2	138
17	Hormonal mechanisms of cooperative behaviour. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2737-2750.	1.8	135
18	The formation of red colobus diana monkey associations under predation pressure from chimpanzees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 253-259.	1.2	134

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19	Referential gestures in fish collaborative hunting. <i>Nature Communications</i> , 2013, 4, 1765.	5.8	132
20	Tactile stimulation lowers stress in fish. <i>Nature Communications</i> , 2011, 2, 534.	5.8	128
21	Cheaters must prosper: reconciling theoretical and empirical perspectives on cheating in mutualism. <i>Ecology Letters</i> , 2015, 18, 1270-1284.	3.0	126
22	Social cognition in fishes. <i>Trends in Cognitive Sciences</i> , 2014, 18, 465-471.	4.0	123
23	Pairs of cooperating cleaner fish provide better service quality than singletons. <i>Nature</i> , 2008, 455, 964-966.	13.7	119
24	Punishers Benefit From Third-Party Punishment in Fish. <i>Science</i> , 2010, 327, 171-171.	6.0	113
25	Cleaner Wrasses <i>Labroides dimidiatus</i> Are More Cooperative in the Presence of an Audience. <i>Current Biology</i> , 2011, 21, 1140-1144.	1.8	113
26	Red colobus and Diana monkeys provide mutual protection against predators. <i>Animal Behaviour</i> , 1997, 54, 1461-1474.	0.8	110
27	The reputation of punishers. <i>Trends in Ecology and Evolution</i> , 2015, 30, 98-103.	4.2	106
28	Adult Cleaner Wrasse Outperform Capuchin Monkeys, Chimpanzees and Orang-utans in a Complex Foraging Task Derived from Cleaner " Client Reef Fish Cooperation. <i>PLoS ONE</i> , 2012, 7, e49068.	1.1	104
29	Experimental evidence that partner choice is a driving force in the payoff distribution among cooperators or mutualists: the cleaner fish case. <i>Ecology Letters</i> , 2002, 5, 130-136.	3.0	103
30	From parasitism to mutualism: partner control in asymmetric interactions. <i>Ecology Letters</i> , 2002, 5, 634-639.	3.0	100
31	The cleaner wrasse, <i>Labroides dimidiatus</i> , is a key organism for reef fish diversity at Ras Mohammed National Park, Egypt. <i>Journal of Animal Ecology</i> , 2003, 72, 169-176.	1.3	92
32	Fish cognition. <i>Current Biology</i> , 2014, 24, R947-R950.	1.8	87
33	Wild Vervet Monkeys Trade Tolerance and Specific Coalitionary Support for Grooming in Experimentally Induced Conflicts. <i>Current Biology</i> , 2015, 25, 3011-3016.	1.8	83
34	The cleaner fish market. , 2001, , 146-172.		79
35	Fish choose appropriately when and with whom to collaborate. <i>Current Biology</i> , 2014, 24, R791-R793.	1.8	78
36	Bacterial farming by the fungus <i>Morchella crassipes</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132242.	1.2	75

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37	The sweetest thingAdvances in nectar research. <i>Current Opinion in Plant Biology</i> , 2009, 12, 486-490.	3.5	74
38	Wild vervet monkey infants acquire the food-processing variants of their mothers. <i>Animal Behaviour</i> , 2014, 90, 41-45.	0.8	69
39	Third-party punishers are rewarded, but third-party helpers even more so. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 993-1003.	1.1	64
40	Similarity in Food Cleaning Techniques within Matrilineal Wild Vervet Monkeys. <i>PLoS ONE</i> , 2012, 7, e35694.	1.1	63
41	A positive effect of flowers rather than eye images in a large-scale, cross-cultural dictator game. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3556-3564.	1.2	63
42	Game Structures in Mutualistic Interactions: What Can the Evidence Tell Us About the Kind of Models We Need?. <i>Advances in the Study of Behavior</i> , 2004, 34, 59-101.	1.0	61
43	Cooperation and deception: from evolution to mechanisms. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2593-2598.	1.8	58
44	Title is missing!. <i>International Journal of Primatology</i> , 2002, 23, 311-325.	0.9	57
45	Evolution of spite through indirect reciprocity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1917-1922.	1.2	57
46	Gains of Bacterial Flagellar Motility in a Fungal World. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6862-6867.	1.4	57
47	Hawkmoth Pollinators Decrease Seed Set of a Low-Nectar <i>Petunia axillaris</i> Line through Reduced Probing Time. <i>Current Biology</i> , 2012, 22, 1635-1639.	1.8	56
