Enric Sala

List of Publications by Citations

129 papers	14,490 citations	58 h-index	120 g-index
135 ext. papers	16,995 ext. citations	7.5 avg, IF	6.27 L-index

#	Paper	IF	Citations
129	Impacts of biodiversity loss on ocean ecosystem services. *Science*, **2006**, 314, 787-90	33.3	2772
128	Global trajectories of the long-term decline of coral reef ecosystems. *Science*, **2003**, 301, 955-8	33.3	1343
127	Baselines and degradation of coral reefs in the Northern Line Islands. *PLoS ONE*, **2008**, 3, e1548	3.7	585
126	Interaction strength combinations and the overfishing of a marine food web. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 5443-7	11.5	428
125	Indirect effects of algae on coral: algae-mediated, microbe-induced coral mortality. *Ecology Letters*, **2006**, 9, 835-45	10	349
124	Ecology. Are U.S. coral reefs on the slippery slope to slime?. *Science*, **2005**, 307, 1725-6	33.3	332
123	A general model for designing networks of marine reserves. *Science*, **2002**, 298, 1991-3	33.3	293
122	Microbial ecology of four coral atolls in the Northern Line Islands. *PLoS ONE*, **2008**, 3, e1584	3.7	292
121	Fishing, Trophic Cascades, and the Structure of Algal Assemblages: Evaluation of an Old but Untested Paradigm. *Oikos*, **1998**, 82, 425	4	290
120	Lytic to temperate switching of viral communities. *Nature*, **2016**, 531, 466-70	50.4	278
119	Mangroves in the Gulf of California increase fishery yields. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 10456-9	11.5	271
118	The spatial expansion and ecological footprint of fisheries (1950 to present). *PLoS ONE*, **2010**, 5, e15143	3.7	240
117	A Global Deal For Nature: Guiding principles, milestones, and targets. *Science Advances*, **2019**, 5, eaaw2869	14.3	238
116	The structure of Mediterranean rocky reef ecosystems across environmental and human gradients, and conservation implications. *PLoS ONE*, **2012**, 7, e32742	3.7	217
115	Global Marine Biodiversity Trends. *Annual Review of Environment and Resources*, **2006**, 31, 93-122	17.2	211
114	Global human footprint on the linkage between biodiversity and ecosystem functioning in reef fishes. *PLoS Biology*, **2011**, 9, e1000606	9.7	204
113	Fish predation and the structure of the sea urchin Paracentrotus lividus populations in the NW Mediterranean. *Marine Ecology - Progress Series*, **1996**, 140, 71-81	2.6	195

112	Community-wide effects of marine reserves in the Mediterranean Sea. *Marine Ecology - Progress Series*, **2007**, 335, 43-56	2.6	181
111	Structure of Caribbean coral reef communities across a large gradient of fish biomass. *Ecology Letters*, **2006**, 9, 1216-27	10	170
110	Partitioning of space and food resources by three fish of the genus Diplodus (Sparidae) in a Mediterranean rocky infralittoral ecosystem. *Marine Ecology - Progress Series*, **1997**, 152, 273-283	2.6	169
109	Fishing Down Coastal Food Webs in the Gulf of California. *Fisheries*, **2004**, 29, 19-25	1.1	155
108	Differences in fish-assemblage structure between fished and unfished atolls in the northern Line Islands, central Pacific. *Marine Ecology - Progress Series*, **2008**, 365, 199-215	2.6	153
107	The effects of predator abundance and habitat structural complexity on survival of juvenile sea urchins. *Marine Biology*, **2005**, 146, 293-299	2.5	146
106	Rapid Decline of Nassau Grouper Spawning Aggregations in Belize: Fishery Management and Conservation Needs. *Fisheries*, **2001**, 26, 23-30	1.1	142
105	Local genomic adaptation of coral reef-associated microbiomes to gradients of natural variability and anthropogenic stressors. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 10227-32	11.5	139
104	No-take marine reserves are the most effective protected areas in the ocean. *ICES Journal of Marine Science*, **2018**, 75, 1166-1168	2.7	136
103	Re-evaluating the health of coral reef communities: baselines and evidence for human impacts across the central Pacific. *Proceedings of the Royal Society B: Biological Sciences*, **2016**, 283,	4.4	134
102	Alien marine fishes deplete algal biomass in the Eastern Mediterranean. *PLoS ONE*, **2011**, 6, e17356	3.7	134
101	Large recovery of fish biomass in a no-take marine reserve. *PLoS ONE*, **2011**, 6, e23601	3.7	133
100	Protecting the global ocean for biodiversity, food and climate. *Nature*, **2021**, 592, 397-402	50.4	131
99	Global assessment of the status of coral reef herbivorous fishes: evidence for fishing effects. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281, 20131835	4.4	129
98	Fish predators and scavengers of the sea urchin Paracentrotus lividus in protected areas of the north-west Mediterranean Sea. *Marine Biology*, **1997**, 129, 531-539	2.5	124
97	Large-scale assessment of Mediterranean marine protected areas effects on fish assemblages. *PLoS ONE*, **2014**, 9, e91841	3.7	114
96	Tropical rabbitfish and the deforestation of a warming temperate sea. *Journal of Ecology*, **2014**, 102, 1518-1527	6	114
95	Assessing real progress towards effective ocean protection. *Marine Policy*, **2018**, 91, 11-13	3.5	113

