

# Natalie A Moltschaniwskyj

## List of Publications by Year in descending order

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85  
papers

4,403  
citations

159585

30  
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110387

64  
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86  
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86  
docs citations

86  
times ranked

4937  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of reduced pH on an estuarine penaeid shrimp ( <i>Metapenaeus macleayi</i> ). <i>Environmental Pollution</i> , 2021, 268, 115929.	7.5	5
2	Survival, Growth, and Metabolic Changes in Eastern School Prawn ( <i>Metapenaeus macleayi</i> ) across a Spectrum of Salinities. <i>Thalassas</i> , 2021, 37, 97-106.	0.5	1
3	Mapping the intangibles: Cultural ecosystem services derived from Lake Macquarie estuary, New South Wales, Australia. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 243, 106885.	2.1	3
4	Lethal and sub-lethal effects of environmentally relevant levels of imidacloprid pesticide to Eastern School Prawn, <i>Metapenaeus macleayi</i> . <i>Science of the Total Environment</i> , 2020, 742, 140449.	8.0	16
5	Estuarine cultural ecosystem services valued by local people in New South Wales, Australia, and attributes important for continued supply. <i>Ocean and Coastal Management</i> , 2020, 190, 105160.	4.4	23
6	Lethal and sublethal effects of simultaneous exposure to hypoxia and aluminium on juvenile eastern school prawn. <i>Marine and Freshwater Research</i> , 2020, 71, 697.	1.3	1
7	Lethal and Sub-Lethal Effects of Aluminium on a Juvenile Penaeid Shrimp. <i>Thalassas</i> , 2019, 35, 359-368.	0.5	11
8	Do conventional cooking methods alter concentrations of per- and polyfluoroalkyl substances (PFASs) in seafood?. <i>Food and Chemical Toxicology</i> , 2019, 127, 280-287.	3.6	22
9	Redmap Australia: Challenges and Successes With a Large-Scale Citizen Science-Based Approach to Ecological Monitoring and Community Engagement on Climate Change. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	57
10	Illegal recreational fishing causes a decline in a fishery targeted species (Snapper: <i>Chrysophrys</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	2.5	33
11	Using macrofaunal communities to inform estuarine classification. <i>Marine and Freshwater Research</i> , 2019, 70, 371.	1.3	2
12	Environmentally Driven Changes in Fatty Acid Profiles of a Commercially Important Penaeid Prawn. <i>Estuaries and Coasts</i> , 2019, 42, 528-536.	2.2	7
13	Shell shape and meat condition in selectively bred Sydney rock oysters, <i>Saccostrea glomerata</i> (Gould, 1850): The influence of grow-out methods. <i>Aquaculture Research</i> , 2018, 49, 1189-1199.	1.8	6
14	Preface: Recent advances in knowledge of the life of cephalopods. <i>Hydrobiologia</i> , 2018, 808, 1-4.	2.0	3
15	Assessment of rock pool fish assemblages along a latitudinal gradient. <i>Marine Biodiversity</i> , 2018, 48, 1147-1158.	1.0	10
16	Direct and Indirect Interactions Between Lower Estuarine Mangrove and Saltmarsh Habitats and a Commercially Important Penaeid Shrimp. <i>Estuaries and Coasts</i> , 2018, 41, 815-826.	2.2	20
17	Population genetic signatures of a climate change driven marine range extension. <i>Scientific Reports</i> , 2018, 8, 9558.	3.3	31
18	Functional role of the soft coral <i>Dendronephthya australis</i> in the benthic food web of temperate estuaries. <i>Marine Ecology - Progress Series</i> , 2018, 593, 61-72.	1.9	9