48	A decrease in the abundance and strategic sophistication of cleaner fish after environmental perturbations. <i>Global Change Biology</i> , 2018, 24, 481-489.	4.2	55
49	Does access to the bluestreak cleaner wrasse <i>Labroides dimidiatus</i> affect indicators of stress and health in resident reef fishes in the Red Sea?. <i>Hormones and Behavior</i> , 2011, 59, 151-158.	1.0	54
50	Female monkeys use both the carrot and the stick to promote male participation in intergroup fights. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161817.	1.2	54
51	The role of serotonin in the modulation of cooperative behavior. <i>Behavioral Ecology</i> , 2015, 26, 1005-1012.	1.0	53
52	Anti-predation behaviour of red colobus monkeys in the presence of chimpanzees. <i>Behavioral Ecology and Sociobiology</i> , 1997, 41, 321-333.	0.6	52
53	Contact with Human Facilities Appears to Enhance Technical Skills in Wild Vervet Monkeys (<i>Chlorocebus aethiops</i>). <i>Folia Primatologica</i> , 2011, 81, 282-291.	0.3	51
54	THE EVOLUTION OF PUNISHMENT IN n-PLAYER PUBLIC GOODS GAMES: A VOLUNTEER'S DILEMMA. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2725-2728.	1.1	51

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55	Do cleaning organisms reduce the stress response of client reef fish?. <i>Frontiers in Zoology</i> , 2007, 4, 21.	0.9	50
56	The Meaning of Jolts by Fish Clients of Cleaning Gobies. <i>Ethology</i> , 2008, 114, 209-214.	0.5	50
57	Cleaner fish, <i>Labroides dimidiatus</i> , diet preferences for different types of mucus and parasitic gnathiid isopods. <i>Animal Behaviour</i> , 2004, 68, 583-588.	0.8	49
58	Social-learning abilities of wild vervet monkeys in a two-step task artificial fruit experiment. <i>Animal Behaviour</i> , 2011, 81, 433-438.	0.8	49
59	Variation in Cleaner Wrasse Cooperation and Cognition: Influence of the Developmental Environment?. <i>Ethology</i> , 2014, 120, 519-531.	0.5	48
60	Cortisol mediates cleaner wrasse switch from cooperation to cheating and tactical deception. <i>Hormones and Behavior</i> , 2014, 66, 346-350.	1.0	48
61	Cooperation in animals: toward a game theory within the framework of social competence. <i>Current Opinion in Behavioral Sciences</i> , 2015, 3, 31-37.	2.0	46
62	Arginine Vasotocin Regulation of Interspecific Cooperative Behaviour in a Cleaner Fish. <i>PLoS ONE</i> , 2012, 7, e39583.	1.1	46
63	A General Scheme to Predict Partner Control Mechanisms in Pairwise Cooperative Interactions Between Unrelated Individuals. <i>Ethology</i> , 2011, 117, 271-283.	0.5	45
64	Punishment: one tool, many uses. <i>Evolutionary Human Sciences</i> , 2019, 1, .	0.9	43
65	Male cleaner wrasses adjust punishment of female partners according to the stakes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 365-370.	1.2	41
66	Diana monkeys, <i>Cercopithecus diana</i> , adjust their anti-predator response behaviour to human hunting strategies. <i>Behavioral Ecology and Sociobiology</i> , 2001, 50, 251-256.	0.6	40
67	Biological market effects predict cleaner fish strategic sophistication. <i>Behavioral Ecology</i> , 2019, 30, 1548-1557.	1.0	40
68	Why humans might help strangers. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 39.	1.0	39
69	Intergroup Variation of Social Relationships in Wild Vervet Monkeys: A Dynamic Network Approach. <i>Frontiers in Psychology</i> , 2016, 7, 915.	1.1	39
70	Effects of short-term exposure to ectoparasites on fish cortisol and hematocrit levels. <i>Marine Biology</i> , 2016, 163, 1.	0.7	39
71	The benefits of being seen to help others: indirect reciprocity and reputation-based partner choice. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200290.	1.8	39
72	Comparing species decisions in a dichotomous choice task: adjusting task parameters improves performance in monkeys. <i>Animal Cognition</i> , 2016, 19, 819-834.	0.9	38

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73	The influence of demographic variation on social network stability in wild vervet monkeys. <i>Animal Behaviour</i> , 2017, 134, 155-165.	0.8	36
74	Cleaner fish cause predators to reduce aggression toward bystanders at cleaning stations. <i>Behavioral Ecology</i> , 2008, 19, 1063-1067.	1.0	34
