

N Justin Marshall

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

12,329
citations

22099

59
h-index

38300

95
g-index

223
all docs

223
docs citations

223
times ranked

8152
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative brain structure and visual processing in octopus from different habitats. <i>Current Biology</i> , 2022, 32, 97-110.e4.	1.8	26
2	Colour discrimination thresholds vary throughout colour space in a reef fish (<i>Rhinecanthus tjeddi</i>). <i>Overlook</i> , 2022, 10, 50-70.	0.8	11
3	Colour vision in stomatopod crustaceans: more questions than answers. <i>Journal of Experimental Biology</i> , 2022, 225, .	0.8	2
4	Seeing Picasso: an investigation into the visual system of the triggerfish <i>Rhinecanthus aculeatus</i> . <i>Journal of Experimental Biology</i> , 2022, 225, .	0.8	8
5	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, .	0.8	12
6	A five-channel LED display to investigate UV perception. <i>Methods in Ecology and Evolution</i> , 2021, 12, 602-607.	2.2	6
7	Thresholds of polarization vision in octopuses. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	8
8	Molecular Evolution of Ultraviolet Visual Opsins and Spectral Tuning of Photoreceptors in Anemonefishes (Amphiprioninae). <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	13
9	CRISPR/Cas9-mediated generation of biallelic FO anemonefish (<i>Amphiprion ocellaris</i>) mutants. <i>PLoS ONE</i> , 2021, 16, e0261331.	1.1	10
10	The reniform body: An integrative lateral protocerebral neuropil complex of Eumalacostraca identified in Stomatopoda and Brachyura. <i>Journal of Comparative Neurology</i> , 2020, 528, 1079-1094.	0.9	9
11	Quantitative Colour Pattern Analysis (QCPA): A comprehensive framework for the analysis of colour patterns in nature. <i>Methods in Ecology and Evolution</i> , 2020, 11, 316-332.	2.2	114
12	Underwater caustics disrupt prey detection by a reef fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192453.	1.2	9
13	Dynamic Courtship Signals and Mate Preferences in <i>Sepia plangon</i> . <i>Frontiers in Physiology</i> , 2020, 11, 845.	1.3	8
14	Does conspicuousness scale linearly with colour distance? A test using reef fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201456.	1.2	26
15	Lens eyes in protists. <i>Current Biology</i> , 2020, 30, R458-R459.	1.8	7
16	The exceptional diversity of visual adaptations in deep-sea teleost fishes. <i>Seminars in Cell and Developmental Biology</i> , 2020, 106, 20-30.	2.3	36
17	Visual system diversity in coral reef fishes. <i>Seminars in Cell and Developmental Biology</i> , 2020, 106, 31-42.	2.3	34
18	Microhabitat partitioning correlates with opsin gene expression in coral reef cardinalfishes (Apogonidae). <i>Functional Ecology</i> , 2020, 34, 1041-1052.	1.7	13

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19	Toward an MRI-Based Mesoscale Connectome of the Squid Brain. <i>IScience</i> , 2020, 23, 100816.	1.9	28
20	The astonishing diversity of vision: Introduction to an issue of <i>Vision Research</i> on animal vision. <i>Vision Research</i> , 2020, 172, 62-63.	0.7	0
21	Seeing the rainbow: mechanisms underlying spectral sensitivity in teleost fishes. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	72
22	Differences in signal contrast and camouflage among different colour variations of a stomatopod crustacean, <i>Neogonodactylus oerstedii</i> . <i>Scientific Reports</i> , 2020, 10, 1236.	1.6	4
23	More than noise: Context-dependant luminance contrast discrimination in a coral reef fish (<i>Rhinecanthus aculeatus</i>). <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	13
24	Color discrimination thresholds in a cichlid fish: <i>Metriaclima benetos</i> . <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	15
25	Vision using multiple distinct rod opsins in deep-sea fishes. <i>Science</i> , 2019, 364, 588-592.	6.0	151
26	Cardinalfishes (Apogonidae) show visual system adaptations typical of nocturnally and diurnally active fish. <i>Molecular Ecology</i> , 2019, 28, 3025-3041.	2.0	24
27	Polarisation signals: a new currency for communication. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	29
28	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
29	Visual system development of the spotted unicornfish, <i>Naso brevirostris</i> (Acanthuridae). <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	20
30	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.	1.6	27
31	Neuroethology Meets Brain, Behavior and Evolution: Promoting the Study of the Neural Basis of Behavior. <i>Brain, Behavior and Evolution</i> , 2019, 94, 5-6.	0.9	0
32	An Ishihara-style test of animal colour vision. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	33
33	Colours and colour vision in reef fishes: Past, present and future research directions. <i>Journal of Fish Biology</i> , 2019, 95, 5-38.	0.7	58
34	Underwater solar navigation using the in-water light field (Conference Presentation). , 2019, , .		0
35	Bioinspired polarization vision enables underwater geolocalization. <i>Science Advances</i> , 2018, 4, eaao6841.	4.7	95
36	Representation of the stomatopod's retinal midband in the optic lobes: Putative neural substrates for integrating chromatic, achromatic and polarization information. <i>Journal of Comparative Neurology</i> , 2018, 526, 1148-1165.	0.9	10