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19	Recruitment and connectivity influence the role of seagrass as a penaeid nursery habitat in a wave dominated estuary. <i>Science of the Total Environment</i> , 2017, 584-585, 622-630.	8.0	42
20	The role of connectivity and physicochemical conditions in effective habitat of two exploited penaeid species. <i>Ecological Indicators</i> , 2017, 80, 1-11.	6.3	28
21	Depuration of perfluoroalkyl substances from the edible tissues of wild-caught invertebrate species. <i>Science of the Total Environment</i> , 2017, 581-582, 258-267.	8.0	29
22	Identifying major events in two sturgeons' life using pectoral fin spine ring structure: exploring the use of a non-destructive method. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18554-18562.	5.3	8
23	Rapid salinity changes affect the survival and physiology of a penaeid prawn: Implications of flood events on recruitment to the fishery. <i>Fisheries Management and Ecology</i> , 2017, 24, 478-487.	2.0	8
24	A systematic quantitative review of coastal and marine cultural ecosystem services: Current status and future research. <i>Marine Policy</i> , 2016, 74, 25-32.	3.2	92
25	Exploring recreational fishers' perceptions, attitudes, and support towards a multiple-use marine protected area six years after implementation. <i>Marine Policy</i> , 2016, 73, 138-145.	3.2	32
26	Reproductive capacity of a marine species ( <i>Octopus tetricus</i> ) within a recent range extension area. <i>Marine and Freshwater Research</i> , 2015, 66, 999.	1.3	17
27	Rapid assessment of an ocean warming hotspot reveals high confidence in potential species' range extensions. <i>Global Environmental Change</i> , 2015, 31, 28-37.	7.8	88
28	Combining statolith element composition and Fourier shape data allows discrimination of spatial and temporal stock structure of arrow squid ( <i>Nototodarus Gouldi</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 1609-1618.	1.4	17
29	An assessment of the effectiveness of in-situ signage in multiple-use marine protected areas in providing information to different recreational users. <i>Marine Policy</i> , 2015, 56, 78-85.	3.2	17
30	World Squid Fisheries. <i>Reviews in Fisheries Science and Aquaculture</i> , 2015, 23, 92-252.	9.1	211
31	Early post-settlement mortality of the scallop <i>Pecten fumatus</i> and the role of algal mats as a refuge from predation. <i>ICES Journal of Marine Science</i> , 2015, 72, 2322-2331.	2.5	2
32	Assessment of temperature or salinity effects on larval development by catecholamine-induced metamorphosis of hatchery-reared flat oyster, <i>Ostrea angasi</i> (Sowerby 1871) larvae. <i>Aquaculture Research</i> , 2015, 46, 2501-2511.	1.8	10
33	Habitat Characteristics Predicting Distribution and Abundance Patterns of Scallops in D'Entrecasteaux Channel, Tasmania. <i>PLoS ONE</i> , 2014, 9, e85895.	2.5	13
34	Body Size, Growth and Life Span: Implications for the Polewards Range Shift of <i>Octopus tetricus</i> in South-Eastern Australia. <i>PLoS ONE</i> , 2014, 9, e103480.	2.5	35
35	Hemolymph chemistry and histopathological changes in Pacific oysters ( <i>Crassostrea gigas</i> ) in response to low salinity stress. <i>Journal of Invertebrate Pathology</i> , 2014, 121, 78-84.	3.2	39
36	Transitions During Cephalopod Life History. <i>Advances in Marine Biology</i> , 2014, 67, 361-437.	1.4	39

