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List of Publications by Year
in descending order

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82 papers	3,210 citations	218677 26 h-index	168389 53 g-index
89 all docs	89 docs citations	89 times ranked	3105 citing authors

#	Article	IF	Citations
1	Mine tailings in a redox-active environment: Iron geochemistry and potential environmental consequences. Science of the Total Environment, 2022, 807, 151050.	8.0	12
2	Short-term Fe reduction and metal dynamics in estuarine soils impacted by Fe-rich mine tailings. Applied Geochemistry, 2022, 136, 105134.	3.0	12
3	Iron hazard in an impacted estuary: Contrasting controls of plants and implications to phytoremediation. Journal of Hazardous Materials, 2022, 428, 128216.	12.4	8
4	Mucilaginibacter sp. Strain Metal(loid) and Antibiotic Resistance Isolated from Estuarine Soil Contaminated Mine Tailing from the FundÃ£o Dam. Genes, 2022, 13, 174.	2.4	4
5	Changes in soil iron biogeochemistry in response to mangrove dieback. Biogeochemistry, 2022, 158, 357-372.	3.5	6
6	Reef larval recruitment in response to seascape dynamics in the SW Atlantic. Scientific Reports, 2022, 12, 7750.	3.3	3
7	Contrasting Modes of Mitochondrial Genome Evolution in Sister Taxa of Wood-Eating Marine Bivalves (Teredinidae and Xylophagaidae). Genome Biology and Evolution, 2022, 14, .	2.5	2
8	Degraded mangroves as sources of trace elements to aquatic environments. Marine Pollution Bulletin, 2022, 181, 113834.	5.0	3
9	Screening for natural manganese scavengers: Divergent phytoremediation potentials of wetland plants. Journal of Cleaner Production, 2022, 365, 132811.	9.3	5
10	Manganese: The overlooked contaminant in the world largest mine tailings dam collapse. Environment International, 2021, 146, 106284.	10.0	81
11	The collapse of mangrove litterfall production following a climate-related forest loss in Brazil. Marine Pollution Bulletin, 2021, 162, 111910.	5.0	13
12	From sinks to sources: The role of Fe oxyhydroxide transformations on phosphorus dynamics in estuarine soils. Journal of Environmental Management, 2021, 278, 111575.	7.8	30
13	Gypsum Amendment Induced Rapid Pyritization in Fe-Rich Mine Tailings from Doce River Estuary after the FundÃ£o Dam Collapse. Minerals (Basel, Switzerland), 2021, 11, 201.	2.0	4
14	Carbon and Beyond: The Biogeochemistry of Climate in a Rapidly Changing Amazon. Frontiers in Forests and Global Change, 2021, 4, .	2.3	21
15	Consequences of terminating mangroveâ€™s protection in Brazil. Marine Policy, 2021, 125, 104389.	3.2	12
16	Complete Genome Sequence of Bacillus safensis Strain 3A, a Heavy Metal-Resistant Bacterium Isolated from Contaminated Estuarine Sediment in Brazil. Microbiology Resource Announcements, 2021, 10, .	0.6	1
17	Time-sequence development of metal(loid)s following the 2015 dam failure in the Doce river estuary, Brazil. Science of the Total Environment, 2021, 769, 144532.	8.0	52
18	Role of Fe dynamic in release of metals at Rio Doce estuary: Unfolding of a mining disaster. Marine Pollution Bulletin, 2021, 166, 112267.	5.0	19