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37	Do not be distracted by pretty colors: a comment on Olsson et al.. Behavioral Ecology, 2018, 29, 286-287.	1.0	8
38	Morphological changes of the optic lobe from late embryonic to adult stages in oval squids <i>Sepioteuthis lessoniana</i> . Journal of Morphology, 2018, 279, 75-85.	0.6	12
39	Short term colour vision plasticity on the reef: Changes in opsin expression under varying light conditions differ between ecologically distinct reef fish species. Journal of Experimental Biology, 2018, 221, .	0.8	26
40	Toxicity and taste: unequal chemical defences in a mimicry ring. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180457.	1.2	34
41	Retinal specialization through spatially varying cell densities and opsin coexpression in cichlid fish. Journal of Experimental Biology, 2017, 220, 266-277.	0.8	40
42	Seeing in the deep-sea: visual adaptations in lanternfishes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160070.	1.8	34
43	Neural organization of afferent pathways from the stomatopod compound eye. Journal of Comparative Neurology, 2017, 525, 3010-3030.	0.9	18
44	Vision and lack of vision in the ocean. Current Biology, 2017, 27, R494-R502.	1.8	29
45	Fluorescence as a means of colour signal enhancement. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160335.	1.8	74
46	Behavioral color vision in a cichlid fish: <i>Metriaclima benetos</i> . Journal of Experimental Biology, 2017, 220, 2887-2899.	0.8	22
47	Disruptive colouration in reef fish: does matching the background reduce predation risk?. Journal of Experimental Biology, 2017, 220, 1962-1974.	0.8	20
48	Fish use colour to learn compound visual signals. Animal Behaviour, 2017, 125, 93-100.	0.8	24
49	Stabilizing selection on individual pattern elements of aposematic signals. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170926.	1.2	36
50	Intracellular Recordings of Spectral Sensitivities in Stomatopods: a Comparison across Species. Integrative and Comparative Biology, 2017, 57, 1117-1129.	0.9	9
51	The biology of color. Science, 2017, 357, .	6.0	509
52	Pushing the limits of photoreception in twilight conditions: The rod-like cone retina of the deep-sea pearlsides. Science Advances, 2017, 3, eaao4709.	4.7	55
53	Circularly polarized light detection in stomatopod crustaceans: a comparison of photoreceptors and possible function in six species. Journal of Experimental Biology, 2017, 220, 3222-3230.	0.8	11
54	Complex Visual Adaptations in Squid for Specific Tasks in Different Environments. Frontiers in Physiology, 2017, 8, 105.	1.3	22

