

Article Title	Authors	Source	Volume	Issue	Pages	Publication Times	Cites	Link	DOI
Global Carbon Cycle	Le Quere, C	EARTH SYSTEMS SCIENCE DISCUSSIONS	8		2 605-649	2016	564	https://doi.org/10.5194/essd-8-605-2016	
Global Carbon Cycle	Le Quere, C	EARTH SYSTEMS SCIENCE DISCUSSIONS	7		2 349-396	2015	387	https://doi.org/10.5194/essd-7-349-2015	
Global Carbon Cycle	Le Quere, C	EARTH SYSTEMS SCIENCE DISCUSSIONS	10		4 2141-2194	2018	277	https://doi.org/10.5194/essd-10-2141-2018	
A Vulnerability Index	Hare, Jonathan	PLOS ONE	11		2 n/a	2016	140	https://doi.org/10.1371/journal.pone.0146756	
A multi-decadal trend in the North Atlantic	Bakker, Doornik	EARTH SYSTEMS SCIENCE DISCUSSIONS	8		2 383-413	2016	135	https://doi.org/10.5194/essd-8-383-2016	
Vulnerability of the North Atlantic	Ekstrom, J	NATURE CLIMATE	5		3 207-214	2015	126	https://doi.org/10.1038/NCLIMATE2508	
Impacts of the 2014-2015 El Niño	Barton, Alan	OCEANOGRAPHY	28		2 146-159	2015	102	https://doi.org/10.5670/oceanog.2015.38	
Large Natural Variability in the North Atlantic	Baumann, Gert	ESTUARIES AND COASTAL SCIENCE	38		1 220-231	2015	99	https://doi.org/10.1007/s12237-014-9800-y	
And on Top of the Mountains	Breitbart, J	OCEANOGRAPHY	28		2 48-61	2015	90	https://doi.org/10.5670/oceanog.2015.31	
State of the North Atlantic	Arndt, D. S	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	97		8 S1-S275	2016	87	https://doi.org/10.1175/BAMS-D-15-0232.1	
Hypoxia and the North Atlantic	Gobler, Chris	BIOLOGY LETTERS	12		5 n/a	2016	75	https://doi.org/10.1098/rsbl.2015.0976	
Modulation of the North Atlantic	Renault, L	JOURNAL OF CLIMATE	46		6 1685-1704	2016	71	https://doi.org/10.1175/JPO-D-15-0232.1	
Shift from a warm to a cold state	Enochs, I. C	NATURE CLIMATE	5		12 1083-+	2015	67	https://doi.org/10.1038/NCLIMATE2758	
Coral mortality in the North Atlantic	DeCarlo, T	GEOLOGY	43		1 10-Jul	2015	66	https://doi.org/10.1130/G36147.1	
Ocean acidification in the North Atlantic	Mathis, J. T	PROGRESS IN OCEANOGRAPHY	136	n/a	71-91	2015	62	https://doi.org/10.1016/j.pocean.2014.07.001	
A Synthesis of the North Atlantic	Woodgate, G	OCEANOGRAPHY	28		3 46-67	2015	62	https://doi.org/10.5670/oceanog.2015.57	
Loss of coral in the North Atlantic	Perry, Chris	NATURE	558		7710 396-+	2018	59	https://doi.org/10.1038/s41586-018-0194-z	
Climatology of the North Atlantic	Jiang, Li-Qi	GLOBAL BIOMASS BIOMODIFICATION	29		10 1656-1673	2015	58	https://doi.org/10.1002/2015GB005198	
A high-frequency variability in the North Atlantic	Sutton, A. J	EARTH SYSTEMS SCIENCE DISCUSSIONS	6		2 353-366	2014	54	https://doi.org/10.5194/essd-6-353-2014	
Shotgun precipitation in the North Atlantic	Timmins-Schneeberger, M	BMC GENOMICS	15	n/a	n/a	2014	52	https://doi.org/10.1186/1471-2164-15-951	
Persistent variability in the North Atlantic	Chan, F.; B	SCIENTIFIC DATA	7	n/a	n/a	2017	49	https://doi.org/10.1038/s41598-017-02777-y	
The oceanic circulation in the North Atlantic	Gruber, Nico	SCIENCE	363		6432 1193-+	2019	48	https://doi.org/10.1126/science.aau5153	
