J Ignacio GonzÃ¡lez-Gordillo

List of Publications by Year
in descending order

56 papers	4,976 citations	430442 18 h-index	174990 52 g-index
56 all docs	56 docs citations	56 times ranked	6295 citing authors

#	Article	IF	Citations
1	Plastic debris in the open ocean. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10239-10244.	3.3	2,157
2	Large mesopelagic fishes biomass and trophic efficiency in the open ocean. Nature Communications, 2014, 5, 3271.	5.8	561
3	Plastic Accumulation in the Mediterranean Sea. PLoS ONE, 2015, 10, e0121762.	1.1	553
4	The Arctic Ocean as a dead end for floating plastics in the North Atlantic branch of the Thermohaline Circulation. Science Advances, 2017, 3, e1600582.	4.7	417
5	An inshoreâ€“offshore sorting system revealed from global classification of ocean litter. Nature Sustainability, 2021, 4, 484-493.	11.5	178
6	Ubiquitous healthy diatoms in the deep sea confirm deep carbon injection by the biological pump. Nature Communications, 2015, 6, 7608.	5.8	177
7	Large-scale ocean connectivity and planktonic body size. Nature Communications, 2018, 9, 142.	5.8	102
8	Oceanographic and behavioural processes affecting invertebrate larval dispersal and supply in the western Iberia upwelling ecosystem. Progress in Oceanography, 2007, 74, 174-191.	1.5	85
9	Tide and wind control of megalopal supply to estuarine crab populations on the Portuguese west coast. Marine Ecology - Progress Series, 2006, 307, 21-36.	0.9	75
10	Large deep-sea zooplankton biomass mirrors primary production in the global ocean. Nature Communications, 2020, 11, 6048.	5.8	58
11	Zooplankton and Micronekton Active Flux Across the Tropical and Subtropical Atlantic Ocean. Frontiers in Marine Science, 2019, 6, .	1.2	56
12	Illustrated keys for the identification of the Pleocyemata (Crustacea: Decapoda) zoeal stages, from the coastal region of south-western Europe. Journal of the Marine Biological Association of the United Kingdom, 2004, 84, 205-227.	0.4	48
13	Checklist and annotated bibliography of decapod crustacean larvae from the Southwestern European coast (Gibraltar Strait area). Scientia Marina, 2001, 65, 275-305.	0.3	43
14	Comparative seasonal and spatial distribution of decapod larvae assemblages in three coastal zones off the south-western Iberian Peninsula. Acta Oecologica, 2003, 24, S219-S233.	0.5	30
15	The contribution of migratory mesopelagic fishes to neuston fish assemblages across the Atlantic, Indian and Pacific Oceans. Marine and Freshwater Research, 2016, 67, 1114.	0.7	28
16	First zoeal stages ofGrapsus adscensionis(Osbeck) andPlanes minutus(Linnaeus) (Brachyura:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Grapsinae. Journal of Natural History, 1997, 31, 887-900.	0.2	26
17	Polyunsaturated Aldehydes from Large Phytoplankton of the Atlantic Ocean Surface (42Â°N to 33Â°S). Marine Drugs, 2014, 12, 682-699.	2.2	23
18	Annotated checklist of brachyuran crabs (Crustacea: Decapoda) of the Iberian Peninsula (SW Europe). Scientia Marina, 2015, 79, 243-256.	0.3	23

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19	Zooplankton Abundance and Diversity in the Tropical and Subtropical Ocean. Diversity, 2019, 11, 203.	0.7	22
20	Recruitment patterns of decapod crustacean megalopae in a shallow inlet (SW Spain) related to life history strategies. Estuarine, Coastal and Shelf Science, 2003, 56, 593-607.	0.9	19
21	Physical control of zooplankton distribution at the Strait of Gibraltar during an episode of internal wave generation. Marine Ecology - Progress Series, 2010, 408, 79-95.	0.9	19
22	Morphology of the Larval And First Juvenile Stages of Two Jamaican Endemic Crab Species with Abbreviated Development, Sesarma windsor And Metopaulias depressus (Decapoda: Brachyura:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.3	17
23	Functional differences in the allometry of the water, carbon and nitrogen content of gelatinous organisms. Journal of Plankton Research, 2015, 37, 989-1000.	0.8	17
24	Morphology of first seven larval stages of the striped soldier shrimp, Plesionika edwardsii (Brandt,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	16
25	Larval stages of Brachynotus atlanticus Forest, 1957 (Crustacea: Decapoda: Grapsidae) reared under laboratory conditions. Journal of Plankton Research, 1992, 14, 867-883.	0.8	15
26	Population structure and reproductive biology of the stone crab Xantho poressa (Crustacea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 fishing area. Journal of the Marine Biological Association of the United Kingdom, 2010, 90, 323-334.	0.4	15
27	Cannibalism, post-settlement growth rate and size refuge in a recruitment-limited population of the shore crab Carcinus maenas. Journal of Experimental Marine Biology and Ecology, 2011, 410, 72-79.	0.7	15
28	First larval stage ofScyllarus posteliforest, 1963 andProcessa macrodactylaHolthuis, 1952 hatched in the laboratory (Crustacea, Decapoda). Ophelia, 2000, 53, 91-99.	0.3	12
29	Larval descriptions of the family Porcellanidae: A worldwide annotated compilation of the literature (Crustacea, Decapoda). ZooKeys, 2016, 564, 47-70.	0.5	12
30	Shelf and estuarine transport mechanisms affecting the supply of competent larvae in a suite of brachyuran crabs with different life histories. Marine Ecology - Progress Series, 2010, 410, 125-142.	0.9	11
31	Larval development of Brachynotus gemmellari (Rizza, 1839) (Brachyura, Grapsidae) reared under laboratory conditions. Journal of Plankton Research, 1995, 17, 1143-1161.	0.8	10
32	Larval development of Philocheras fasciatus (Risso, 1816) (Decapoda, Caridea) reared in the laboratory, comparison with plankton larvae and occurrence of accelerated development. Journal of Plankton Research, 2000, 22, 1909-1924.	0.8	10
33	Characterization of the Megalopal Premoult Stages of the Green Crab, Carcinus Maenas (Decapoda,) Tj ETQq1 1 0.784314 rgBT /Ove	0.3	10
34	Larval development of the pea crabAfropinnotheres monodiManning, 1993 (Decapoda,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 Marine Biology Research, 2016, 12, 43-55.	0.3	10
35	Possible amphi-Atlantic dispersal of Scyllarus lobsters (Crustacea: Scyllaridae): molecular and larval evidence. Zootaxa, 2017, 4306, .	0.2	10
36	Description of the first five larval stages of Plesionika narval (Fabricius, 1787) (Crustacea, Decapoda,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	9