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37	The Adaptive Response of Protein Turnover to the Energetic Demands of Reproduction in a Cephalopod. <i>Physiological and Biochemical Zoology</i> , 2013, 86, 119-126.	1.5	16
38	Assembly Rules of Reef Corals Are Flexible along a Steep Climatic Gradient. <i>Current Biology</i> , 2012, 22, 736-741.	3.9	81
39	Dietary influence on growth and development of flat oyster, <i>Ostrea angasi</i> (Sowerby, 1871), larvae. <i>Aquaculture Research</i> , 2012, 43, 1317-1327.	1.8	7
40	Predicting glycogen concentration in the foot muscle of abalone using near infrared reflectance spectroscopy (NIRS). <i>Food Chemistry</i> , 2011, 126, 1817-1820.	8.2	30
41	Elemental fingerprints of southern calamary ( <i>Sepioteuthis australis</i> ) reveal local recruitment sources and allow assessment of the importance of closed areas. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 1351-1360.	1.4	18
42	Are behavioral syndromes invariant? Spatiotemporal variation in shy/bold behavior in squid. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 693-702.	1.4	49
43	Transgenerational marking of cephalopods with an enriched barium isotope: a promising tool for empirically estimating post-hatching movement and population connectivity. <i>ICES Journal of Marine Science</i> , 2010, 67, 1372-1380.	2.5	10
44	Protein Synthesis, Degradation, and Retention: Mechanisms of Indeterminate Growth in Cephalopods. <i>Physiological and Biochemical Zoology</i> , 2010, 83, 997-1008.	1.5	28
45	Warmer temperatures reduce rates of gametogenesis in temperate mussels, <i>Mytilus galloprovincialis</i> . <i>Aquaculture</i> , 2010, 305, 20-25.	3.5	66
46	Protein synthesis in a solitary benthic cephalopod, the Southern dumpling squid ( <i>Euprymna scolopes</i> ). <i>Journal of Experimental Biology</i> , 2009, 153, 185-190.	1.8	14
47	Eye development in southern calamary, <i>Sepioteuthis australis</i> , embryos and hatchlings. <i>Marine Biology</i> , 2009, 156, 1359-1373.	1.5	13
48	Use of neuroactive catecholamines to chemically induce metamorphosis of hatchery-reared flat oyster, <i>Ostrea angasi</i> , larvae. <i>Aquaculture Research</i> , 2009, 40, 1567-1577.	1.8	13
49	Energy Storage and Reproduction in Mussels, <i>Mytilus galloprovincialis</i> : The Influence of Diet Quality. <i>Journal of Shellfish Research</i> , 2009, 28, 305-312.	0.9	39
50	Alternatives to Sectioned Otoliths: The use of other Structures and Chemical Techniques to Estimate Age and Growth for Marine Vertebrates and Invertebrates. <i>Reviews: Methods and Technologies in Fish Biology and Fisheries</i> , 2009, , 133-173.	0.6	5
51	Population dynamics of natural colonies of <i>Aurelia scyphistomae</i> in Tasmania, Australia. <i>Marine Biology</i> , 2008, 154, 661-670.	1.5	67
52	Spatio-temporal variability in reproductive ecology of sand flathead, <i>Platycephalus bassensis</i> , in three Tasmanian inshore habitats: potential implications for management. <i>Journal of Applied Ichthyology</i> , 2008, 24, 555-561.	0.7	8
53	Development of shy/bold behaviour in squid: context-specific phenotypes associated with developmental plasticity. <i>Animal Behaviour</i> , 2008, 75, 433-442.	1.9	165
54	Batch or trickle: understanding the multiple spawning strategy of southern calamary, <i>Sepioteuthis australis</i> (Mollusca : Cephalopoda). <i>Marine and Freshwater Research</i> , 2008, 59, 987.	1.3	3

