

Angelo F Bernardino

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3275779/publications.pdf>

Version: 2024-02-01

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	Abyssal food limitation, ecosystem structure and climate change. <i>Trends in Ecology and Evolution</i> , 2008, 23, 518-528.	8.7	511
2	Environmental Impacts of the Deep-Water Oil and Gas Industry: A Review to Guide Management Strategies. <i>Frontiers in Environmental Science</i> , 2016, 4, .	3.3	236
3	The impacts of the Samarco mine tailing spill on the Rio Doce estuary, Eastern Brazil. <i>Marine Pollution Bulletin</i> , 2017, 120, 28-36.	5.0	194
4	The Samarco mine tailing disaster: A possible time-bomb for heavy metals contamination?. <i>Science of the Total Environment</i> , 2018, 637-638, 498-506.	8.0	191
5	Total ecosystem carbon stocks of mangroves across broad global environmental and physical gradients. <i>Ecological Monographs</i> , 2020, 90, e01405.	5.4	139
6	Comparative Composition, Diversity and Trophic Ecology of Sediment Macrofauna at Vents, Seeps and Organic Falls. <i>PLoS ONE</i> , 2012, 7, e33515.	2.5	122
7	Biogeochemistry of a deep-sea whale fall: sulfate reduction, sulfide efflux and methanogenesis. <i>Marine Ecology - Progress Series</i> , 2009, 382, 1-21.	1.9	117
8	Macrofaunal succession in sediments around kelp and wood falls in the deep NE Pacific and community overlap with other reducing habitats. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 708-723.	1.4	103
9	Shrimp ponds lead to massive loss of soil carbon and greenhouse gas emissions in northeastern Brazilian mangroves. <i>Ecology and Evolution</i> , 2018, 8, 5530-5540.	1.9	92
10	Manganese: The overlooked contaminant in the world largest mine tailings dam collapse. <i>Environment International</i> , 2021, 146, 106284.	10.0	81
11	Predicting ecological changes on benthic estuarine assemblages through decadal climate trends along Brazilian Marine Ecoregions. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 166, 74-82.	2.1	71
12	Carbon stocks of mangroves and salt marshes of the Amazon region, Brazil. <i>Biology Letters</i> , 2018, 14, 20180208.	2.3	62
13	Extreme weather impacts on tropical mangrove forests in the Eastern Brazil Marine Ecoregion. <i>Science of the Total Environment</i> , 2018, 628-629, 233-240.	8.0	58
14	Ecological Risks of Metal and Metalloid Contamination in the Rio Doce Estuary. <i>Integrated Environmental Assessment and Management</i> , 2020, 16, 655-660.	2.9	54
15	Time-sequence development of metal(loid)s following the 2015 dam failure in the Doce river estuary, Brazil. <i>Science of the Total Environment</i> , 2021, 769, 144532.	8.0	52
16	Impacts of exotic mangrove forests and mangrove deforestation on carbon remineralization and ecosystem functioning in marine sediments. <i>Biogeosciences</i> , 2010, 7, 2129-2145.	3.3	48
17	Mangrove clearing impacts on macrofaunal assemblages and benthic food webs in a tropical estuary. <i>Marine Pollution Bulletin</i> , 2018, 126, 228-235.	5.0	48
18	Chronic trace metals effects of mine tailings on estuarine assemblages revealed by environmental DNA. <i>PeerJ</i> , 2019, 7, e8042.	2.0	48