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55	Dynamic Skin Patterns in Cephalopods. <i>Frontiers in Physiology</i> , 2017, 8, 393.	1.3	41
56	Insect-Like Organization of the Stomatopod Central Complex: Functional and Phylogenetic Implications. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 12.	1.0	33
57	Triggerfish uses chromaticity and lightness for object segregation. <i>Royal Society Open Science</i> , 2017, 4, 171440.	1.1	14
58	An insect-like mushroom body in a crustacean brain. <i>ELife</i> , 2017, 6, .	2.8	43
59	Depth-dependent plasticity in opsin gene expression varies between damselfish (Pomacentridae) species. <i>Molecular Ecology</i> , 2016, 25, 3645-3661.	2.0	53
60	Multimodal signals: ultraviolet reflectance and chemical cues in stomatopod agonistic encounters. <i>Royal Society Open Science</i> , 2016, 3, 160329.	1.1	13
61	Modelling fish colour constancy, and the implications for vision and signalling in water. <i>Journal of Experimental Biology</i> , 2016, 219, 1884-92.	0.8	27
62	Comparative visual ecology of cephalopods from different habitats. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161346.	1.2	21
63	Polarization vision seldom increases the sighting distance of silvery fish. <i>Current Biology</i> , 2016, 26, R752-R754.	1.8	14
64	Comment on "Open-ocean fish reveal an omnidirectional solution to camouflage in polarized environments". <i>Science</i> , 2016, 353, 552-552.	6.0	3
65	Dynamic polarization vision in mantis shrimps. <i>Nature Communications</i> , 2016, 7, 12140.	5.8	78
66	Coral reef fish perceive lightness illusions. <i>Scientific Reports</i> , 2016, 6, 35335.	1.6	18
67	Can chromatic aberration enable color vision in natural environments?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6908-E6909.	3.3	13
68	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.	0.8	42
69	Justin Marshall. <i>Current Biology</i> , 2016, 26, R395-R397.	1.8	1
70	Modeling the Impact of Australia's Mining Boom on Tourism. <i>Journal of Travel Research</i> , 2016, 55, 233-245.	5.8	20
71	Multiple Genetic Mechanisms Contribute to Visual Sensitivity Variation in the Labridae. <i>Molecular Biology and Evolution</i> , 2016, 33, 201-215.	3.5	34
72	Spectral Tuning in the Eyes of Deep-Sea Lanternfishes (Myctophidae): A Novel Sexually Dimorphic Intra-Ocular Filter. <i>Brain, Behavior and Evolution</i> , 2015, 85, 77-93.	0.9	17

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73	An Integrative Framework for the Appraisal of Coloration in Nature. <i>American Naturalist</i> , 2015, 185, 705-724.	1.0	206
74	Phenotypic Plasticity Confers Multiple Fitness Benefits to a Mimic. <i>Current Biology</i> , 2015, 25, 949-954.	1.8	45
75	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.	3.3	129
76	Colour vision in marine organisms. <i>Current Opinion in Neurobiology</i> , 2015, 34, 86-94.	2.0	80
77	Target Detection Is Enhanced by Polarization Vision in a Fiddler Crab. <i>Current Biology</i> , 2015, 25, 3069-3073.	1.8	41
78	Circularly Polarized Light as a Communication Signal in Mantis Shrimps. <i>Current Biology</i> , 2015, 25, 3074-3078.	1.8	65
79	The Dutch Disease effects on tourism – The case of Australia. <i>Tourism Management</i> , 2015, 46, 610-622.	5.8	31
80	Spectral Sensitivities and Color Signals in a Polymorphic Damselfly. <i>PLoS ONE</i> , 2014, 9, e87972.	1.1	35
81	The Influence of Photoreceptor Size and Distribution on Optical Sensitivity in the Eyes of Lanternfishes (Myctophidae). <i>PLoS ONE</i> , 2014, 9, e99957.	1.1	31
82	A dynamic broadband reflector built from microscopic silica spheres in the “disco” clam <i>Ctenoides ales</i> . <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140407.	1.5	12
83	Unconventional colour vision. <i>Current Biology</i> , 2014, 24, R1150-R1154.	1.8	56
84	Evolution of Neural Computations: Mantis Shrimp and Human Color Decoding. <i>I-Perception</i> , 2014, 5, 492-496.	0.8	27
85	Retinal Ganglion Cell Distribution and Spatial Resolving Power in Deep-Sea Lanternfishes (Myctophidae). <i>Brain, Behavior and Evolution</i> , 2014, 84, 262-276.	0.9	26
86	Polarization distance: a framework for modelling object detection by polarization vision systems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20131632.	1.2	43
87	Out of the blue: the evolution of horizontally polarized signals in <i>Haptosquilla</i> (Crustacea). <i>TJ ETQq1 1 0.784314 rgBT /Qyerlock</i>	0.8	24
88	Response to –The importance of accurate CO2 dosing and measurement in ocean acidification studies–™. <i>Journal of Experimental Biology</i> , 2014, 217, 1828-1829.	0.8	14
89	Filtering and polychromatic vision in mantis shrimps: themes in visible and ultraviolet vision. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130032.	1.8	33
90	Visual Acuity in a Species of Coral Reef Fish: <i>Rhinecanthus aculeatus</i> . <i>Brain, Behavior and Evolution</i> , 2014, 83, 31-42.	0.9	37