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55	Ecological and functional changes associated with long-term recovery from organic enrichment. <i>Marine Ecology - Progress Series</i> , 2008, 365, 17-24.	1.9	22
56	Phase Shifts, Herbivory, and the Resilience of Coral Reefs to Climate Change. <i>Current Biology</i> , 2007, 17, 360-365.	3.9	1,239
57	Asexual reproduction in scyphistomae of <i>Aurelia</i> sp.: Effects of temperature and salinity in an experimental study. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 353, 107-114.	1.5	87
58	Abiotic influences on embryo growth: statoliths as experimental tools in the squid early life history. <i>Reviews in Fish Biology and Fisheries</i> , 2007, 17, 101-110.	4.9	22
59	The effects of egg position, egg mass size, substrate and biofouling on embryo mortality in the squid <i>Sepioteuthis australis</i> . <i>Reviews in Fish Biology and Fisheries</i> , 2007, 17, 173-182.	4.9	18
60	Spawning aggregations of squid ( <i>Sepioteuthis australis</i> ) populations: a continuum of "microcohorts". <i>Reviews in Fish Biology and Fisheries</i> , 2007, 17, 183-195.	4.9	12
61	Ethical and welfare considerations when using cephalopods as experimental animals. <i>Reviews in Fish Biology and Fisheries</i> , 2007, 17, 455-476.	4.9	123
62	Effects of hooking damage and hook type on post-release survival of sand flathead ( <i>Platycephalus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	22
63	Biological recovery from organic enrichment: some systems cope better than others. <i>Marine Ecology - Progress Series</i> , 2007, 342, 41-53.	1.9	38
64	Heritability and fitness-related consequences of squid personality traits. <i>Journal of Evolutionary Biology</i> , 2006, 19, 1437-1447.	1.7	144
65	Evidence that lipid can be digested by the dumpling squid <i>Euprymna tasmanica</i> , but is not stored in the digestive gland. <i>Marine Biology</i> , 2006, 149, 565-572.	1.5	42
66	Evaluation of short-term fallowing as a strategy for the management of recurring organic enrichment under salmon cages. <i>Marine Pollution Bulletin</i> , 2006, 52, 1458-1466.	5.0	30
67	Life history of a short-lived squid ( <i>Sepioteuthis australis</i> ): resource allocation as a function of size, growth, maturation, and hatching season. <i>ICES Journal of Marine Science</i> , 2006, 63, 995-1004.	2.5	24
68	Personality Traits in Dumpling Squid ( <i>Euprymna tasmanica</i> ) : Context-Specific Traits and Their Correlation With Biological Characteristics.. <i>Journal of Comparative Psychology (Washington, D C:)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	11
69	The digestive gland of the Southern Dumpling Squid ( <i>Euprymna tasmanica</i> ): structure and function. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 315, 177-186.	1.5	26
70	Development of the radula and digestive system of juvenile blacklip abalone ( <i>Haliotis rubra</i> ): Potential factors responsible for variable weaning success on artificial diets. <i>Aquaculture</i> , 2005, 250, 341-355.	3.5	36
71	The role of temperature and maternal ration in embryo survival: using the dumpling squid <i>Euprymna tasmanica</i> as a model. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 307, 73-89.	1.5	48
72	Assessment of long term change in sediment condition after organic enrichment: defining recovery. <i>Marine Pollution Bulletin</i> , 2004, 49, 79-88.	5.0	61

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73	Inter-annual plasticity of squid life history and population structure: ecological and management implications. <i>Oecologia</i> , 2004, 139, 515-524.	2.0	68
74	Understanding the process of growth in cephalopods. <i>Marine and Freshwater Research</i> , 2004, 55, 379.	1.3	50
75	The effect of variability in growth on somatic condition and reproductive status in the southern calamary <i>Sepioteuthis australis</i> . <i>Marine and Freshwater Research</i> , 2004, 55, 423.	1.3	25
76	Spatial and seasonal variation in reproductive characteristics and spawning of southern calamary ( <i>Sepioteuthis australis</i> ): spreading the mortality risk. <i>ICES Journal of Marine Science</i> , 2004, 61, 921-927.	2.5	7
77	Embryonic development of southern calamary ( <i>Sepioteuthis australis</i> ) within the constraints of an aggregated egg mass. <i>Marine and Freshwater Research</i> , 2003, 54, 217.	1.3	28
78	Limited use of stored energy reserves for reproduction by the tropical loliginid squid <i>Photololigo</i> sp.. <i>Journal of Zoology</i> , 2000, 251, 307-313.	1.7	52
79	Growth and tissue composition as a function of feeding history in juvenile cephalopods. <i>Journal of Experimental Marine Biology and Ecology</i> , 2000, 253, 229-241.	1.5	16
80	Somatic growth processes: how are they altered in captivity?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 1133-1139.	2.6	18
81	Analysis of precision in statolith derived age estimates of the tropical squid <i>Photololigo</i> (Cephalopoda: Loliginidae). <i>ICES Journal of Marine Science</i> , 1999, 56, 221-227.	2.5	12
82	Patterns of recruitment and abundance of corals along the Great Barrier Reef. <i>Nature</i> , 1999, 397, 59-63.	27.8	321
83	Effect of temperature and food levels on the growth and condition of juvenile <i>Sepia elliptica</i> (Hoyle) Tj ETQq1 1 0.784314 rgBT /Overl 289-302.	1.5	29
84	Changes in mantle muscle structure associated with growth and reproduction in the tropical squid <i>Photololigo</i> sp. (Cephalopoda: Loliginidae). <i>Journal of Molluscan Studies</i> , 1997, 63, 290-293.	1.2	3
85	Daily Otolith increments in juvenile tropical Parrotfishes and Surgeonfishes. <i>Marine and Freshwater Research</i> , 1992, 43, 973.	1.3	10