STATE OF THE CLIMATE IN THE NORTH ATLANTIC	Arndt, D. S	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	96		7 S1-S267	2015	46	https://doi.org/10.1175/2015BAMSStateoftheClimate.1	
Dissolution of the North Atlantic	Bednarsek, J	PLOS ONE	9		10 n/a	2014	46	https://doi.org/10.1371/journal.pone.0109183	
Chemical and biological variability in the North Atlantic	Feely, Richard	ESTUARINE, COASTAL AND SHELF SCIENCE	183	n/a	260-270	2016	46	https://doi.org/10.1016/j.ecss.2016.08.043	
Galapagos Current in the North Atlantic	Manzello, L	GEOPHYSICAL RESEARCH LETTERS	41		24 9001-9008	2014	44	https://doi.org/10.1002/2014GL062501	
An inter-decadal variability in the North Atlantic	Bockmon, I	MARINE CHEMISTRY	171	n/a	36-43	2015	44	https://doi.org/10.1016/j.marchem.2015.02.002	
Vulnerability of the North Atlantic	DePasquale, M	MARINE ECOLOGY PROGRESS SERIES	523	n/a	145-156	2015	41	https://doi.org/10.3354/meps11142	
Global niches in the North Atlantic	Bianchi, Daan	NATURE GEOSCIENCE	11		4 263-+	2018	41	https://doi.org/10.1038/s41561-018-0081-0	
Ocean acidification in the North Atlantic	Wanninkhof, H	CONTINENTAL SHELF RESEARCH	98	n/a	54-71	2015	40	https://doi.org/10.1016/j.csr.2015.02.008	
Changes in the North Atlantic	Bednarsek, J	MARINE ECOLOGY PROGRESS SERIES	523	n/a	93-103	2015	39	https://doi.org/10.3354/meps11199	
Ocean and climate variability in the North Atlantic	Gledhill, D	OCEANOGRAPHY	28		2 182-197	2015	38	https://doi.org/10.5670/oceanog.2015.41	
Ocean acidification in the North Atlantic	Enochs, I	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	91		2 271-290	2015	36	https://doi.org/10.5343/bms.2014.1045	
Interpretation of the North Atlantic	Reum, Jonathan	ICES JOURNAL OF MARINE SCIENCE	73		3 582-595	2016	35	https://doi.org/10.1093/icesjms/fsu231	
Including the North Atlantic	Takeishi, T	BIOGEOCHEMICAL GEOPHYSICAL RESEARCH LETTERS	12		19 5853-5870	2015	35	https://doi.org/10.5194/bg-12-5853-2015	
Pteropods in the North Atlantic	Bednarsek, J	PROGRESS IN OCEANOGRAPHY	145	n/a	24-Jan	2016	34	https://doi.org/10.1016/j.pocean.2016.04.002	
Enhanced variability in the North Atlantic	Enochs, I	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES	283		1842 n/a	2016	34	https://doi.org/10.1098/rspb.2016.1742	
Control and variability in the North Atlantic	Renault, L	JOURNAL OF CLIMATE	46		11 3439-3453	2016	34	https://doi.org/10.1175/JPO-D-16-0115.1	
Contribution of the North Atlantic	Yang, B	MARINE CHEMISTRY	176	n/a	199-207	2015	34	https://doi.org/10.1016/j.marchem.2015.09.008	
Genotype diversity in the North Atlantic	Drury, Cray	PLOS ONE	12		3 n/a	2017	33	https://doi.org/10.1371/journal.pone.0174000	
Risks of ocean acidification in the North Atlantic	Marshall, K	GLOBAL CHANGE BIOLOGY	23		4 1525-1539	2017	32	https://doi.org/10.1111/gcb.13594	
Diurnal flux variability in the North Atlantic	Clark, Han	MARINE ECOLOGY PROGRESS SERIES	558	n/a	14-Jan	2016	32	https://doi.org/10.3354/meps11852	