#	ARTICLE	IF	CITATIONS
19	Seven-year enrichment: macrofaunal succession in deep-sea sediments around a 30 tonne whale fall in the Northeast Pacific. <i>Marine Ecology - Progress Series</i> , 2014, 515, 133-149.	1.9	46
20	Conservation of deep-sea ecosystems within offshore oil fields on the Brazilian margin, SW Atlantic. <i>Biological Conservation</i> , 2017, 206, 92-101.	4.1	45
21	Contamination and oxidative stress biomarkers in estuarine fish following a mine tailing disaster. <i>PeerJ</i> , 2020, 8, e10266.	2.0	45
22	Temporal changes in benthic megafaunal abundance and composition across the West Antarctic Peninsula shelf: Results from video surveys. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 2465-2477.	1.4	40
23	Multiple biogeochemical indicators of environmental quality in tropical estuaries reveal contrasting conservation opportunities. <i>Ecological Indicators</i> , 2018, 95, 21-31.	6.3	33
24	Discovery of asphalt seeps in the deep Southwest Atlantic off Brazil. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 146, 35-44.	1.4	32
25	ILTER “ The International Long-Term Ecological Research Network as a Platform for Global Coastal and Ocean Observation. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	31
26	From sinks to sources: The role of Fe oxyhydroxide transformations on phosphorus dynamics in estuarine soils. <i>Journal of Environmental Management</i> , 2021, 278, 111575.	7.8	30
27	Benthic macrofaunal structure and secondary production in tropical estuaries on the Eastern Marine Ecoregion of Brazil. <i>PeerJ</i> , 2018, 6, e4441.	2.0	29
28	Benthic estuarine communities in Brazil: moving forward to long term studies to assess climate change impacts. <i>Brazilian Journal of Oceanography</i> , 2016, 64, 81-96.	0.6	28
29	Bathymetric and regional changes in benthic macrofaunal assemblages on the deep Eastern Brazilian margin, SW Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 111, 110-120.	1.4	27
30	Macrofaunal community structure and biodiversity patterns based on a wood-fall experiment in the deep South-west Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 145, 73-82.	1.4	26
31	Effects of coastal upwelling on the structure of macrofaunal communities in SE Brazil. <i>Journal of Marine Systems</i> , 2015, 143, 120-129.	2.1	25
32	Brazil oil spill response: Protect rhodolith beds. <i>Science</i> , 2020, 367, 156-156.	12.6	24
33	Multiple introns in a deep-sea Annelid (Decemunciger: Ampharetidae) mitochondrial genome. <i>Scientific Reports</i> , 2017, 7, 4295.	3.3	21
34	Life in wood: preliminary phylogeny of deep-sea wood-boring bivalves (Xylophagaidae), with descriptions of three new genera and one new species. <i>Journal of Molluscan Studies</i> , 2019, 85, 232-243.	1.2	21
35	Carbon and Beyond: The Biogeochemistry of Climate in a Rapidly Changing Amazon. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	21
36	Ecosystem carbon losses following a climate-induced mangrove mortality in Brazil. <i>Journal of Environmental Management</i> , 2021, 297, 113381.	7.8	21

#	ARTICLE	IF	CITATIONS
37	Drought effects on tropical estuarine benthic assemblages in Eastern Brazil. <i>Science of the Total Environment</i> , 2020, 703, 135490.	8.0	20
38	Land use impacts on benthic bioturbation potential and carbon burial in Brazilian mangrove ecosystems. <i>Limnology and Oceanography</i> , 2020, 65, 2366-2376.	3.1	20
39	Community structure of infaunal macrobenthos around vestimentiferan thickets at the San Clemente cold seep, NE Pacific. <i>Marine Ecology</i> , 2010, 31, 608-621.	1.1	19
40	Role of Fe dynamic in release of metals at Rio Doce estuary: Unfolding of a mining disaster. <i>Marine Pollution Bulletin</i> , 2021, 166, 112267.	5.0	19
41	Niche-related processes in island intertidal communities inferred from stable isotopes data. <i>Ecological Indicators</i> , 2019, 104, 648-658.	6.3	18
42	Long-term contamination of the Rio Doce estuary as a result of Brazil's largest environmental disaster. <i>Perspectives in Ecology and Conservation</i> , 2021, 19, 417-428.	1.9	18
43	Brazilian Estuaries. <i>Brazilian Marine Biodiversity</i> , 2018, , .	0.4	16
44	Deep risks from offshore development. <i>Science</i> , 2017, 358, 312-312.	12.6	15
45	A new species of xylophilic fireworm (Annelida: Amphinomidae: Cryptonome) from deep-sea wood falls in the SW Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 137, 66-75.	1.4	15
46	Global warming assessment suggests the endemic Brazilian kelp beds to be an endangered ecosystem. <i>Marine Environmental Research</i> , 2021, 168, 105307.	2.5	15
47	Substrate rugosity and temperature matters: patterns of benthic diversity at tropical intertidal reefs in the SW Atlantic. <i>PeerJ</i> , 2020, 8, e8289.	2.0	15
48	Taxonomic and functional diversity of benthic macrofauna associated with rhodolith beds in SE Brazil. <i>PeerJ</i> , 2021, 9, e11903.	2.0	14
49	Submarine canyons support distinct macrofaunal assemblages on the deep SE Brazil margin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 149, 103052.	1.4	13
50	Lower diversity of recruits in coastal reef assemblages are associated with higher sea temperatures in the tropical South Atlantic. <i>Marine Environmental Research</i> , 2019, 148, 87-98.	2.5	13
51	The collapse of mangrove litterfall production following a climate-related forest loss in Brazil. <i>Marine Pollution Bulletin</i> , 2021, 162, 111910.	5.0	13
52	Consequences of terminating mangrove's protection in Brazil. <i>Marine Policy</i> , 2021, 125, 104389.	3.2	12
53	Mine tailings in a redox-active environment: Iron geochemistry and potential environmental consequences. <i>Science of the Total Environment</i> , 2022, 807, 151050.	8.0	12
54	Short-term Fe reduction and metal dynamics in estuarine soils impacted by Fe-rich mine tailings. <i>Applied Geochemistry</i> , 2022, 136, 105134.	3.0	12