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37	Morphology of the megalopa of the mud crab, Rhithropanopeus harrisii (Gould, 1841) (Decapoda,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	9
38	Studies on the larval development of northeastern Atlantic and Mediterranean Procellanidae (Decapoda, Anomura). I â€" Redescription of the larval stages ofPorcellana platycheles (Pennant, 1777) reared under laboratory conditions. HelgolâˆšÂ§nder Meeresuntersuchungen, 1996, 50, 517-531.	0.2	8
39	Feeding patterns of transforming and juvenile myctophids that migrate into neustonic layers. Marine Ecology - Progress Series, 2020, 650, 239-252.	0.9	8
40	Planktonic stages of Processa macrodactyla (Decapoda: Caridea: Processidae) reared in the laboratory. Journal of the Marine Biological Association of the United Kingdom, 2005, 85, 1449-1460.	0.4	7
41	Early larval morphology of the armed nylon shrimp Heterocarpus ensifer ensifer A. Milne-Edwards, 1881 (Decapoda, Caridea, Pandalidae) from laboratory culture. Zootaxa, 2010, 2427, .	0.2	7
42	Trophic Structure of Neuston Across Tropical and Subtropical Oceanic Provinces Assessed With Stable Isotopes. Frontiers in Marine Science, 2021, 7, .	1.2	6
43	DNA barcoding allows identification of undescribed crab megalopas from the open sea. Scientific Reports, 2021, 11, 20573.	1.6	6
44	COMPLETE LARVAL DEVELOPMENT OF PHILOCHERAS MONACANTHUS FROM LABORATORY CULTURE, WITH A KEY TO THE ZOEAE OF THE EUROPEAN SPECIES OF THE GENUS (DECAPODA: CARIDEA: CRANGONIDAE). Journal of Crustacean Biology, 2000, 20, 75-88.	0.3	5
45	The complete larval development of the spider crab,Macropodia parva(Crustacea, Decapoda, Majidae) from laboratory culture. Invertebrate Reproduction and Development, 2001, 39, 135-142.	0.3	5
46	Redescription of the early larval stages of the pandalid shrimp Chlorotocus crassicornis (Decapoda:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	5
47	Larval morphology of the family Parthenopidae, with the description of the megalopa stage of Derilambrus angulifrons (Latreille, 1825) (Decapoda: Brachyura), identified by DNA barcode. Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 513-521.	0.4	4
48	New record of the non-indigenous copepod Pseudodiaptomus marinus Sato, 1913 (Calanoida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 675-683.	0.1	4
49	Revision of the West African species of Scyllarus Fabricius, 1775 (Decapoda: Achelata: Scyllaridae), with the description of three phyllosoma stages of S. caparti Holthuis, 1952 and an updated identification key. Journal of Crustacean Biology, 2020, 40, 412-424.	0.3	4
50	ROVâ€™s Video Recordings as a Tool to Estimate Variation in Megabenthic Epifauna Diversity and Community Composition in the Guaymas Basin. Frontiers in Marine Science, 2020, 7, .	1.2	4
51	The capacity of crab megalopae to autotomize body appendages and the consequences upon their feeding abilityâ€"the price to pay to live another day. Marine and Freshwater Behaviour and Physiology, 2009, 42, 329-341.	0.4	3
52	Larval development of the symbiotic pea crab Pinnaxodes chilensis (H.ÂMilne Edwards, 1837) (Decapoda,) Tj ETQq0 0 0 rgBT /Overlock 91-103.	0.8	2
53	Larval development of Petrolisthes tuberculatus (GuÃ©rin, 1835) (Decapoda, Anomura, Porcellanidae) reared in laboratory. Zootaxa, 2019, 4623, 364-380.	0.2	0
54	CREATING A SPACE FOR EARLY CAREER RESEARCHERS: EXPERIENCES FROM A CONGRESS OF YOUNG MARINE SCIENTISTS. , 2021, , .		0

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55	Complete larval development of the crab Ilia nucleus (Linnaeus, 1758) (Decapoda: Brachyura:) Tj ETQq1 1 0.784314 rgBT /O	0.3	0
56	chapter 6 Ubiquitous Healthy Diatoms in the Deep Sea Confirm Deep Carbon Injection by the Biological Pump. , 2017, , 123-148.		0