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91	A Different Form of Color Vision in Mantis Shrimp. <i>Science</i> , 2014, 343, 411-413.	6.0	196
92	Null point of discrimination in crustacean polarisation vision. <i>Journal of Experimental Biology</i> , 2014, 217, 2462-7.	0.8	23
93	Range-finding in squid using retinal deformation and image blur. <i>Current Biology</i> , 2014, 24, R64-R65.	1.8	24
94	The eyes of lanternfishes (Myctophidae, Teleostei): Novel ocular specializations for vision in dim light. <i>Journal of Comparative Neurology</i> , 2014, 522, 1618-1640.	0.9	24
95	Ocean acidification slows retinal function in a damselfish through interference with GABAA receptors. <i>Journal of Experimental Biology</i> , 2014, 217, 323-326.	0.8	113
96	Animal Polarization Imaging and Implications for Optical Processing. <i>Proceedings of the IEEE</i> , 2014, 102, 1427-1434.	16.4	21
97	Mistaken identity? Visual similarities of marine debris to natural prey items of sea turtles. <i>BMC Ecology</i> , 2014, 14, 14.	3.0	118
98	Bioinspired Polarization Imaging Sensors: From Circuits and Optics to Signal Processing Algorithms and Biomedical Applications. <i>Proceedings of the IEEE</i> , 2014, 102, 1450-1469.	16.4	94
99	Polarisation Signals. , 2014, , 407-442.		9
100	Polarisation Vision of Crustaceans. , 2014, , 171-216.		8
101	Light and the Optical Environment. , 2014, , .		3
102	Color Vision. , 2014, , .		2
103	A fish-eye view of cuttlefish camouflage using <i>in situ</i> spectrometry. <i>Biological Journal of the Linnean Society</i> , 2013, 109, 535-551.	0.7	15
104	Colour vision and response bias in a coral reef fish. <i>Journal of Experimental Biology</i> , 2013, 216, 2967-73.	0.8	49
105	Eye-Size Variability in Deep-Sea Lanternfishes (Myctophidae): An Ecological and Phylogenetic Study. <i>PLoS ONE</i> , 2013, 8, e58519.	1.1	49
106	Lanternfish (Myctophidae) Zoogeography off Eastern Australia: A Comparison with Physicochemical Biogeography. <i>PLoS ONE</i> , 2013, 8, e80950.	1.1	16
107	A novel function for a carotenoid: astaxanthin used as a polarizer for visual signalling in a mantis shrimp. <i>Journal of Experimental Biology</i> , 2012, 215, 584-589.	0.8	35
108	CoralWatch: education, monitoring, and sustainability through citizen science. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 332-334.	1.9	98