75	New Perspectives on Marine Cleaning Mutualism. , 2008, , 563-592.		34
76	Face Your Fears: Cleaning Gobies Inspect Predators despite Being Stressed by Them. <i>PLoS ONE</i> , 2012, 7, e39781.	1.1	34
77	Are cleaner fish, <i>Labroides dimidiatus</i> , inequity averse?. <i>Animal Behaviour</i> , 2012, 84, 665-674.	0.8	33
78	Ravens (<i>Corvus corax</i>) are indifferent to the gains of conspecific recipients or human partners in experimental tasks. <i>Animal Cognition</i> , 2013, 16, 35-43.	0.9	33
79	Further evidence for the capacity of mirror self-recognition in cleaner fish and the significance of ecologically relevant marks. <i>PLoS Biology</i> , 2022, 20, e3001529.	2.6	33
80	Dopamine disruption increases negotiation for cooperative interactions in a fish. <i>Scientific Reports</i> , 2016, 6, 20817.	1.6	32
81	The shadow of the future affects cooperation in a cleaner fish. <i>Current Biology</i> , 2010, 20, R472-R473.	1.8	31
82	Roving and Service Quality in the Cleaner Wrasse <i>Labroides bicolor</i> . <i>Ethology</i> , 2010, 116, 309-315.	0.5	31
83	Cleaner Wrasses Keep Track of the "When" and "What" in a Foraging Task. <i>Ethology</i> , 2011, 117, 939-948.		31
84	Brain morphology predicts social intelligence in wild cleaner fish. <i>Nature Communications</i> , 2020, 11, 6423.	5.8	31
85	Power Asymmetries and Punishment in a Prisoner's Dilemma with Variable Cooperative Investment. <i>PLoS ONE</i> , 2016, 11, e0155773.	1.1	31
86	Do cleaner fish learn to feed against their preference in a reverse reward contingency task?. <i>Animal Cognition</i> , 2010, 13, 41-49.	0.9	30
87	On Group Living and Collaborative Hunting in the Yellow Saddle Goatfish (<i>Parupeneus cyclostomus</i>)1. <i>Ethology</i> , 2011, 117, 961-969.	0.5	30
88	Factors influencing the different performance of fish and primates on a dichotomous choice task. <i>Animal Behaviour</i> , 2016, 119, 189-199.	0.8	29
89	On potential links between inequity aversion and the structure of interactions for the evolution of cooperation. <i>Behaviour</i> , 2016, 153, 1267-1292.	0.4	29
90	A Farewell to the Encephalization Quotient: A New Brain Size Measure for Comparative Primate Cognition. <i>Brain, Behavior and Evolution</i> , 2021, 96, 1-12.	0.9	29

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91	Caribbean Cleaning Gobies Prefer Client Ectoparasites Over Mucus. <i>Ethology</i> , 2010, 116, 1244-1248.	0.5	28
92	Intra- and interspecific aggression do not modulate androgen levels in dusky gregories, yet male aggression is reduced by an androgen blocker. <i>Hormones and Behavior</i> , 2013, 64, 430-438.	1.0	28
93	Cleaning wrasse species vary with respect to dependency on the mutualism and behavioural adaptations in interactions. <i>Animal Behaviour</i> , 2011, 82, 1067-1074.	0.8	27
94	Reputation management promotes strategic adjustment of service quality in cleaner wrasse. <i>Scientific Reports</i> , 2017, 7, 8425.	1.6	27
95	The Effect of Power Asymmetries on Cooperation and Punishment in a Prisoner's Dilemma Game. <i>PLoS ONE</i> , 2015, 10, e0117183.	1.1	27
96	Does cleanerfish service quality depend on client value or choice options?. <i>Animal Behaviour</i> , 2008, 76, 123-130.	0.8	26
97	Strategic adjustment of service quality to client identity in the cleaner shrimp, <i>Periclimenes longicarpus</i> . <i>Animal Behaviour</i> , 2009, 78, 455-459.	0.8	26
98	Arginine Vasotocin Neuronal Phenotype and Interspecific Cooperative Behaviour. <i>Brain, Behavior and Evolution</i> , 2013, 82, 166-176.	0.9	26
99	Generalized rule application in bluestreak cleaner wrasse (<i>Labroides dimidiatus</i>): using predator species as social tools to reduce punishment. <i>Animal Cognition</i> , 2016, 19, 769-778.	0.9	26
100	Cleaner wrasse indirectly affect the cognitive performance of a damselfish through ectoparasite removal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172447.	1.2	26
101	Self-Serving Punishment of a Common Enemy Creates a Public Good in Reef Fishes. <i>Current Biology</i> , 2010, 20, 2032-2035.	1.8	25
102	Power and temptation cause shifts between exploitation and cooperation in a cleaner wrasse mutualism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130553.	1.2	25