94	Community-wide distribution of predator-prey interaction strength in kelp forests. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 3678-83	11.5	112
93	Nursery value of Cystoseira forests for Mediterranean rocky reef fishes. *Journal of Experimental Marine Biology and Ecology*, **2013**, 442, 70-79	2.1	104
92	The economics of fishing the high seas. *Science Advances*, **2018**, 4, eaat2504	14.3	101
91	Conserving wild fish in a sea of market-based efforts. *Oryx*, **2010**, 44, 45	1.5	97
90	Ecological effects of full and partial protection in the crowded Mediterranean Sea: a regional meta-analysis. *Scientific Reports*, **2017**, 7, 8940	4.9	88
89	Winners and losers in a world where the high seas is closed to fishing. *Scientific Reports*, **2015**, 5, 8481	4.9	88
88	Interaction between nutrients and herbivory in controlling algal communities and coral condition on Glover's Reef, Belize. *Marine Ecology - Progress Series*, **2003**, 261, 135-147	2.6	88
87	Social-environmental drivers inform strategic management of coral reefs in the Anthropocene. *Nature Ecology and Evolution*, **2019**, 3, 1341-1350	12.3	85
86	Temporal and spatial variability in settlement of the sea urchin Paracentrotus lividus in the NW Mediterranean. *Marine Biology*, **2004**, 144, 1011-1018	2.5	85
85	The role of fishes in the organization of a Mediterranean sublittoral community.. *Journal of Experimental Marine Biology and Ecology*, **1997**, 212, 25-44	2.1	84
84	Spatial dynamics of the Nassau grouper Epinephelus striatus in a Caribbean atoll. *Marine Ecology - Progress Series*, **2007**, 343, 239-249	2.6	82
83	Global status and conservation potential of reef sharks. *Nature*, **2020**, 583, 801-806	50.4	77
82	Benthic communities at two remote Pacific coral reefs: effects of reef habitat, depth, and wave energy gradients on spatial patterns. *PeerJ*, **2013**, 1, e81	3.1	76
81	The belowground organs of the Mediterranean seagrass Posidonia oceanica as a biogeochemical sink. *Aquatic Botany*, **1994**, 47, 13-19	1.8	75
80	A general business model for marine reserves. *PLoS ONE*, **2013**, 8, e58799	3.7	73
79	The Impact of Diving on Rocky Sublittoral Communities: A Case Study of a Bryozoan Population. *Conservation Biology*, **1998**, 12, 302-312	6	72
78	Effects of isolation and fishing on the marine ecosystems of Easter Island and Salas y Gñez, Chile. *Aquatic Conservation: Marine and Freshwater Ecosystems*, **2013**, 23, 515-531	2.6	71
77	Spatial patterns of the structure of reef fish assemblages at a pristine atoll in the central Pacific. *Marine Ecology - Progress Series*, **2010**, 410, 219-231	2.6	68