#	ARTICLE	IF	CITATIONS
55	Seasonal dynamics of megafauna on the deep West Antarctic Peninsula shelf in response to variable phytodetrital influx. <i>Royal Society Open Science</i> , 2014, 1, 140294.	2.4	11
56	Benthic bioturbation: A canary in the mine for the retention and release of metals from estuarine sediments. <i>Marine Pollution Bulletin</i> , 2021, 172, 112912.	5.0	11
57	Spatial and seasonal changes in benthic macrofauna from two dissipative sandy beaches in eastern	0.6	10
58	And details for land use carbon footprints arise from quantitative and replicated studies. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 12-13.	4.0	10
59	Tracing pollution in estuarine benthic organisms and its impacts on food webs of the Vitoria Bay estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 229, 106410.	2.1	9
60	Molecular affinity of Southwest Atlantic <i>Alvinocaris muricola</i> with Atlantic Equatorial Belt populations. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 163, 103343.	1.4	9
61	Multiple niche-based analyses reveal the dual life of an intertidal reef predator. <i>Marine Ecology - Progress Series</i> , 2019, 624, 131-141.	1.9	8
62	Continental Slope and Submarine Canyons: Benthic Biodiversity and Human Impacts. <i>Brazilian Marine Biodiversity</i> , 2020, , 37-72.	0.4	8
63	Living and Non-living Resources in Brazilian Deep Waters. <i>Brazilian Marine Biodiversity</i> , 2020, , 217-253.	0.4	8
64	Iron hazard in an impacted estuary: Contrasting controls of plants and implications to phytoremediation. <i>Journal of Hazardous Materials</i> , 2022, 428, 128216.	12.4	8
65	Macrofauna bentônica do talude continental e cânions da Bacia de Campos. , 2017, , 259-306.		7
66	Benthic Estuarine Assemblages of the Eastern Marine Brazilian Ecoregion (EME). <i>Brazilian Marine Biodiversity</i> , 2018, , 95-116.	0.4	6
67	Iron ore tailings as a source of nutrients to the coastal zone. <i>Marine Pollution Bulletin</i> , 2021, 171, 112725.	5.0	6
68	Changes in soil iron biogeochemistry in response to mangrove dieback. <i>Biogeochemistry</i> , 2022, 158, 357-372.	3.5	6
69	Distribuição da comunidade megabentônica ao longo da plataforma e talude continental da Bacia de Campos. , 2017, , 139-166.		5
70	An Introduction to the Brazilian Deep-Sea Biodiversity. <i>Brazilian Marine Biodiversity</i> , 2020, , 1-5.	0.4	5
71	Screening for natural manganese scavengers: Divergent phytoremediation potentials of wetland plants. <i>Journal of Cleaner Production</i> , 2022, 365, 132811.	9.3	5
72	Gypsum Amendment Induced Rapid Pyritization in Fe-Rich Mine Tailings from Doce River Estuary after the Fundão Dam Collapse. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 201.	2.0	4

#	ARTICLE	IF	CITATIONS
73	Rhodolith density influences sedimentary organic matter quantity and biochemical composition, and nematode diversity. <i>Marine Environmental Research</i> , 2021, 171, 105470.	2.5	4
74	<i>Mucilaginibacter</i> sp. Strain Metal(loid) and Antibiotic Resistance Isolated from Estuarine Soil Contaminated Mine Tailing from the Fundão Dam. <i>Genes</i> , 2022, 13, 174.	2.4	4
75	Reef larval recruitment in response to seascape dynamics in the SW Atlantic. <i>Scientific Reports</i> , 2022, 12, 7750.	3.3	3
76	Degraded mangroves as sources of trace elements to aquatic environments. <i>Marine Pollution Bulletin</i> , 2022, 181, 113834.	5.0	3
77	Complete Genome Sequence of a <i>Mucilaginibacter</i> sp. Strain Isolated from Estuarine Soil Contaminated with Mine Tailings from the Samarco Disaster at Fundão Dam. <i>Microbiology Resource Announcements</i> , 2021, 10, e0077921.	0.6	2
78	Contrasting Modes of Mitochondrial Genome Evolution in Sister Taxa of Wood-Eating Marine Bivalves (Teredinidae and Xylophagidae). <i>Genome Biology and Evolution</i> , 2022, 14, .	2.5	2
79	Complete Genome Sequence of <i>Bacillus safensis</i> Strain 3A, a Heavy Metal-Resistant Bacterium Isolated from Contaminated Estuarine Sediment in Brazil. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	1
80	Monitoramento de ecossistemas bentônicos estuarinos. , 0, , 134-154.		1
81	The natural capital of offshore oil, gas, and methane hydrates in the World Ocean. , 2020, , 111-126.		1
82	Chemosynthetic Ecosystems on the Brazilian Deep-Sea Margin. <i>Brazilian Marine Biodiversity</i> , 2020, , 109-132.	0.4	0