

Alasdair J Edwards

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

10,112
citations

147801

31
h-index

128289

60
g-index

69
all docs

69
docs citations

69
times ranked

9141
citing authors

#	ARTICLE	IF	CITATIONS
1	Coral Reefs Under Rapid Climate Change and Ocean Acidification. <i>Science</i> , 2007, 318, 1737-1742.	12.6	4,578
2	One-Third of Reef-Building Corals Face Elevated Extinction Risk from Climate Change and Local Impacts. <i>Science</i> , 2008, 321, 560-563.	12.6	1,142
3	Mangroves enhance the biomass of coral reef fish communities in the Caribbean. <i>Nature</i> , 2004, 427, 533-536.	27.8	861
4	Contrasting Patterns of Coral Bleaching Susceptibility in 2010 Suggest an Adaptive Response to Thermal Stress. <i>PLoS ONE</i> , 2012, 7, e33353.	2.5	409
5	Mapping marine environments with IKONOS imagery: enhanced spatial resolution can deliver greater thematic accuracy. <i>Remote Sensing of Environment</i> , 2002, 82, 248-257.	11.0	295
6	A review of remote sensing for the assessment and management of tropical coastal resources. <i>Coastal Management</i> , 1996, 24, 1-40.	2.0	225
7	Climate Warming, Marine Protected Areas and the Ocean-Scale Integrity of Coral Reef Ecosystems. <i>PLoS ONE</i> , 2008, 3, e3039.	2.5	220
8	Cloudy weather may have saved Society Island reef corals during the 1998 ENSO event. <i>Marine Ecology - Progress Series</i> , 2001, 222, 209-216.	1.9	182
9	Coral Transplantation: A Useful Management Tool or Misguided Meddling?. <i>Marine Pollution Bulletin</i> , 1999, 37, 474-487.	5.0	141
10	Ecological restoration in the deep sea: Desiderata. <i>Marine Policy</i> , 2014, 44, 98-106.	3.2	131
11	Estimating leaf area index of mangroves from satellite data. <i>Aquatic Botany</i> , 1997, 58, 11-19.	1.6	119
12	Transforming management of tropical coastal seas to cope with challenges of the 21st century. <i>Marine Pollution Bulletin</i> , 2014, 85, 8-23.	5.0	118
13	Digital analysis of multispectral airborne imagery of coral reefs. <i>Coral Reefs</i> , 1998, 17, 59-69.	2.2	114
14	Coral Bleaching and Mortality on Artificial and Natural Reefs in Maldives in 1998, Sea Surface Temperature Anomalies and Initial Recovery. <i>Marine Pollution Bulletin</i> , 2001, 42, 7-15.	5.0	109
15	Fishing down a Caribbean food web relaxes trophic cascades. <i>Marine Ecology - Progress Series</i> , 2012, 445, 13-24.	1.9	107
16	An evaluation of artificial reef structures as tools for marine habitat rehabilitation in the Maldives. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 1999, 9, 5-21.	2.0	103
17	Closing the circle: is it feasible to rehabilitate reefs with sexually propagated corals?. <i>Coral Reefs</i> , 2014, 33, 45-55.	2.2	101
18	Measurement of seagrass standing crop using satellite and digital airborne remote sensing. <i>Marine Ecology - Progress Series</i> , 1997, 159, 51-60.	1.9	99