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19	Global warming assessment suggests the endemic Brazilian kelp beds to be an endangered ecosystem. Marine Environmental Research, 2021, 168, 105307.	2.5	15
20	Taxonomic and functional diversity of benthic macrofauna associated with rhodolith beds in SE Brazil. PeerJ, 2021, 9, e11903.	2.0	14
21	Long-term contamination of the Rio Doce estuary as a result of Brazilâ€™s largest environmental disaster. Perspectives in Ecology and Conservation, 2021, 19, 417-428.	1.9	18
22	Rhodolith density influences sedimentary organic matter quantity and biochemical composition, and nematode diversity. Marine Environmental Research, 2021, 171, 105470.	2.5	4
23	Iron ore tailings as a source of nutrients to the coastal zone. Marine Pollution Bulletin, 2021, 171, 112725.	5.0	6
24	Benthic bioturbation: A canary in the mine for the retention and release of metals from estuarine sediments. Marine Pollution Bulletin, 2021, 172, 112912.	5.0	11
25	Ecosystem carbon losses following a climate-induced mangrove mortality in Brazil. Journal of Environmental Management, 2021, 297, 113381.	7.8	21
26	Complete Genome Sequence of a Mucilaginibacter sp. Strain Isolated from Estuarine Soil Contaminated with Mine Tailings from the Samarco Disaster at FundÃ£o Dam. Microbiology Resource Announcements, 2021, 10, e0077921.	0.6	2
27	Brazil oil spill response: Protect rhodolith beds. Science, 2020, 367, 156-156.	12.6	24
28	Drought effects on tropical estuarine benthic assemblages in Eastern Brazil. Science of the Total Environment, 2020, 703, 135490.	8.0	20
29	Molecular affinity of Southwest Atlantic Alvinocaris muricola with Atlantic Equatorial Belt populations. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 163, 103343.	1.4	9
30	Ecological Risks of Metal and Metalloid Contamination in the Rio Doce Estuary. Integrated Environmental Assessment and Management, 2020, 16, 655-660.	2.9	54
31	Total ecosystem carbon stocks of mangroves across broad global environmental and physical gradients. Ecological Monographs, 2020, 90, e01405.	5.4	139
32	Land use impacts on benthic bioturbation potential and carbon burial in Brazilian mangrove ecosystems. Limnology and Oceanography, 2020, 65, 2366-2376.	3.1	20
33	Contamination and oxidative stress biomarkers in estuarine fish following a mine tailing disaster. PeerJ, 2020, 8, e10266.	2.0	45
34	Substrate rugosity and temperature matters: patterns of benthic diversity at tropical intertidal reefs in the SW Atlantic. PeerJ, 2020, 8, e8289.	2.0	15
35	Continental Slope and Submarine Canyons: Benthic Biodiversity and Human Impacts. Brazilian Marine Biodiversity, 2020, , 37-72.	0.4	8
36	Chemosynthetic Ecosystems on the Brazilian Deep-Sea Margin. Brazilian Marine Biodiversity, 2020, , 109-132.	0.4	0

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37	The natural capital of offshore oil, gas, and methane hydrates in the World Ocean. , 2020, , 111-126.		1
38	Living and Non-living Resources in Brazilian Deep Waters. Brazilian Marine Biodiversity, 2020, , 217-253.	0.4	8
39	An Introduction to the Brazilian Deep-Sea Biodiversity. Brazilian Marine Biodiversity, 2020, , 1-5.	0.4	5
40	ILTER â€“ The International Long-Term Ecological Research Network as a Platform for Global Coastal and Ocean Observation. Frontiers in Marine Science, 2019, 6, .	2.5	31
41	Tracing pollution in estuarine benthic organisms and its impacts on food webs of the Vitoria Bay estuary. Estuarine, Coastal and Shelf Science, 2019, 229, 106410.	2.1	9
42	Macrofaunal community structure and biodiversity patterns based on a wood-fall experiment in the deep South-west Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 145, 73-82.	1.4	26
43	Niche-related processes in island intertidal communities inferred from stable isotopes data. Ecological Indicators, 2019, 104, 648-658.	6.3	18
44	Submarine canyons support distinct macrofaunal assemblages on the deep SE Brazil margin. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 149, 103052.	1.4	13
45	Lower diversity of recruits in coastal reef assemblages are associated with higher sea temperatures in the tropical South Atlantic. Marine Environmental Research, 2019, 148, 87-98.	2.5	13
46	Life in wood: preliminary phylogeny of deep-sea wood-boring bivalves (Xylophagaidae), with descriptions of three new genera and one new species. Journal of Molluscan Studies, 2019, 85, 232-243.	1.2	21
47	Multiple niche-based analyses reveal the dual life of an intertidal reef predator. Marine Ecology - Progress Series, 2019, 624, 131-141.	1.9	8
48	Chronic trace metals effects of mine tailings on estuarine assemblages revealed by environmental DNA. PeerJ, 2019, 7, e8042.	2.0	48
49	Extreme weather impacts on tropical mangrove forests in the Eastern Brazil Marine Ecoregion. Science of the Total Environment, 2018, 628-629, 233-240.	8.0	58
50	And details for landâ€use carbon footprints arise from quantitative and replicated studies. Frontiers in Ecology and the Environment, 2018, 16, 12-13.	4.0	10
51	Mangrove clearing impacts on macrofaunal assemblages and benthic food webs in a tropical estuary. Marine Pollution Bulletin, 2018, 126, 228-235.	5.0	48
52	Carbon stocks of mangroves and salt marshes of the Amazon region, Brazil. Biology Letters, 2018, 14, 20180208.	2.3	62
53	A new species of xylophilic fireworm (Annelida: Amphinomidae: Cryptonome) from deep-sea wood falls in the SW Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 137, 66-75.	1.4	15
54	Benthic Estuarine Assemblages of the Eastern Marine Brazilian Ecoregion (EME). Brazilian Marine Biodiversity, 2018, , 95-116.	0.4	6