103	Arginine vasotocin reduces levels of cooperative behaviour in a cleaner fish. <i>Physiology and Behavior</i> , 2015, 139, 314-320.	1.0	25
104	Signalling by the cleaner shrimp <i>Periclimenes longicarpus</i> . <i>Animal Behaviour</i> , 2010, 79, 645-647.	0.8	24
105	The language of cooperation: shared intentionality drives variation in helping as a function of group membership. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171682.	1.2	24
106	Behavioural lateralization in a detour test is not repeatable in fishes. <i>Animal Behaviour</i> , 2020, 167, 55-64.	0.8	24
107	Does Competition for Clients Increase Service Quality in Cleaning Gobies?. <i>Ethology</i> , 2008, 114, 625-632.	0.5	23
108	Why mutual helping in most natural systems is neither conflict-free nor based on maximal conflict. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150091.	1.8	23

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109	Intra- and interspecific challenges modulate cortisol but not androgen levels in a year-round territorial damselfish. <i>Journal of Experimental Biology</i> , 2014, 217, 1768-74.	0.8	22
110	The past, present and future of cleaner fish cognitive performance as a function of CO ₂ levels. <i>Biology Letters</i> , 2019, 15, 20190618.	1.0	22
111	Reinforcement Learning Theory Reveals the Cognitive Requirements for Solving the Cleaner Fish Market Task. <i>American Naturalist</i> , 2020, 195, 664-677.	1.0	22
112	Third-Party Ranks Knowledge in Wild Vervet Monkeys (<i>Chlorocebus aethiops pygerythrus</i>). <i>PLoS ONE</i> , 2013, 8, e58562.	1.1	21
113	Long-term memory retention in a wild fish species <i>Labroides dimidiatus</i> eleven months after an aversive event. <i>Ethology</i> , 2020, 126, 372-376.	0.5	21
114	On the further integration of cooperative breeding and cooperation theory. <i>Behavioural Processes</i> , 2007, 76, 170-181.	0.5	20
115	Population densities predict forebrain size variation in the cleaner fish <i>Labroides dimidiatus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20192108.	1.2	20
116	The psychological foundations of reputation-based cooperation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200287.	1.8	20
117	Parasite distribution on client reef fish determines cleaner fish foraging patterns. <i>Marine Ecology - Progress Series</i> , 2002, 235, 217-222.	0.9	19
118	Serotonin blockade delays learning performance in a cooperative fish. <i>Animal Cognition</i> , 2016, 19, 1027-1030.	0.9	18
119	Male monkeys use punishment and coercion to de-escalate costly intergroup fights. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172323.	1.2	18
120	Reduced access to cleaner fish negatively impacts the physiological state of two resident reef fishes. <i>Marine Biology</i> , 2020, 167, 1.	0.7	18
121	Cooperation between unrelated individuals – a game theoretic approach. , 2010, , 213-240.		17
122	The cleaner wrasse outperforms other labrids in ecologically relevant contexts, but not in spatial discrimination. <i>Animal Behaviour</i> , 2016, 115, 145-155.	0.8	17
123	Coevolution between positive reciprocity, punishment, and partner switching in repeated interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160488.	1.2	17
124	Cleaner fish <i>Labroides dimidiatus</i> discriminate numbers but fail a mental number line test. <i>Animal Cognition</i> , 2018, 21, 99-107.	0.9	17
125	Pairs of cleaner fish prolong interaction duration with client reef fish by increasing service quality. <i>Behavioral Ecology</i> , 2015, 26, 350-358.	1.0	16
126	Helping in humans and other animals: a fruitful interdisciplinary dialogue. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170929.	1.2	16

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127	Juvenile cleaner fish can socially learn the consequences of cheating. <i>Nature Communications</i> , 2020, 11, 1159.	5.8	16
128	Reduction of Aggression Among Domestic Hens (<i>Gallus Domesticus</i>) in the Presence of a Dominant Third Party. <i>Behaviour</i> , 1994, 128, 311-324.	0.4	15
129	Cleaning in pairs enhances honesty in male cleaning gobies. <i>Behavioral Ecology</i> , 2009, 20, 1343-1347.	1.0	15