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19	The fishes of Saint Paul's Rocks. <i>Journal of Fish Biology</i> , 1981, 18, 135-157.	1.6	88
20	Coral mass spawning predicted by rapid seasonal rise in ocean temperature. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160011.	2.6	78
21	Extinction of a shark population in the Archipelago of Saint Paul's Rocks (equatorial Atlantic) inferred from the historical record. <i>Biological Conservation</i> , 2011, 144, 2873-2881.	4.1	73
22	Caging enhances post-settlement survival of juveniles of the scleractinian coral <i>Acropora tenuis</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 394, 149-153.	1.5	59
23	Direct seeding of mass-cultured coral larvae is not an effective option for reef rehabilitation. <i>Marine Ecology - Progress Series</i> , 2015, 525, 105-116.	1.9	58
24	Marine Zoogeography of St Paul's Rocks. <i>Journal of Biogeography</i> , 1983, 10, 65.	3.0	52
25	The ecology of Saint Paul's Rocks (Equatorial Atlantic). <i>Journal of Zoology</i> , 2009, 200, 51-69.	1.7	48
26	Population estimates of Alfred mantas (<i>Manta alfredi</i>) in central Maldives atolls: North Male, Ari and Baa. <i>Environmental Biology of Fishes</i> , 2012, 93, 557-575.	1.0	46
27	How Quickly do Fragments of Coral "Self-Attach" after Transplantation?. <i>Restoration Ecology</i> , 2011, 19, 234-242.	2.9	41
28	Crustacea associated with the scleractinian coral, <i>Stylophora pistillata</i> (Esper), in the Sudanese Red Sea. <i>Journal of Experimental Marine Biology and Ecology</i> , 1980, 42, 225-240.	1.5	37
29	Environmental Implications of Aquarium-fish Collection in the Maldives, with Proposals for Regulation. <i>Environmental Conservation</i> , 1992, 19, 61-72.	1.3	35
30	Ecological studies of the kelp, <i>Laminaria hyperborea</i> , and its associated fauna in South-West Ireland. <i>Ophelia</i> , 1980, 19, 47-60.	0.3	34
31	The fishes of Saint Helena Island, South Atlantic Ocean. <i>Journal of Natural History</i> , 1987, 21, 617-686.	0.5	34
32	An Indo-Pacific coral spawning database. <i>Scientific Data</i> , 2021, 8, 35.	5.3	34
33	Multi-species spawning of corals in north-western Philippines. <i>Coral Reefs</i> , 2008, 27, 83-83.	2.2	32
34	An Experimental Framework for Selectively Breeding Corals for Assisted Evolution. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	30
35	Sexual Size Dimorphism and Assortative Mating in the Obligate Coral Commensal <i>Trapezia ferruginea</i> Latreille (Decapoda, Xanthidae). <i>Crustaceana</i> , 1985, 48, 188-194.	0.3	29
36	Changes in the Zooplankton community off the coast of Northumberland between 1969 and 1988, with notes on changes in the phytoplankton and benthos. <i>Journal of Experimental Marine Biology and Ecology</i> , 1993, 172, 11-29.	1.5	29