76	Temporal variability in abundance of the sea urchins Paracentrotus lividus and Arbacia lixula in the northwestern Mediterranean:comparison between a marine reserve and an unprotected area. *Marine Ecology - Progress Series*, **1998**, 168, 135-145	2.6	62
75	Deep-water stands of Cystoseira zosteroides C. Agardh (Fucales, Ochrophyta) in the Northwestern Mediterranean: Insights into assemblage structure and population dynamics. *Estuarine, Coastal and Shelf Science*, **2009**, 82, 477-484	2.9	61
74	The Past and Present Topology and Structure of Mediterranean Subtidal Rocky-shore Food Webs. *Ecosystems*, **2004**, 7, 333	3.9	61
73	Multiple controls of community structure and dynamics in a sublittoral marine environment. *Ecology*, **2008**, 89, 3423-35	4.6	60
72	Marine communities on oil platforms in Gabon, West Africa: high biodiversity oases in a low biodiversity environment. *PLoS ONE*, **2014**, 9, e103709	3.7	60
71	The role of dispersal and demography in determining the efficacy of marine reserves. *Canadian Journal of Fisheries and Aquatic Sciences*, **2005**, 62, 863-871	2.4	58
70	Community structure and frond size distribution of a deep water stand of Cystoseira spinosa (Phaeophyta) in the Northwestern Mediterranean. *European Journal of Phycology*, **1998**, 33, 121-128	2.2	53
69	Algal growth and species composition under experimental control of herbivory, phosphorus and coral abundance in Glovers Reef, Belize. *Marine Pollution Bulletin*, **2002**, 44, 441-51	6.7	52
68	Relationships between fish, sea urchins and macroalgae: The structure of shallow rocky sublittoral communities in the Cyclades, Eastern Mediterranean. *Estuarine, Coastal and Shelf Science*, **2012**, 109, 1-10	2.9	49
67	Black reefs: iron-induced phase shifts on coral reefs. *ISME Journal*, **2012**, 6, 638-49	11.9	49
66	Predictability of reef fish recruitment in a highly variable nursery habitat. *Ecology*, **2007**, 88, 2220-8	4.6	49
65	Responses of algae, corals and fish to the reduction of macroalgae in fished and unfished patch reefs of Glovers Reef Atoll, Belize. *Coral Reefs*, **2001**, 19, 367-379	4.2	49
64	Unnatural Oceans. *Scientia Marina*, **2001**, 65, 273-281	1.8	49
63	Multiple processes regulate long-term population dynamics of sea urchins on Mediterranean rocky reefs. *PLoS ONE*, **2012**, 7, e36901	3.7	47
62	Including risk in stated-preference economic valuations: Experiments on choices for marine recreation. *Journal of Environmental Management*, **2009**, 90, 3401-9	7.9	44
61	A Mediterranean rocky-bottom ecosystem fisheries model. *Ecological Modelling*, **1997**, 104, 145-164	3	44
60	Arctic warming: nonlinear impacts of sea-ice and glacier melt on seabird foraging. *Global Change Biology*, **2015**, 21, 1116-23	11.4	43
59	ARRESTED DEVELOPMENT OF GIANT KELP (MACROCYSTIS PYRIFERA, PHAEOPHYCEAE) EMBRYONIC SPOROPHYTES: A MECHANISM FOR DELAYED RECRUITMENT IN PERENNIAL KELPS?1. *Journal of Phycology*, **2003**, 39, 47-57	3	43

