

Rutger Rosenberg

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

10,261
citations

94381

37
h-index

98753

67
g-index

67
all docs

67
docs citations

67
times ranked

10278
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygenated deep bottoms beneath a thick hypoxic layer lack potential of benthic colonization. <i>Ambio</i> , 2018, 47, 106-109.	2.8	3
2	Rapid re-oxygenation of Baltic Sea sediments following a large inflow event. <i>Ambio</i> , 2016, 45, 130-132.	2.8	9
3	Reducing spatial variation in environmental assessment of marine benthic fauna. <i>Marine Pollution Bulletin</i> , 2016, 104, 129-138.	2.3	10
4	Calculation of species sensitivity values and their precision in marine benthic faunal quality indices. <i>Marine Pollution Bulletin</i> , 2015, 93, 94-102.	2.3	25
5	Eutrophication-Driven Deoxygenation in the Coastal Ocean. <i>Oceanography</i> , 2014, 27, 172-183.	0.5	245
6	Introduction to Environmental and Economic Consequences of Hypoxia. <i>International Journal of Water Resources Development</i> , 2011, 27, 71-82.	1.2	102
7	Environmental quality of Korean coasts as determined by modified Shannon's "Wiener evenness proportion. <i>Environmental Monitoring and Assessment</i> , 2010, 170, 141-157.	1.3	20
8	Assessing coastal benthic macrofauna community condition using best professional judgement "Developing consensus across North America and Europe. <i>Marine Pollution Bulletin</i> , 2010, 60, 589-600.	2.3	80
9	Temporal and spatial changes in marine benthic habitats in relation to the EU Water Framework Directive: The use of sediment profile imagery. <i>Marine Pollution Bulletin</i> , 2009, 58, 565-572.	2.3	23
10	Theoretical and practical aspects on benthic quality assessment according to the EU-Water Framework Directive "Examples from Swedish waters. <i>Marine Pollution Bulletin</i> , 2009, 58, 1286-1296.	2.3	55
11	Assessment of marine benthic quality change in gradients of disturbance: Comparison of different Scandinavian multi-metric indices. <i>Marine Pollution Bulletin</i> , 2009, 58, 1263-1277.	2.3	58
12	Dead zone dilemma. <i>Marine Pollution Bulletin</i> , 2009, 58, 1767-1768.	2.3	23
13	Hypoxia-Related Processes in the Baltic Sea. <i>Environmental Science & Technology</i> , 2009, 43, 3412-3420.	4.6	470
14	Species-Specific Traits Rather Than Resource Partitioning Mediate Diversity Effects on Resource Use. <i>PLoS ONE</i> , 2009, 4, e7423.	1.1	22
15	Spreading Dead Zones and Consequences for Marine Ecosystems. <i>Science</i> , 2008, 321, 926-929.	6.0	4,991
16	Bioturbation-Driven Release of Organic Contaminants from Baltic Sea Sediments Mediated by the Invading Polychaete <i>Marenzelleria neglecta</i> . <i>Environmental Science & Technology</i> , 2008, 42, 1058-1065.	4.6	84
17	The Impact of Benthic Macrofauna for Nutrient Fluxes from Baltic Sea Sediments. <i>Ambio</i> , 2007, 36, 161-167.	2.8	102
18	Density of <i>Monoporeia affinis</i> and biogeochemistry in Baltic Sea sediments. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 344, 123-135.	0.7	25

