

# Fabio Cortesi

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,148  
citations

516710

16  
h-index

477307

29  
g-index

45  
all docs

45  
docs citations

45  
times ranked

978  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vision using multiple distinct rod opsins in deep-sea fishes. <i>Science</i> , 2019, 364, 588-592.	12.6	151
2	Ancestral duplications and highly dynamic opsin gene evolution in percomorph fishes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1493-1498.	7.1	129
3	Conspicuousness is correlated with toxicity in marine opisthobranchs. <i>Journal of Evolutionary Biology</i> , 2010, 23, 1509-1518.	1.7	82
4	Seeing the rainbow: mechanisms underlying spectral sensitivity in teleost fishes. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	72
5	Colours and colour vision in reef fishes: Past, present and future research directions. <i>Journal of Fish Biology</i> , 2019, 95, 5-38.	1.6	58
6	Pushing the limits of photoreception in twilight conditions: The rod-like cone retina of the deep-sea pearlsides. <i>Science Advances</i> , 2017, 3, eaao4709.	10.3	55
7	Depth-dependent plasticity in opsin gene expression varies between damselfish (Pomacentridae) species. <i>Molecular Ecology</i> , 2016, 25, 3645-3661.	3.9	53
8	The Visual Opsin Gene Repertoires of Teleost Fishes: Evolution, Ecology, and Function. <i>Annual Review of Cell and Developmental Biology</i> , 2021, 37, 441-468.	9.4	48
9	Phenotypic Plasticity Confers Multiple Fitness Benefits to a Mimic. <i>Current Biology</i> , 2015, 25, 949-954.	3.9	45
10	From crypsis to mimicry: changes in colour and the configuration of the visual system during ontogenetic habitat transitions in a coral reef fish. <i>Journal of Experimental Biology</i> , 2016, 219, 2545-58.	1.7	42
11	Why UV vision and red vision are important for damselfish (Pomacentridae): structural and expression variation in opsin genes. <i>Molecular Ecology</i> , 2017, 26, 1323-1342.	3.9	42
12	The exceptional diversity of visual adaptations in deep-sea teleost fishes. <i>Seminars in Cell and Developmental Biology</i> , 2020, 106, 20-30.	5.0	36
13	Visual system diversity in coral reef fishes. <i>Seminars in Cell and Developmental Biology</i> , 2020, 106, 31-42.	5.0	34
14	Conspicuous visual signals do not coevolve with increased body size in marine sea slugs. <i>Journal of Evolutionary Biology</i> , 2014, 27, 676-687.	1.7	32
15	A detailed investigation of the visual system and visual ecology of the Barrier Reef anemonefish, <i>Amphiprion akindynos</i> . <i>Scientific Reports</i> , 2019, 9, 16459.	3.3	27
16	Cardinalfishes (Apogonidae) show visual system adaptations typical of nocturnally and diurnally active fish. <i>Molecular Ecology</i> , 2019, 28, 3025-3041.	3.9	24
17	Variation of anal fin egg-spots along an environmental gradient in a haplochromine cichlid fish. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 766-777.	2.3	20
18	Visual system development of the spotted unicornfish, <i>Naso brevirostris</i> (Acanthuridae). <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	20

#	ARTICLE	IF	CITATIONS
19	Real-time social selection maintains honesty of a dynamic visual signal in cooperative fish. <i>Evolution Letters</i> , 2017, 1, 269-278.	3.3	19
20	A complex mode of aggressive mimicry in a scale-eating cichlid fish. <i>Biology Letters</i> , 2015, 11, 20150521.	2.3	18
21	Visual Gene Expression Reveals a Cone-to-rod Developmental Progression in Deep-Sea Fishes. <i>Molecular Biology and Evolution</i> , 2021, 38, 5664-5677.	8.9	15
22	Triggerfish uses chromaticity and lightness for object segregation. <i>Royal Society Open Science</i> , 2017, 4, 171440.	2.4	14
23	Microhabitat partitioning correlates with opsin gene expression in coral reef cardinalfishes (Apogonidae). <i>Functional Ecology</i> , 2020, 34, 1041-1052.	3.6	13
24	Molecular Evolution of Ultraviolet Visual Opsins and Spectral Tuning of Photoreceptors in Anemonefishes (Amphiprioninae). <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	13
25	The visual ecology of Holocentridae, a nocturnal coral reef fish family with a deep-sea-like multibank retina. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	12
26	CRISPR/Cas9-mediated generation of biallelic FO anemonefish ( <i>Amphiprion ocellaris</i> ) mutants. <i>PLoS ONE</i> , 2021, 16, e0261331.	2.5	10
27	Seeing Picasso: an investigation into the visual system of the triggerfish <i>Rhinecanthus aculeatus</i> . <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	8
28	A five-channel LED display to investigate UV perception. <i>Methods in Ecology and Evolution</i> , 2021, 12, 602-607.	5.2	6
29	Regulation, constraints and benefits of colour plasticity in a mimicry system. <i>Biological Journal of the Linnean Society</i> , 2017, 122, 385-393.	1.6	3