Experimental variability in the North Atlantic	Siedlecki, S	SCIENTIFIC DATA	6	n/a	n/a	2016	30	https://doi.org/10.1038/srep27203	
An Integrated Assessment of the North Atlantic	Cooley, Sar	PLOS ONE	10		5 n/a	2015	30	https://doi.org/10.1371/journal.pone.0124145	
Taking the North Atlantic	Cyronak, T	PLOS ONE	13		1 n/a	2018	28	https://doi.org/10.1371/journal.pone.0190872	
Core Principles of the North Atlantic	McLaughlin, T	OCEANOGRAPHY	28		2 160-169	2015	27	https://doi.org/10.5670/oceanog.2015.39	
Sea surface temperature variability in the North Atlantic	Xue, Liang	PROGRESS IN OCEANOGRAPHY	140	n/a	14-26	2016	26	https://doi.org/10.1016/j.pocean.2015.09.008	
Recent decadal variability in the North Atlantic	Manzello, L	MARINE ECOLOGY PROGRESS SERIES	521	n/a	81-89	2015	26	https://doi.org/10.3354/meps11085	
Partial decadal variability in the North Atlantic	Renault, L	NATURE GEOSCIENCE	9		7 505-+	2016	26	https://doi.org/10.1038/NGEO2722	
Ocean Acidification in the North Atlantic	Mathis, Jer	OCEANOGRAPHY	28		2 122-135	2015	26	https://doi.org/10.5670/oceanog.2015.36	
Biogeochemistry of the North Atlantic	Fennel, Kat	ANNUAL REVIEW OF MARINE SCIENCE	11	n/a	105-130	2019	26	https://doi.org/10.1146/annurev-marine-010318-095138	
Autonomous variability in the North Atlantic	Gray, Aliso	GEOPHYSICAL RESEARCH LETTERS	45		17 9049-9057	2018	26	https://doi.org/10.1029/2018GL078013	
Using pressure variability in the North Atlantic	Sutton, A	BIOGEOCHEMICAL GEOPHYSICAL RESEARCH LETTERS	13		17 5065-5083	2016	24	https://doi.org/10.5194/bg-13-5065-2016	
Internal variability in the North Atlantic	Patsavas, N	MARINE CHEMISTRY	176	n/a	20-Sep	2015	24	https://doi.org/10.1016/j.marchem.2015.06.022	
A quantitative assessment of the North Atlantic	Malvezzi, A	EVOLUTIONARY BIOLOGY	8		4 352-362	2015	24	https://doi.org/10.1111/eva.12248	
Exposure history of the North Atlantic	Bednarsek, J	SCIENTIFIC DATA	7	n/a	n/a	2017	23	https://doi.org/10.1038/s41598-017-03934-z	
New ocean acidification in the North Atlantic	Bednarsek, J	ECOLOGICAL APPLICATIONS	76	n/a	240-244	2017	22	https://doi.org/10.1016/j.ecolind.2017.01.025	
Net community production in the North Atlantic	Fassbender, G	GLOBAL BIOMASS BIOMODIFICATION	30		2 250-267	2016	22	https://doi.org/10.1002/2015GB005205	
The combined effects of ocean acidification and warming in the North Atlantic	Feely, Rich	CONTINENTAL SHELF RESEARCH	152	n/a	50-60	2018	21	https://doi.org/10.1016/j.csr.2017.11.002	
Robust Sensitivity Analysis of the North Atlantic	Sen, G	ENVIRONMENTAL SCIENCE AND TECHNOLOGY	49		6 3628-3635	2015	21	https://doi.org/10.1021/es5047183	

Global effects of climate change on marine biodiversity	Lotze, Heik	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES	116	26	12907-129	2019	21	https://doi.org/10.1073/pnas.1900194116
Effects of climate change on marine biodiversity	King, Andrew	MARINE ECOSYSTEMS	537	n/a	59-69	2015	21	https://doi.org/10.3354/meps11458