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19	Sediment reworking by marine benthic species from the Gullmar Fjord (Western Sweden): Importance of faunal biovolume. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 348, 133-144.	0.7	73
20	Ecosystem engineering: the impact of bioturbation on biogeochemical processes in marine and freshwater benthic habitats. <i>Aquatic Sciences</i> , 2006, 68, 434-442.	0.6	246
21	Characterization of the ecological quality of the coastal Gulf of Lions (NW Mediterranean). A comparative approach based on three biotic indices. <i>Marine Pollution Bulletin</i> , 2006, 52, 34-47.	2.3	122
22	Scale- and intensity-dependent disturbance determines the magnitude of opportunistic response. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 330, 195-207.	0.7	86
23	Characterizing the role benthos plays in large coastal seas and estuaries: A modular approach. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 330, 392-402.	0.7	21
24	Biodiversity of benthic invertebrates and organic matter processing in shallow marine sediments: an experimental study. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 315, 187-209.	0.7	144
25	Quantification of biogenic 3-D structures in marine sediments. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 326, 67-76.	0.7	17
26	Feeding behaviour of deep-sea dwelling holothurians: Inferences from a laboratory investigation of shallow fjordic species. <i>Journal of Marine Systems</i> , 2005, 57, 201-218.	0.9	40
27	Biology of the basket star <i>Gorgonocephalus caputmedusae</i> (L.). <i>Marine Biology</i> , 2005, 148, 43-50.	0.7	23
28	Marine quality assessment by use of benthic species-abundance distributions: a proposed new protocol within the European Union Water Framework Directive. <i>Marine Pollution Bulletin</i> , 2004, 49, 728-739.	2.3	378
29	Benthic habitats in the northwest Mediterranean characterised by sedimentary organics, benthic macrofauna and sediment profile images. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 57, 297-311.	0.9	25
30	Impact of grazing and bioturbation of marine benthic deposit feeders on dinoflagellate cysts. <i>Harmful Algae</i> , 2003, 2, 43-50.	2.2	35
31	Vanishing Seagrass (<i>Zostera marina</i> , L.) in Swedish Coastal Waters. <i>Ambio</i> , 2003, 32, 374-377.	2.8	113
32	Effect of the brittle star <i>Amphiura filiformis</i> (Amphiuridae, Echinodermata) on oxygen flux into the sediment. <i>Limnology and Oceanography</i> , 2003, 48, 2034-2045.	1.6	65
33	Marine benthic faunal successional stages and related sedimentary activity. <i>Scientia Marina</i> , 2001, 65, 107-119.	0.3	173
34	Eutrophication and Contaminants in Aquatic Ecosystems. <i>Ambio</i> , 2000, 29, 184-194.	2.8	79
35	Effects of Eutrophication on Contaminant Cycling in Marine Benthic Systems. <i>Ambio</i> , 2000, 29, 252-259.	2.8	36
36	Effects of organic enrichment and burrowing activity of the polychaete <i>Neries diversicolor</i> on the fate of tetrachlorobiphenyl in marine sediments. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1149-1156.	2.2	46