130	Differences in Diet Between Six Neighbouring Groups of Vervet Monkeys. <i>Ethology</i> , 2014, 120, 471-482.	0.5	15
131	Arginine vasotocin modulates associative learning in a mutualistic cleaner fish. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 1173-1181.	0.6	15
132	Fluctuations in coral reef fish densities after environmental disturbances on the northern Great Barrier Reef. <i>PeerJ</i> , 2019, 7, e6720.	0.9	15
133	Indo-Pacific parrotfish exert partner choice in interactions with cleanerfish but Caribbean parrotfish do not. <i>Animal Behaviour</i> , 2013, 86, 611-615.	0.8	14
134	Cue-based decision rules of cleaner fish in a biological market task. <i>Animal Behaviour</i> , 2019, 158, 249-260.	0.8	14
135	Effect of Organic Carbon and Nitrogen on the Interactions of <i>Morchella</i> spp. and Bacteria Dispersing on Their Mycelium. <i>Frontiers in Microbiology</i> , 2019, 10, 124.	1.5	14
136	Treatment with the glucocorticoid antagonist RU486 reduces cooperative cleaning visits of a common reef fish, the lined bristletooth. <i>Hormones and Behavior</i> , 2012, 61, 37-43.	1.0	13
137	Negotiations over Grooming in Wild Vervet Monkeys (<i>Chlorocebus pygerythrus</i>). <i>International Journal of Primatology</i> , 2013, 34, 1153-1171.	0.9	13
138	Short-Term Variation in the Level of Cooperation in the Cleaner Wrasse <i>Labroides dimidiatus</i> : Implications for the Role of Potential Stressors. <i>Ethology</i> , 2011, 117, 246-253.	0.5	12
139	Age/sex differences in third-party rank relationship knowledge in wild vervet monkeys, <i>Chlorocebus aethiops pygerythrus</i> . <i>Animal Behaviour</i> , 2015, 102, 277-284.	0.8	12
140	Simple decision rules underlie collaborative hunting in yellow saddle goatfish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172488.	1.2	12
141	Prosocial and antisocial choices in a monogamous cichlid with biparental care. <i>Nature Communications</i> , 2021, 12, 1775.	5.8	12
142	Expanding the concept of social behavior to interspecific interactions. <i>Ethology</i> , 2021, 127, 758-773.	0.5	12
143	Reproductive skew, fighting costs and winner-loser effects in social dominance evolution. <i>Journal of Animal Ecology</i> , 2022, 91, 1036-1046.	1.3	12
144	Mutualistic cleaner fish maintains high escape performance despite privileged relationship with predators. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162469.	1.2	11

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145	The impact of long-term reduced access to cleaner fish on health indicators of resident client fish. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	11
146	Male anti-predation services in primates as costly signalling? A comparative analysis and review. <i>Ethology</i> , 2022, 128, 1-14.	0.5	11
147	Cooperation in communication networks: indirect reciprocity in interactions between cleaner fish and client reef fish. , 2005, , 521-539.		10
148	Geographical variation in the benefits obtained by a coral reef fish mimic. <i>Animal Behaviour</i> , 2014, 88, 85-90.	0.8	10
149	Relative Brain and Brain Part Sizes Provide Only Limited Evidence that Machiavellian Behaviour in Cleaner Wrasse Is Cognitively Demanding. <i>PLoS ONE</i> , 2015, 10, e0135373.	1.1	10
150	The arginine-vasotocin and serotonergic systems affect interspecific social behaviour of client fish in marine cleaning mutualism. <i>Physiology and Behavior</i> , 2017, 174, 136-143.	1.0	10
151	Endogenous oxytocin predicts helping and conversation as a function of group membership. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180939.	1.2	10
152	Sex differences in the cognitive abilities of a sex-changing fish species <i>Labroides dimidiatus</i> . <i>Royal Society Open Science</i> , 2021, 8, 210239.	1.1	10
153	Temporal comparison and predictors of fish species abundance and richness on undisturbed coral reef patches. <i>PeerJ</i> , 2015, 3, e1459.	0.9	10
154	Drivers and outcomes of between-group conflict in vervet monkeys. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210145.	1.8	10
155	Fish ecology and cognition: insights from studies on wild and wild-caught teleost fishes. <i>Current Opinion in Behavioral Sciences</i> , 2022, 46, 101174.	2.0	10