Repeat bleaching events in the Great Barrier Reef	Barkley, Hannah	COMMUNICATIONS OF THE INTERNATIONAL ASSOCIATION OF MARINE SCIENTISTS	1	n/a	n/a	2018	20	https://doi.org/10.1038/s42003-018-0183-7
Ocean Acidification and the Future of Marine Life	Boehm, Alexander	OCEANOGRAPHY	28	2	170-181	2015	20	https://doi.org/10.5670/oceanog.2015.40
Ocean Acidification and the Future of Marine Life	Young, Craig	PLOS ONE	11	5	n/a	2016	20	https://doi.org/10.1371/journal.pone.0155152
Marked and unmarked coral reef fish	Gintert, Bruce	CORAL REEF ECOSYSTEMS	37	2	533-547	2018	19	https://doi.org/10.1007/s00338-018-1678-x
Estimates of coral reef fish abundance	Busch, D. S.	PLOS ONE	11	8	n/a	2016	19	https://doi.org/10.1371/journal.pone.0160669
Tropical Pacific coral reef fish	Smith, Neville	FRONTIERS IN MARINE SCIENCE	6	n/a	n/a	2019	18	https://doi.org/10.3389/fmars.2019.00031
Effect of climate change on marine biodiversity	Perry, David	ECOLOGICAL APPLICATIONS	5	18	4187-4196	2015	18	https://doi.org/10.1002/ece3.1678
Climate change and marine biodiversity	Busch, D. S.	MARINE POLYMER POLLUTION	74	n/a	58-67	2016	18	https://doi.org/10.1016/j.marpol.2016.09.001
Benthic macroalgae and climate change	Lebrato, M.	GLOBAL BIODIVERSITY	30	7	1038-1053	2016	18	https://doi.org/10.1002/2015GB005260
On the future of coral reef fish	Roemmich, J.	FRONTIERS IN MARINE SCIENCE	6	n/a	n/a	2019	17	https://doi.org/10.3389/fmars.2019.00439
Gauging the impact of climate change on marine biodiversity	Frisch, L. C.	MARINE POLYMER POLLUTION	53	n/a	101-110	2015	17	https://doi.org/10.1016/j.marpol.2014.11.022
Evidence of climate change on marine biodiversity	Mathis, Jerrold	DEEP-SEA RESEARCH	109	n/a	125-133	2014	17	https://doi.org/10.1016/j.dsr2.2013.07.019
A guinea pig for climate change	Kaplan, Isaac	ICES JOURNAL OF MARINE SCIENCE	73	7	1715-1724	2016	17	https://doi.org/10.1093/icesjms/fsw047
The tropical Pacific coral reef fish	Foltz, G. R.	FRONTIERS IN MARINE SCIENCE	6	n/a	n/a	2019	16	https://doi.org/10.3389/fmars.2019.00206
Oceanographic and limnological studies	Georgian, S.	LIMNOLOGY AND OCEANOGRAPHY	61	2	648-665	2016	16	https://doi.org/10.1002/lno.10242
Oceanographic and limnological studies	Olsen, Erik	FRONTIERS IN MARINE SCIENCE	5	n/a	n/a	2018	16	https://doi.org/10.3389/fmars.2018.00064
Elevated CO2 and marine biodiversity	Williams, C.	GLOBAL CHANGE BIOLOGY	25	3	963-977	2019	16	https://doi.org/10.1111/gcb.14532
Understanding the impact of climate change on marine biodiversity	Busch, D. S.	OCEANOGRAPHY	28	2	30-39	2015	15	https://doi.org/10.5670/oceanog.2015.29
Ocean acidification and marine biodiversity	Meseck, Shari	PLOS ONE	11	2	n/a	2016	15	https://doi.org/10.1371/journal.pone.0148477
Response of coral reef fish to climate change	Caron, David	ESTUARINE COASTAL AND MARINE SCIENCE	186	n/a	223-236	2017	14	https://doi.org/10.1016/j.ecss.2015.09.013