58	The real bounty: marine biodiversity in the Pitcairn Islands. *PLoS ONE*, **2014**, 9, e100142	3.7	42
57	Top predators provide insurance against climate change. *Trends in Ecology and Evolution*, **2006**, 21, 479-80	10.9	42
56	Predator-induced demographic shifts in coral reef fish assemblages. *PLoS ONE*, **2011**, 6, e21062	3.7	39
55	Genetic connectivity patterns in an endangered species: The dusky grouper (Epinephelus marginatus). *Journal of Experimental Marine Biology and Ecology*, **2011**, 401, 126-133	2.1	37
54	Largest global shark biomass found in the northern Galápagos Islands of Darwin and Wolf. *PeerJ*, **2016**, 4, e1911	3.1	37
53	Global Patterns in Marine Sediment Carbon Stocks. *Frontiers in Marine Science*, **2020**, 7,	4.5	33
52	High seas fisheries play a negligible role in addressing global food security. *Science Advances*, **2018**, 4, eaat8351	14.3	33
51	Assessing the effectiveness of marine reserves on unsustainably harvested long-lived sessile invertebrates. *Conservation Biology*, **2012**, 26, 88-96	6	33
50	The role of fishes in the organization of a Mediterranean sublittoral community. *Journal of Experimental Marine Biology and Ecology*, **1997**, 212, 45-60	2.1	32
49	Natural History: the sense of wonder, creativity and progress in ecology. *Scientia Marina*, **2001**, 65, 199-206	1.6	32
48	Temporal patterns of spawning of the dusky grouper Epinephelus marginatus in relation to environmental factors. *Marine Ecology - Progress Series*, **2006**, 325, 187-194	2.6	31
47	A global network of marine protected areas for food. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 28134-28139	11.5	31
46	Marine Biodiversity in Juan Fernández and Desventuradas Islands, Chile: Global Endemism Hotspots. *PLoS ONE*, **2016**, 11, e0145059	3.7	31
45	Remote reefs and seamounts are the last refuges for marine predators across the Indo-Pacific. *PLoS Biology*, **2019**, 17, e3000366	9.7	27
44	Size, age, and habitat determine effectiveness of Palau's Marine Protected Areas. *PLoS ONE*, **2017**, 12, e0174787	3.7	26
43	Let more big fish sink: Fisheries prevent blue carbon sequestration-half in unprofitable areas. *Science Advances*, **2020**, 6,	14.3	26
42	The MPA Guide: A framework to achieve global goals for the ocean. *Science*, **2021**, 373, eabf0861	33.3	26
41	Metagenomic and satellite analyses of red snow in the Russian Arctic. *PeerJ*, **2015**, 3, e1491	3.1	24

40	A decision framework for the adaptive management of an exploited species with implications for marine reserves. *Conservation Biology*, **2007**, 21, 1594-602	6	23
39	Fish banks: An economic model to scale marine conservation. *Marine Policy*, **2016**, 73, 154-161	3.5	20
38	Kelp forests at the end of the earth: 45 years later. *PLoS ONE*, **2020**, 15, e0229259	3.7	19
37	Phosphorus and nitrogen enrichment do not enhance brown frondose macroalgae. *Marine Pollution Bulletin*, **2004**, 48, 196-199	6.7	19
36	Contrasts in the marine ecosystem of two Macaronesian islands: A comparison between the remote Selvagens Reserve and Madeira Island. *PLoS ONE*, **2017**, 12, e0187935	3.7	18
35	Marine biodiversity at the end of the world: Cape Horn and Diego Ramírez islands. *PLoS ONE*, **2018**, 13, e0189930	3.7	18
34	Using successional theory to measure marine ecosystem health. *Evolutionary Ecology*, **2012**, 26, 435-448	1.8	18
33	Limited coral mortality following acute thermal stress and widespread bleaching on Palmyra Atoll, central Pacific. *Coral Reefs*, **2019**, 38, 701-712	4.2	16
32	The structure and diversity of freshwater diatom assemblages from Franz Josef Land Archipelago: a northern outpost for freshwater diatoms. *PeerJ*, **2016**, 4, e1705	3.1	14
31	Juvenile fish assemblages in temperate rocky reefs are shaped by the presence of macro-algae canopy and its three-dimensional structure. *Scientific Reports*, **2017**, 7, 14638	4.9	12
30	Assessing the ecological and economic benefits of a no-take marine reserve. *Ecological Economics*, **2008**, 67, 32-40	5.6	12
29	Cystoseira jabukae (Cystoseiraceae, Fucophyceae) from Corsica (Mediterranean) with notes on the previously misunderstood species C. funkii. *Phycologia*, **1999**, 38, 77-86	2.7	12
28	Coexistence of low coral cover and high fish biomass at Farquhar Atoll, Seychelles. *PLoS ONE*, **2014**, 9, e87359	3.7	12
27	Who is the high seas fishing industry?. *One Earth*, **2020**, 3, 730-738	8.1	12
26	WTO must ban harmful fisheries subsidies. *Science*, **2021**, 374, 544	33.3	11
25	Predicting strong community impacts using experimental estimates of per capita interaction strength: benthic herbivores and giant kelp recruitment. *Marine Ecology*, **2011**, 32, 300-312	1.4	10
24	Viability analysis of reef fish populations based on limited demographic information. *Conservation Biology*, **2007**, 21, 447-54	6	10
23	Marine biodiversity from zero to a thousand meters at Clipperton Atoll (Île de La Passion), Tropical Eastern Pacific. *PeerJ*, **2019**, 7, e7279	3.1	9

