Nicole B Richoux

List of Publications by Year
in descending order

53	938	394390 19	501174 28
papers	citations	h-index	g-index

53	53	53	1167
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determining spatial changes in the diet of nearshore suspension-feeders along the South African coastline: Stable isotope and fatty acid signatures. Estuarine, Coastal and Shelf Science, 2010, 87, 463-471.	2.1	66
2	Trophic ecology of dominant zooplankton and macrofauna in a temperate, oligotrophic South African estuary: a fatty acid approach. Marine Ecology - Progress Series, 2008, 357, 121-137.	1.9	48
3	Critical indirect effects of climate change on subâ€‹scp›A‹/scp›ntarctic ecosystem functioning. Ecology and Evolution, 2013, 3, 2994-3004.	1.9	42
4	Spatial and Temporal Variations in Stable Carbon (Î´13C) and Nitrogen (Î´15N) Isotopic Composition of Symbiotic Scleractinian Corals. PLoS ONE, 2013, 8, e81247.	2.5	40
5	Assessment of spatial variation in carbon utilization by benthic and pelagic invertebrates in a temperate South African estuary using stable isotope signatures. Estuarine, Coastal and Shelf Science, 2007, 71, 545-558.	2.1	39
6	Evidence of spatial and temporal changes in sources of organic matter in estuarine sediments: stable isotope and fatty acid analyses. Hydrobiologia, 2014, 732, 133-145.	2.0	36
7	Trophodynamics of three decapod crustaceans in a temperate estuary using stable isotope and fatty acid analyses. Marine Ecology - Progress Series, 2014, 504, 193-205.	1.9	33
8	Plankton trophodynamics at the subtropical convergence, Southern Ocean. Journal of Plankton Research, 2009, 31, 1059-1073.	1.8	30
9	Nature and source of suspended particulate matter and detritus along an austral temperate riverâ€“estuary continuum, assessed using stable isotope analysis. Hydrobiologia, 2016, 767, 95-110.	2.0	30
10	Seasonal and developmental variation in the fatty acid composition of Mysis mixta (Mysidacea) and Acanthostepheia malmgreni (Amphipoda) from the hyperbenthos of a cold-ocean environment (Conception Bay, Newfoundland). Journal of Plankton Research, 2005, 27, 719-733.	1.8	29
11	The role of macrophytes as a refuge and food source for the estuarine isopod Exosphaeroma hylocoetes (). Estuarine, Coastal and Shelf Science, 2009, 82, 285-293.	2.1	28
12	Phytoplankton community diversity along a river-estuary continuum. Transactions of the Royal Society of South Africa, 2014, 69, 107-116.	1.1	28
13	Trophic ecology of Grey-headed albatrosses from Marion Island, Southern Ocean: insights from stomach contents and diet tracers. Marine Biology, 2010, 157, 1755-1766.	1.5	26
14	Distribution of benthic diatom communities in a permanently open temperate estuary in relation to physico-chemical variables. South African Journal of Botany, 2016, 107, 31-38.	2.5	26
15	Dietary success of a â€˜newâ€™ key fish in an overfished ecosystem: evidence from fatty acid and stable isotope signatures. Marine Ecology - Progress Series, 2011, 428, 219-233.	1.9	25
16	Spatial and Temporal Changes in Estuarine Food Web Structure: Differential Contributions of Marsh Grass Detritus. Estuaries and Coasts, 2015, 38, 367-382.	2.2	25
17	The effect of different dietary microalgae on the fatty acid profile, fecundity and population development of the calanoid copepod Pseudodiaptomus hessei (Copepoda: Calanoida). Aquaculture, 2017, 468, 162-168.	3.5	25
18	Regulation of particle transport within the ventral groove of the mussel (Mytilus edulis) gill in response to environmental conditions. Journal of Experimental Marine Biology and Ecology, 2001, 260, 199-215.	1.5	24