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109	High e-vector acuity in the polarisation vision system of the fiddler crab <i>Uca vomeris</i> . Journal of Experimental Biology, 2012, 215, 2128-2134.	0.8	48
110	High levels of reflectivity and pointillist structural color in fish, cephalopods, and beetles. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E3387; author reply E3388.	3.3	9
111	Corneal microprojections in coleoid cephalopods. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2012, 198, 849-856.	0.7	6
112	Opsin Evolution in Damselfish: Convergence, Reversal, and Parallel Evolution Across Tuning Sites. Journal of Molecular Evolution, 2012, 75, 79-91.	0.8	39
113	High-resolution polarisation vision in a cuttlefish. Current Biology, 2012, 22, R121-R122.	1.8	74
114	Changes in light-reflecting properties of signalling appendages alter mate choice behaviour in a stomatopod crustacean <i>Haptosquilla trispinosa</i> . Marine and Freshwater Behaviour and Physiology, 2011, 44, 1-11.	0.4	38
115	To Be Seen or to Hide: Visual Characteristics of Body Patterns for Camouflage and Communication in the Australian Giant Cuttlefish <i>Sepia apama</i> . American Naturalist, 2011, 177, 681-690.	1.0	61
116	Behavioural evidence for colour vision in an elasmobranch. Journal of Experimental Biology, 2011, 214, 4186-4192.	0.8	33
117	Camouflage in marine fish. , 2011, , 186-211.		48
118	Polarisation vision. Current Biology, 2011, 21, R101-R105.	1.8	53
119	Behavioural relevance of polarization sensitivity as a target detection mechanism in cephalopods and fishes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 734-741.	1.8	66
120	Dramatic colour changes in a bird of paradise caused by uniquely structured breast feather barbules. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2098-2104.	1.2	109
121	Patterns and properties of polarized light in air and water. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 619-626.	1.8	90
122	New directions in the detection of polarized light. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 615-616.	1.8	5
123	Polarization sensitivity as a contrast enhancer in pelagic predators: lessons from <i>in situ</i> polarization imaging of transparent zooplankton. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 655-670.	1.8	57
124	Vertical Distribution and Migration Patterns of <i>Nautilus pompilius</i> . PLoS ONE, 2011, 6, e16311.	1.1	64
125	<i>Nautilus pompilius</i> Life History and Demographics at the Osprey Reef Seamount, Coral Sea, Australia. PLoS ONE, 2011, 6, e16312.	1.1	36
126	<i>Nautilus</i> at Risk – Estimating Population Size and Demography of <i>Nautilus pompilius</i> . PLoS ONE, 2011, 6, e16716.	1.1	25

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127	The relationship between lens transmission and opsin gene expression in cichlids from Lake Malawi. <i>Vision Research</i> , 2010, 50, 357-363.	0.7	32
128	Morphological characterization of retinal bipolar cells in the marine teleost <i>Rhinecanthus aculeatus</i> . <i>Journal of Comparative Neurology</i> , 2010, 518, 3117-3129.	0.9	6
129	The fish eye view: are cichlids conspicuous?. <i>Journal of Experimental Biology</i> , 2010, 213, 2243-2255.	0.8	45
130	A spitting image: specializations in archerfish eyes for vision at the interface between air and water. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2607-2615.	1.2	81
131	Double cones are used for colour discrimination in the reef fish, <i>Rhinecanthus aculeatus</i> . <i>Biology Letters</i> , 2010, 6, 537-539.	1.0	81
132	Polarization sensitivity and retinal topography of the striped pyjama squid (<i>Sepioloidea</i>)	0.8	16
133	Polarization sensitivity in two species of cuttlefish “ <i>Sepia plangon</i> (Gray 1849) and <i>Sepia mestus</i> (Gray 1849) ” demonstrated with polarized optomotor stimuli. <i>Journal of Experimental Biology</i> , 2010, 213, 3364-3370.	0.8	26
134	Coral health monitoring: linking coral colour and remote sensing techniques. <i>Canadian Journal of Remote Sensing</i> , 2009, 35, 276-286.	1.1	19
135	The Eyes Have It: Regulatory and Structural Changes Both Underlie Cichlid Visual Pigment Diversity. <i>PLoS Biology</i> , 2009, 7, e1000266.	2.6	148
136	Mimicry in coral reef fish: how accurate is this deception in terms of color and luminance?. <i>Behavioral Ecology</i> , 2009, 20, 459-468.	1.0	67
137	Mimicry, colour forms and spectral sensitivity of the bluestriped fangblenny, <i>Plagiotremus rhinorhynchus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1565-1573.	1.2	25
138	Blue and Yellow Signal Cleaning Behavior in Coral Reef Fishes. <i>Current Biology</i> , 2009, 19, 1283-1287.	1.8	72
139	The comparative morphology of pit organs in elasmobranchs. <i>Journal of Morphology</i> , 2009, 270, 688-701.	0.6	20
140	Ultraviolet polarisation sensitivity in the stomatopod crustacean <i>Odontodactylus scyllarus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 1153-1162.	0.7	15
141	A biological quarter-wave retarder with excellent achromaticity in the visible wavelength region. <i>Nature Photonics</i> , 2009, 3, 641-644.	15.6	90
142	Are avian eggshell colours effective intraspecific communication signals in the Muscivora? A perceptual modelling approach. <i>Ibis</i> , 2009, 151, 689-698.	1.0	48
143	Mechanisms and behavioural functions of structural coloration in cephalopods. <i>Journal of the Royal Society Interface</i> , 2009, 6, S149-63.	1.5	248
144	Polarization signals in mantis shrimps. , 2009, , .		18