Rapid nitrogen fixation in coral reef fish	McLaughlin, M.	ESTUARINE COASTAL AND MARINE SCIENCE	186	n/a	263-275	2017	14	https://doi.org/10.1016/j.ecss.2016.05.013
Exceptional coral reef fish	Wetz, Michael	ESTUARINE COASTAL AND MARINE SCIENCE	188	n/a	27-37	2017	14	https://doi.org/10.1016/j.ecss.2017.02.001
Estimating the impact of climate change on marine biodiversity	Fassbender, J.	ESTUARIES AND COASTAL MARINE SCIENCE	40	2	404-418	2017	14	https://doi.org/10.1007/s12237-016-0168-z
Ecological impacts of climate change on marine biodiversity	Testa, Jere	BIOSCIENCE	67	7	614-626	2017	14	https://doi.org/10.1093/biosci/bix048
The carbon cycle in coral reef fish	Hales, Burk	ESTUARIES AND COASTAL MARINE SCIENCE	40	1	173-186	2017	13	https://doi.org/10.1007/s12237-016-0136-7
Redox reactions in coral reef fish	Cai, Wei-Ju	NATURE COMMUNICATIONS	8	n/a	n/a	2017	13	https://doi.org/10.1038/s41467-017-00417-7
Expected impacts of climate change on marine biodiversity	Kowalik, D.	ECOLOGICAL APPLICATIONS	28	7	1694-1714	2018	13	https://doi.org/10.1002/eap.1771
Elevated CO2 and marine biodiversity	Enochs, Ian	PLOS ONE	11	7	n/a	2016	13	https://doi.org/10.1371/journal.pone.0159818
An evaluation of climate change impacts on marine biodiversity	McLaughlin, M.	REGIONAL ENVIRONMENTAL MANAGEMENT	12	n/a	18-Nov	2017	13	https://doi.org/10.1016/j.rsma.2017.02.008
An automated system for monitoring coral reef fish	Liu, Xuewu	MARINE CHEMISTRY	174	n/a	141-146	2015	13	https://doi.org/10.1016/j.marchem.2015.06.008
Rapid warming in coral reef fish	Salisbury, J.	BIOGEOCHEMISTRY	141	3	401-418	2018	12	https://doi.org/10.1007/s10533-018-0505-3
Effects of climate change on marine biodiversity	Punt, Andrew	ICES JOURNAL OF MARINE SCIENCE	73	3	849-864	2016	12	https://doi.org/10.1093/icesjms/fsv205
Beyond the Great Barrier Reef	Rivest, Emi	ECOLOGICAL APPLICATIONS	36	n/a	209-220	2016	12	https://doi.org/10.1016/j.ecoinf.2016.08.005
Responses of coral reef fish to climate change	Yao, Hongrui	LIMNOLOGY AND OCEANOGRAPHY	62	n/a	S112-S130	2017	11	https://doi.org/10.1002/lno.10646
New insights into coral reef fish	Howard, M.	ESTUARINE COASTAL AND MARINE SCIENCE	186	n/a	163-170	2017	11	https://doi.org/10.1016/j.ecss.2016.06.028
Influence of climate change on marine biodiversity	Chapa-Balcazar, J.	JOURNAL OF CLIMATE	120	12	7752-7770	2015	11	https://doi.org/10.1002/2015JC011249
Horizontal mixing in coral reef fish	Liang, Jun-I	JOURNAL OF CLIMATE	48	9	2103-2125	2018	11	https://doi.org/10.1175/JPO-D-18-0020.1
Getting Ocean Acidification Right	Cooley, Sarah	OCEANOGRAPHY	28	2	198-211	2015	11	https://doi.org/10.5670/oceanog.2015.42
Characterizing the impact of climate change on marine biodiversity	Alin, Simon	OCEANOGRAPHY	28	2	92-107	2015	11	https://doi.org/10.5670/oceanog.2015.34
Assessing the impact of climate change on marine biodiversity	Fay, Gavin	ECOLOGICAL APPLICATIONS	347	n/a	10-Jan	2017	11	https://doi.org/10.1016/j.ecolmodel.2016.12.016