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55	Brazilian Estuaries. Brazilian Marine Biodiversity, 2018, , .	0.4	16
56	Multiple biogeochemical indicators of environmental quality in tropical estuaries reveal contrasting conservation opportunities. Ecological Indicators, 2018, 95, 21-31.	6.3	33
57	Shrimp ponds lead to massive loss of soil carbon and greenhouse gas emissions in northeastern Brazilian mangroves. Ecology and Evolution, 2018, 8, 5530-5540.	1.9	92
58	The Samarco mine tailing disaster: A possible time-bomb for heavy metals contamination?. Science of the Total Environment, 2018, 637-638, 498-506.	8.0	191
59	Benthic macrofaunal structure and secondary production in tropical estuaries on the Eastern Marine Ecoregion of Brazil. PeerJ, 2018, 6, e4441.	2.0	29
60	Discovery of asphalt seeps in the deep Southwest Atlantic off Brazil. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 146, 35-44.	1.4	32
61	The impacts of the Samarco mine tailing spill on the Rio Doce estuary, Eastern Brazil. Marine Pollution Bulletin, 2017, 120, 28-36.	5.0	194
62	Conservation of deep-sea ecosystems within offshore oil fields on the Brazilian margin, SW Atlantic. Biological Conservation, 2017, 206, 92-101.	4.1	45
63	Deep risks from offshore development. Science, 2017, 358, 312-312.	12.6	15
64	Multiple introns in a deep-sea Annelid (Decemunciger: Ampharetidae) mitochondrial genome. Scientific Reports, 2017, 7, 4295.	3.3	21
65	DistribuiÃ§Ã£o da comunidade megabÃªntica ao longo da plataforma e talude continental da Bacia de Campos. , 2017, , 139-166.		5
66	Macrofauna bentÃ´nica do talude continental e cÃ¢nions da Bacia de Campos. , 2017, , 259-306.		7
67	Spatial and seasonal changes in benthic macrofauna from two dissipative sandy beaches in eastern	0.6	10
68	Benthic estuarine communities in Brazil: moving forward to long term studies to assess climate change impacts. Brazilian Journal of Oceanography, 2016, 64, 81-96.	0.6	28
69	Environmental Impacts of the Deep-Water Oil and Gas Industry: A Review to Guide Management Strategies. Frontiers in Environmental Science, 2016, 4, .	3.3	236
70	Bathymetric and regional changes in benthic macrofaunal assemblages on the deep Eastern Brazilian margin, SW Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 111, 110-120.	1.4	27
71	Predicting ecological changes on benthic estuarine assemblages through decadal climate trends along Brazilian Marine Ecoregions. Estuarine, Coastal and Shelf Science, 2015, 166, 74-82.	2.1	71
72	Effects of coastal upwelling on the structure of macrofaunal communities in SE Brazil. Journal of Marine Systems, 2015, 143, 120-129.	2.1	25

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73	Seven-year enrichment: macrofaunal succession in deep-sea sediments around a 30 tonne whale fall in the Northeast Pacific. Marine Ecology - Progress Series, 2014, 515, 133-149.	1.9	46
74	Seasonal dynamics of megafauna on the deep West Antarctic Peninsula shelf in response to variable phytodetrital influx. Royal Society Open Science, 2014, 1, 140294.	2.4	11
75	Comparative Composition, Diversity and Trophic Ecology of Sediment Macrofauna at Vents, Seeps and Organic Falls. PLoS ONE, 2012, 7, e33515.	2.5	122
76	Community structure of infaunal macrobenthos around vestimentiferan thickets at the San Clemente cold seep, NE Pacific. Marine Ecology, 2010, 31, 608-621.	1.1	19
77	Impacts of exotic mangrove forests and mangrove deforestation on carbon remineralization and ecosystem functioning in marine sediments. Biogeosciences, 2010, 7, 2129-2145.	3.3	48
78	Macrofaunal succession in sediments around kelp and wood falls in the deep NE Pacific and community overlap with other reducing habitats. Deep-Sea Research Part I: Oceanographic Research Papers, 2010, 57, 708-723.	1.4	103
79	Biogeochemistry of a deep-sea whale fall: sulfate reduction, sulfide efflux and methanogenesis. Marine Ecology - Progress Series, 2009, 382, 1-21.	1.9	117
80	Abyssal food limitation, ecosystem structure and climate change. Trends in Ecology and Evolution, 2008, 23, 518-528.	8.7	511
81	Temporal changes in benthic megafaunal abundance and composition across the West Antarctic Peninsula shelf: Results from video surveys. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2465-2477.	1.4	40
82	Monitoramento de ecossistemas bentÃ´nicos estuarinos. , 0, , 134-154.		1