22	The Status of Coastal Benthic Ecosystems in the Mediterranean Sea: Evidence From Ecological Indicators. *Frontiers in Marine Science*, **2020**, 7,	4.5	9
21	A bold successor to Aichi Target 11. *Science*, **2019**, 365, 649-650	33.3	9
20	Climatic influence on reef fish recruitment and fisheries. *Marine Ecology - Progress Series*, **2010**, 410, 283-287	2.7	9
19	First quantification of subtidal community structure at Tristan da Cunha Islands in the remote South Atlantic: from kelp forests to the deep sea. *PLoS ONE*, **2018**, 13, e0195167	3.7	9
18	Integrating climate, biodiversity, and sustainable land-use strategies: innovations from China. *National Science Review*, **2021**, 8, nwaa139	10.8	9
17	Mediterranean marine protected areas have higher biodiversity via increased evenness, not abundance. *Journal of Applied Ecology*, **2020**, 57, 578-589	5.8	8
16	Feeding Behavior, Habitat Use, and Abundance of the Angelfish Holacanthus passer (Pomacanthidae) in the Southern Sea of Cortȿ. *Environmental Biology of Fishes*, **2000**, 57, 435-442	1.6	8
15	Ocean Calamities: Hyped Litany or Legitimate Concern?. *BioScience*, **2015**, 65, 745-746	5.7	7
14	Warming-related shifts in the distribution of two competing coastal wrasses. *Marine Environmental Research*, **2016**, 120, 55-67	3.3	7
13	Letter to the Editor | Fisheries Research - Volume 85, Issues 1–2. *Fisheries Research*, **2007**, 85, 233-234	2.3	6
12	Franz Josef Land: extreme northern outpost for Arctic fishes. *PeerJ*, **2014**, 2, e692	3.1	6
11	Spatial patterns of continental shelf faunal community structure along the Western Antarctic Peninsula. *PLoS ONE*, **2020**, 15, e0239895	3.7	6
10	Marine communities of the newly created Kawȿqar National Reserve, Chile: From glaciers to the Pacific Ocean. *PLoS ONE*, **2021**, 16, e0249413	3.7	4
9	Composición y estructura de las comunidades de algas bentónicas de ambientes portuarios: El puerto de Blanes. *Collectanea Botanica*, **1997**, 23, 29-40		3
8	Spawning behavior of the tiger grouper (Mycteroperca tigris) in a Caribbean atoll. *Environmental Biology of Fishes*, **2018**, 101, 1641-1655	1.6	3
7	Marine biology in the 21st century: do we need to look at the past?. *Trends in Ecology and Evolution*, **2002**, 17, 59-60	10.9	2
6	Counterpoint to Hilborn. *ICES Journal of Marine Science*, **2018**, 75, 1163-1164	2.7	1
5	Sala and Giakoumi's Final Word. *ICES Journal of Marine Science*, **2018**, 75, 1171-1171	2.7	1

4	Letter to the editor – environmental development – comment on Arreguín et al. 2017. *Environmental Development*, **2017**, 23, 72-75	4.1	0
3	An integrated assessment of the Good Environmental Status of Mediterranean Marine Protected Areas.. *Journal of Environmental Management*, **2021**, 305, 114370	7.9	0
2	Assemblage structure and spatial diversity patterns of kelp forest-associated fishes in Southern Patagonia. *PLoS ONE*, **2021**, 16, e0257662	3.7	0
1	Recent shallow water foraminifera from the Selvagens Islands (Northeast Atlantic) – Assemblage composition and biogeographic significance. *Estuarine, Coastal and Shelf Science*, **2022**, 264, 107671	2.9	