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19	Trophic ecology of zooplankton at a frontal transition zone: fatty acid signatures at the subtropical convergence, Southern Ocean. Journal of Plankton Research, 2011, 33, 491-505.	1.8	19
20	Colonisation and community structure of benthic diatoms on artificial substrates following a major flood event: A case of the Kowie River (Eastern Cape, South Africa). Water S A, 2014, 40, 471.	0.4	19
21	Decoupled reciprocal subsidies of biomass and fatty acids in fluxes of invertebrates between a temperate river and the adjacent land. Aquatic Sciences, 2017, 79, 689-703.	1.5	19
22	Using multivariate analysis and stable isotopes to assess the effects of substrate type on phytobenthos communities. Inland Waters, 2014, 4, 397-412.	2.2	17
23	Stable isotope ratios indicate differential omnivory among syntopic rocky shore suspension-feeders. Marine Biology, 2014, 161, 971-984.	1.5	16
24	Seasonal changes in the lipids of Mysis mixta (Mysidacea) from the hyperbenthos of a cold-ocean environment (Conception Bay, Newfoundland). Canadian Journal of Fisheries and Aquatic Sciences, 2004, 61, 1940-1953.	1.4	15
25	Fatty acid profiles reveal temporal and spatial differentiation in diets within and among syntopic rocky shore suspension-feeders. Marine Ecology - Progress Series, 2014, 495, 143-160.	1.9	14
26	Dietary fatty acids of spiders reveal spatial and temporal variations in aquatic-terrestrial linkages. Food Webs, 2020, 24, e00152.	1.2	14
27	A re-examination of the type material of Entomoneis paludosa (W Smith) Reimer and its morphology and distribution in African waters. Fottea, 2015, 15, 11-25.	0.9	14
28	Assessment of the spatial and temporal variations in periphyton communities along a small temperate river system: A multimetric and stable isotope analysis approach. South African Journal of Botany, 2015, 100, 203-212.	2.5	13
29	Dietary tracers and stomach contents reveal pronounced alimentary flexibility in the freshwater mullet (Myxus capensis, Mugilidae) concomitant with ontogenetic shifts in habitat use and seasonal food availability. Hydrobiologia, 2017, 799, 327-348.	2.0	13
30	Tide-Induced Variations in the Fatty Acid Composition of Estuarine Particulate Organic Matter. Estuaries and Coasts, 2016, 39, 1072-1083.	2.2	12
31	Spatial and temporal variability in the nutritional quality of basal resources along a temperate river/estuary continuum. Organic Geochemistry, 2018, 116, 1-12.	1.8	12
32	Exploring the community structure of Afrotropical macroinvertebrate traits and ecological preferences along an agricultural pollution gradient in the Kat River, Eastern Cape, South Africa. Ecological Indicators, 2022, 135, 108570.	6.3	12
33	Temporal shifts in the fatty acid profiles of rocky intertidal invertebrates. Marine Biology, 2014, 161, 2199-2211.	1.5	11
34	Seasonal and developmental variation in the lipids of Acanthostepheia malmgreni (Amphipoda) from the hyperbenthos of a cold-ocean environment (Conception Bay, Newfoundland). Journal of the Marine Biological Association of the United Kingdom, 2004, 84, 1189-1197.	0.8	10
35	Influence of diet on the metabolic turnover of stable isotope ratios and fatty acids in the omnivorous shrimp Palaemon peringueyi. Marine Biology, 2016, 163, 1.	1.5	10
36	Stable isotope evidence of food web connectivity by a top predatory fish (<i>Argyrosomus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td Science, 2014, 36, 207-213.	1.1	9

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37	Macroinvertebrate functional organisation along the longitudinal gradient of an austral temperate river. African Zoology, 2017, 52, 125-136.	0.4	9
38	Trophic ecology of adult male Odonata. I. Dietary niche metrics by foraging guild, species, body size, and location. Ecological Entomology, 2018, 43, 1-14.	2.2	9
39	Culture environment and hatchery of origin influence growth, condition and feeding organ morphology in the Pacific oysterCrassostrea gigasin South Africa. African Journal of Marine Science, 2014, 36, 481-491.	1.1	8
40	Temporal variability in the isotopic niches of rocky shore grazers and suspensionâ€feeders. Marine Ecology, 2015, 36, 1045-1059.	1.1	8
41	Effects of substrate on essential fatty acids produced by phytobenthos in an austral temperate river system. Freshwater Science, 2016, 35, 1189-1201.	1.8	7
42	Trophic ecology of adult male <scp>O</scp>donata. <scp>II</scp>. <scp>D</scp>ietary contributions of aquatic food sources. Ecological Entomology, 2018, 43, 15-27.	2.2	6
43	Effects of temperature and food quality on isotopic turnover and discrimination in a cladoceran. Aquatic Ecology, 2017, 51, 33-44.	1.5	5
44	Protected nearshore shallow and deep subtidal rocky reef communities differ in their trophic diversity but not their nutritional condition. African Journal of Marine Science, 2019, 41, 103-114.	1.1	5
45	Fatty acid analyses provide novel insights on hippo defecation and consequences for aquatic food webs. Scientific Reports, 2020, 10, 12039.	3.3	5
46	Influence of an intermittent food supply on energy storage by the subpolar deposit feeder Yoldia hyperborea (Bivalvia: Nuculanidae). Polar Biology, 2013, 36, 1333-1345.	1.2	4
47	Trophic relationships of hake (Merluccius capensis and M. paradoxus) and sharks (Centrophorus squamosus, Deania calcea and D. profundorum) in the Northern (Namibia) Benguela Current region. African Zoology, 2015, 50, 273-279.	0.4	4
48	Fatty acids reveal the importance of autochthonous non-vascular plant inputs to an austral river food web. Hydrobiologia, 2018, 806, 139-156.	2.0	4
49	Food preferences of the estuarine crab Sesarma catenata estimated through laboratory experiments. Marine and Freshwater Research, 2015, 66, 750.	1.3	3
50	Characterisation of the dietary relationships of two sympatric hake species,Merluccius capensisandM. paradoxus, in the northern Benguela region using fatty acid profiles. African Journal of Marine Science, 2016, 38, 39-48.	1.1	3
51	Developmental and spatial variations in the diet signatures of hyperbenthic shrimp Nauticaris marionis at the Prince Edward Islands based on stable isotope ratios and fatty acid profiles. Continental Shelf Research, 2016, 118, 1-10.	1.8	3
52	Seasonal population dynamics and energy consumption by waterbirds in a small temperate estuary. Ostrich, 2017, 88, 45-51.	1.1	3
53	The relative importance of autochthony along the longitudinal gradient of a small South African river influenced by agricultural activities. Food Webs, 2018, 15, e00082.	1.2	3