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145	Eggshell colour does not predict measures of maternal investment in eggs of <i>Turdus</i> thrushes. <i>Die Naturwissenschaften</i> , 2008, 95, 713-721.	0.6	74
146	Visual ecology of the Australian lungfish (<i>Neoceratodus forsteri</i>). <i>BMC Ecology</i> , 2008, 8, 21.	3.0	28
147	Circular Polarization Vision in a Stomatopod Crustacean. <i>Current Biology</i> , 2008, 18, 429-434.	1.8	241
148	Giant Deep-Sea Protist Produces Bilaterian-like Traces. <i>Current Biology</i> , 2008, 18, 1849-1854.	1.8	72
149	Facultative mimicry: cues for colour change and colour accuracy in a coral reef fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 117-122.	1.2	38
150	Stomatopod eye structure and function: A review. <i>Arthropod Structure and Development</i> , 2007, 36, 420-448.	0.8	116
151	Potential ultraviolet vision in pre-settlement larvae and settled reef fish—A comparison across 23 families. <i>Vision Research</i> , 2007, 47, 2337-2352.	0.7	51
152	Theft of bower decorations among male Satin Bowerbirds (<i>Ptilonorhynchus violaceus</i>): why are some decorations more popular than others?. <i>Emu</i> , 2006, 106, 175-180.	0.2	11
153	Are Corals Colorful?. <i>Photochemistry and Photobiology</i> , 2006, 82, 345.	1.3	79
154	Monitoring coral bleaching using a colour reference card. <i>Coral Reefs</i> , 2006, 25, 453-460.	0.9	274
155	Electrophysiological evidence for linear polarization sensitivity in the compound eyes of the stomatopod crustacean <i>Gonodactylus chiragra</i> . <i>Journal of Experimental Biology</i> , 2006, 209, 4262-4272.	0.8	36
156	The variable colours of the fiddler crab <i>Uca vomeris</i> and their relation to background and predation. <i>Journal of Experimental Biology</i> , 2006, 209, 4140-4153.	0.8	82
157	Biological polarized light reflectors in stomatopod crustaceans. , 2005, , .		9
158	Photoreceptor projection and termination pattern in the lamina of gonodactyloid stomatopods (mantis shrimp). <i>Cell and Tissue Research</i> , 2005, 321, 273-284.	1.5	22
159	Multiple cone visual pigments and the potential for trichromatic colour vision in two species of elasmobranch. <i>Journal of Experimental Biology</i> , 2004, 207, 4587-4594.	0.8	80
160	Fluorescent Enhancement of Signaling in a Mantis Shrimp. <i>Science</i> , 2004, 303, 51-51.	6.0	87
161	Conspicuous males suffer higher predation risk: visual modelling and experimental evidence from lizards. <i>Animal Behaviour</i> , 2003, 66, 541-550.	0.8	246
162	The Design of Color Signals and Color Vision in Fishes. , 2003, , 194-222.		43

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163	Visual Biology of Hawaiian Coral Reef Fishes. II. Colors of Hawaiian Coral Reef Fish. <i>Copeia</i> , 2003, 2003, 455-466.	1.4	60
164	Visual Biology of Hawaiian Coral Reef Fishes. I. Ocular Transmission and Visual Pigments. <i>Copeia</i> , 2003, 2003, 433-454.	1.4	147
165	Neuroarchitecture of the color and polarization vision system of the Stomatopod haptosquilla. <i>Journal of Comparative Neurology</i> , 2003, 467, 326-342.	0.9	33
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