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37	Comparison of three types of adhesives in attaching coral transplants to clam shell substrates. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2008, 18, 1140-1148.	2.0	25
38	Revisiting climate thresholds and ecosystem collapse. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 94-96.	4.0	24
39	Photogrammetry as a tool to improve ecosystem restoration. <i>Trends in Ecology and Evolution</i> , 2021, 36, 1093-1101.	8.7	17
40	An actographic study of diel activity in the semelparous polychaete <i>Nereis (Neanthes) virens</i> Sars in relation to the annual cycle of growth and reproduction. <i>Invertebrate Reproduction and Development</i> , 1999, 35, 141-145.	0.8	16
41	Vertical zonation of coral reef fishes in the Sudanese Red Sea. <i>Hydrobiologia</i> , 1981, 79, 21-31.	2.0	12
42	Enhancement of Grazing Gastropod Populations as a Coral Reef Restoration Tool: Predation Effects and Related Applied Implications. <i>Restoration Ecology</i> , 2010, 18, 803-809.	2.9	12
43	The fishes of Saint Helena Island, South Atlantic Ocean. II. The pelagic fishes. <i>Journal of Natural History</i> , 1987, 21, 1367-1394.	0.5	11
44	New records of fishes from the Bonaparte Seamount and Saint Helena Island, South Atlantic. <i>Journal of Natural History</i> , 1993, 27, 493-503.	0.5	11
45	Fine-Tuning Heat Stress Algorithms to Optimise Global Predictions of Mass Coral Bleaching. <i>Remote Sensing</i> , 2021, 13, 2677.	4.0	11
46	Saint Paul's Rocks: a bibliographical review of the natural history of a Mid-Atlantic Island. <i>Archives of Natural History</i> , 1985, 12, 31-49.	0.3	10
47	A coral spawning calendar for Sesoko Station, Okinawa, Japan. <i>Galaxea</i> , 2022, 24, 41-49.	0.7	10
48	Cholinesterase activity in the cockroach central nervous system. <i>Insect Biochemistry</i> , 1980, 10, 387-392.	1.8	7
49	Impact of Climatic Change on Coral Reefs, Mangroves, and Tropical Seagrass Ecosystems. , 2021, , 209-234.		7
50	Latitudinal variation in monthly-scale reproductive synchrony among <i>Acropora</i> coral assemblages in the Indo-Pacific. <i>Coral Reefs</i> , 2021, 40, 1411-1418.	2.2	7
51	Butterflyfishes feed on externally brooded larvae of the blue coral, <i>Heliopora coerulea</i> . <i>Coral Reefs</i> , 2010, 29, 105-105.	2.2	5
52	EFFECTS OF CARBON DIOXIDE ANAESTHESIA AND CROWDING ON THE SUSCEPTIBILITY OF COCKROACHES TO INSECTICIDES. <i>Entomologia Experimentalis Et Applicata</i> , 1981, 29, 339-344.	1.4	4
53	The seine-net fishery of Rodrigues Island, western Indian Ocean: Is it sustainable or in terminal decline?. <i>Fisheries Research</i> , 2013, 139, 35-42.	1.7	4
54	Diel periodicity in the adult eclosion of the blackfly, <i>Simulium damnosum</i> Theobald, in the Ivory Coast. <i>Ecological Entomology</i> , 1976, 1, 279-282.	2.2	3

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55	A revision of F. R. Irvine's Ghanaian marine fishes in the collections of The Natural History Museum, London. <i>Journal of Natural History</i> , 2003, 37, 2213-2267.	0.5	3
56	Linear extension, skeletal density, and calcification rates of the blue coral <i>Heliopora coerulea</i> . <i>Coral Reefs</i> , 2021, 40, 1631-1635.	2.2	3
57	<i>Lubbockichthys myersi</i> , a new species of dottyback fish from Guam (Pseudochromidae: Pseudochrominae). <i>Journal of Natural History</i> , 2003, 37, 2213-2267.	0.5	2
58	Sharks of the world. <i>Marine Pollution Bulletin</i> , 1986, 17, 132.	5.0	1
59	The Red Sea. <i>Marine Pollution Bulletin</i> , 1986, 17, 478.	5.0	1
60	<i>Pseudoplesiops wassi</i> , a new species of dottyback fish (Teleostei: Pseudochromidae: Pseudoplesiopinæ) from the West Pacific. <i>Zootaxa</i> , 2003, 291, 1.	0.5	1
61	Bilko and African capacity development in coastal and marine remote sensing. , 2012, , .		1
62	Red Sea Reef Fishes. <i>Marine Pollution Bulletin</i> , 1986, 17, 571-572.	5.0	0
63	Dolphin dreamtime: talking to the animals. <i>Marine Pollution Bulletin</i> , 1986, 17, 520-521.	5.0	0
64	The wreck of the Amsterdam. <i>Marine Pollution Bulletin</i> , 1986, 17, 46.	5.0	0
65	Emperor fishes and large-eye breams of the world (family lethrinidae). An annotated and illustrated catalogue of lethrinid species known to date. <i>Marine Pollution Bulletin</i> , 1991, 22, 48-49.	5.0	0
66	Managing marine environments. <i>Marine Pollution Bulletin</i> , 1991, 22, 312-313.	5.0	0