156	Variable responses of hawkmoths to nectar-depleted plants in two native <i>Petunia axillaris</i> (Solanaceae) populations. <i>Arthropod-Plant Interactions</i> , 2011, 5, 141-148.	0.5	9
157	Does the presence of an odd individual affect group choice?. <i>Behavioral Ecology</i> , 2018, 29, 855-861.	1.0	9
158	Cleaner fish and other wrasse match primates in their ability to delay gratification. <i>Animal Behaviour</i> , 2021, 176, 125-143.	0.8	9
159	Cleaner fish are sensitive to what their partners can and cannot see. <i>Communications Biology</i> , 2021, 4, 1127.	2.0	9
160	Relative Brain Size and Cognitive Equivalence in Fishes. <i>Brain, Behavior and Evolution</i> , 2021, 96, 124-136.	0.9	9
161	Indirect reciprocity in asymmetric interactions: when apparent altruism facilitates profitable exploitation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 3175-3181.	1.2	8
162	The effect of innovation and sex-specific migration on neutral cultural differentiation. <i>Animal Behaviour</i> , 2011, 82, 101-112.	0.8	8

#	ARTICLE	IF	CITATIONS
163	Client fish traits underlying variation in service quality in a marine cleaning mutualism. <i>Animal Behaviour</i> , 2021, 175, 137-151.	0.8	8
164	Innate Adjustment of Visitation Behavior to Rewarding and Rewardâ€Minimized <i>P</i> etunia axillaris (<i>S</i> olanacea) Plants by Hawkmoth <i>M</i> anduca sexta (<i>S</i> phingidae). <i>Ethology</i> , 2012, 118, 654-661.	0.5	7
165	A reinforcement learning model for grooming up the hierarchy in primates. <i>Animal Behaviour</i> , 2018, 138, 165-185.	0.8	7
166	Testosterone causes pleiotropic effects on cleanerfish behaviour. <i>Scientific Reports</i> , 2019, 9, 15829.	1.6	7
167	Laboratory experiments reveal effects of group size on hunting performance in yellow saddle goatfish, <i>Parupeneus cyclostomus</i> . <i>Animal Behaviour</i> , 2020, 168, 159-167.	0.8	7
168	Factors affecting tolerance persistence after grooming interactions in wild female vervet monkeys, <i>Chlorocebus pygerythrus</i> . <i>Animal Behaviour</i> , 2021, 177, 135-145.	0.8	7
169	Vervet monkeys socialize more when time budget constraints are experimentally reduced. <i>Ethology</i> , 2021, 127, 682-696.	0.5	6
170	Wild female vervet monkeys change grooming patterns and partners when freed from feeding constraints. <i>Animal Behaviour</i> , 2021, 181, 117-136.	0.8	6
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172	Animal personalities: an empty placeholder feigning understanding: a comment on Beekman and Jordan. <i>Behavioral Ecology</i> , 2017, 28, 629-630.	1.0	5
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174	Comparative performance of orangutans (<i>Pongo</i> spp.), gorillas (<i>Gorilla gorilla gorilla</i>), and drills (<i>Troglodytes troglodytes</i>). <i>Open Access Journal of Psychology</i> , 2022, 10, 23212.	0.8	5
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176	The performance of cleaner wrasse, <i>Labroides dimidiatus</i> , in a reversal learning task varies across experimental paradigms. <i>PeerJ</i> , 2018, 6, e4745.	0.9	5
177	Male services during between-group conflict: the â€hired gunâ€™ hypothesis revisited. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210150.	1.8	5
178	Intra- and interspecific social challenges modulate the levels of an androgen precursor in a seasonally territorial tropical damselfish. <i>Hormones and Behavior</i> , 2015, 71, 75-82.	1.0	4
179	Spatial Group Structure as Potential Mechanism to Maintain Cooperation in Fish Shoals of Unrelated Individuals. <i>Ethology</i> , 2012, 118, 850-857.	0.5	3
180	No scope for social modulation of steroid levels in a yearâ€round territorial damselfish. <i>Journal of Experimental Zoology</i> , 2015, 323, 80-88.	1.2	3

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182	Social organization variation and behavioural flexibility in the facultative cleaning goby <i>Elacatinus prochilos</i> . <i>Animal Behaviour</i> , 2021, 174, 187-195.	0.8	3
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184	Modelling how cleaner fish approach an ephemeral reward task demonstrates a role for ecologically tuned chunking in the evolution of advanced cognition. <i>PLoS Biology</i> , 2022, 20, e3001519.	2.6	3
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