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37	Influence of sedimentâ€organic matter quality on growth and polychlorobiphenyl bioavailability in Echinodermata (<i>Amphiura filiformis</i>). Environmental Toxicology and Chemistry, 1999, 18, 1534-1543.	2.2	40
38	EFFECTS OF ORGANIC ENRICHMENT AND BURROWING ACTIVITY OF THE POLYCHAETE NERIES DIVERSICOLOR ON THE FATE OF TETRACHLOROBIPHENYL IN MARINE SEDIMENTS. Environmental Toxicology and Chemistry, 1999, 18, 1149.	2.2	2
39	Bioresuspension and biodeposition: a review. Journal of Marine Systems, 1997, 11, 269-278.	0.9	267
40	Eutrophication increases the association of PCB to dissolved organic matter in marine microcosms. Marine Pollution Bulletin, 1996, 33, 100-111.	2.3	14
41	Benthic marine fauna structured by hydrodynamic processes and food availability. Journal of Sea Research, 1995, 34, 303-317.	1.0	174
42	Suspension feeding in <i>Abra alba</i> (Mollusca). Sarsia, 1993, 78, 119-121.	0.5	14
43	Rapid sedimentological and biological assessment of hydrocarbon contaminated sediments. Water, Air, and Soil Pollution, 1993, 66, 251-266.	1.1	8
44	Hypoxia, salinity and temperature as structuring factors for marine benthic communities in a eutrophic area. Journal of Sea Research, 1992, 30, 121-129.	1.0	91
45	Negative oxygen trends in Swedish coastal bottom waters. Marine Pollution Bulletin, 1990, 21, 335-339.	2.3	67
46	Bivalve suspension-feeding dynamics and benthic-pelagic coupling in an eutrophicated marine bay. Journal of Experimental Marine Biology and Ecology, 1989, 130, 253-276.	0.7	101
47	Marine eutrophication induced oxygen deficiency: Effects on soft bottom Fauna, Western Sweden. Ophelia, 1988, 29, 213-225.	0.3	133
48	Eutrophicationâ€The future marine coastal nuisance?. Marine Pollution Bulletin, 1985, 16, 227-231.	2.3	306
49	Lack of correspondence between genetic and morphologic variability patterns in Atlantic herring (<i>Clupea harengus</i>). Heredity, 1984, 53, 687-704.	1.2	147
50	<i>Mytilus edulis</i> culture: Growth and production in western Sweden. Aquaculture, 1983, 35, 137-150.	1.7	56
51	Energy-flow in a <i>Mytilus edulis</i> culture in western Sweden. Aquaculture, 1983, 35, 151-161.	1.7	59
52	Recruitment, abundance and production of <i>Mya arenaria</i> and <i>Cardium edule</i> in marine shallow waters, Western Sweden. Ophelia, 1983, 22, 33-55.	0.3	121
53	Maturity and growth of the Spring Spawning herring in the Kattegat-Skagerrak. Ophelia, 1982, 21, 195-204.	0.3	3
54	Production, abundance, and biomass of mobile epibenthic marine fauna in shallow waters, Western Sweden. Journal of Experimental Marine Biology and Ecology, 1982, 57, 273-301.	0.7	197

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55	Composition of herring stocks in the Skagerrak-Kattegat and the relations of these stocks with those of the North Sea and adjacent waters. <i>Fisheries Research</i> , 1981, 1, 83-104.	0.9	37
56	Delayed response to irreversible non-genetic adaptation to salinity in early development of the brachyuran crab <i>Rhithropanopeus harrisi</i> , and some notes on adaptation to temperature. <i>Ophelia</i> , 1979, 18, 97-112.	0.3	32
57	Salinity stratified benthic macrofaunal communities and long-term monitoring along the west coast of Sweden. <i>Journal of Experimental Marine Biology and Ecology</i> , 1979, 37, 175-203.	0.7	47
58	Benthic macrofaunal dynamics, production, and dispersion in an oxygen-deficient estuary of west Sweden. <i>Journal of Experimental Marine Biology and Ecology</i> , 1977, 26, 107-133.	0.7	103
59	Effects of dredging operations on estuarine benthic macrofauna. <i>Marine Pollution Bulletin</i> , 1977, 8, 102-104.	2.3	37
60	The Relation of Treatment and Ecological Effects in Brackish Water Regions. <i>Pure and Applied Chemistry</i> , 1976, 45, 199-203.	0.9	6
61	Stress Tolerance of Ecosystems. <i>Environmental Conservation</i> , 1976, 3, 43-46.	0.7	35
62	Toxic effects of aliphatic chlorinated by-products from vinyl chloride production on marine animals. <i>Water Research</i> , 1975, 9, 607-612.	5.3	9
63	Degradability of some chlorinated aliphatic hydrocarbons in sea water and sterilized water. <i>Water Research</i> , 1975, 9, 659-661.	5.3	14
64	Spatial dispersion of an estuarine benthic faunal community. <i>Journal of Experimental Marine Biology and Ecology</i> , 1974, 15, 69-80.	0.7	38
65	Biological effects and physical properties in the marine environment of aliphatic chlorinated by-products from vinyl chloride production. <i>Water Research</i> , 1972, 6, 1181-1191.	5.3	13
66	Salinity tolerance of larvae of <i>Balanus balanoides</i> (L.). <i>Ophelia</i> , 1972, 10, 11-15.	0.3	11
67	Salinity tolerance in three Scandinavian populations of <i>Littorina littorea</i> (L.) (Gastropoda). <i>Ophelia</i> , 1972, 10, 129-139.	0.3	10