The influence of climate change on marine biodiversity	McClatchie, J.	JOURNAL OF CLIMATE	121	8	6121-6136	2016	10	https://doi.org/10.1002/2016JC011672
Survival of coral reef fish	Long, William	ICES JOURNAL OF MARINE SCIENCE	74	4	1033-1041	2017	10	https://doi.org/10.1093/icesjms/fsw197
Remarkable coral reef fish	Renault, L.	GEOPHYSICAL RESEARCH LETTERS	46	5	2743-2751	2019	10	https://doi.org/10.1029/2018GL081211
Ocean circulation and climate change	Xu, Yuan-Yi	MARINE CHEMISTRY	195	n/a	90-93	2017	10	https://doi.org/10.1016/j.marchem.2017.07.002
Molecular biology of coral reef fish	Lu, Kaijun	ENVIRONMENTAL SCIENCE AND TECHNOLOGY	52	13	7182-7191	2018	10	https://doi.org/10.1021/acs.est.8b00999
Mixed-layer depth and climate change	Fassbender, J.	GLOBAL BIODIVERSITY	31	2	272-288	2017	10	https://doi.org/10.1002/2016GB005547
A comparison of coral reef fish	Akhand, Arif	GEOPHYSICAL RESEARCH LETTERS	43	22	11726-117	2016	10	https://doi.org/10.1002/2016GL070716
Seasonal variability in coral reef fish	Kim, Tae-V	GEOPHYSICAL RESEARCH LETTERS	42	11	4498-4506	2015	9	https://doi.org/10.1002/2015GL063602
Sea surface temperature and climate change	Xue, Liang	MARINE CHEMISTRY	195	n/a	27-40	2017	9	https://doi.org/10.1016/j.marchem.2017.05.009
Procedure for monitoring coral reef fish	Patsavas, N.	MARINE CHEMISTRY	168	n/a	80-85	2015	9	https://doi.org/10.1016/j.marchem.2014.10.015
How Can We Monitor Coral Reef Fish?	Salisbury, J.	OCEANOGRAPHY	28	2	108-121	2015	9	https://doi.org/10.5670/oceanog.2015.35
Exposure to coral reef fish	Miller, Jasc	MARINE BIODIVERSITY	163	5	n/a	2016	9	https://doi.org/10.1007/s00227-016-2883-1
Elevated CO2 and marine biodiversity	Hurst, Thor	FISHERIES MANAGEMENT	26	3	336-349	2017	9	https://doi.org/10.1111/fog.12195
Development of coral reef fish	McLaskey, J.	MARINE ECOSYSTEMS	555	n/a	65-78	2016	9	https://doi.org/10.3354/meps11839
Autonomous monitoring of coral reef fish	Sutton, Adi	EARTH SYSTEM SCIENCE	11	1	421-439	2019	9	https://doi.org/10.5194/essd-11-421-2019
Transdisciplinary approaches to coral reef fish	Yates, Kim	OCEANOGRAPHY	28	2	212-225	2015	8	https://doi.org/10.5670/oceanog.2015.43
Time series of coral reef fish	Reimer, Jar	CONTINENTAL SHELF RESEARCH	145	n/a	95-108	2017	8	https://doi.org/10.1016/j.csr.2017.06.022
Submesoscale processes in coral reef fish	Dauhajre, I.	JOURNAL OF CLIMATE	47	12	2949-2976	2017	8	https://doi.org/10.1175/JPO-D-16-0270.1
Ocean acidification and marine biodiversity	Coffey, Wil	JOURNAL OF CLIMATE	495	n/a	12-Jan	2017	8	https://doi.org/10.1016/j.jembe.2017.05.011

Multidecadal Reimer, Jar	JOURNAL C	122	12	10061-100	2017	8	https://gat.10.1002/2017JC013170
Metabolic i Carozza, Di	GLOBAL EC	28	2	158-169	2019	8	https://gat.10.1111/geb.12832
Global Pers Todd, Robe	FRONTIERS	6	n/a	n/a	2019	8	https://gat.10.3389/fmars.2019.00423
Effect of h) Montagna, LIMNOLOG		63	6	2465-2478	2018	8	https://gat.10.1002/lno.10953
Decadal fCi Wang, Hon	GEOPHYSIC	44	17	8962-8970	2017	8	https://gat.10.1002/2017GL074724
Death from Kudela, Raj	ESTUARINE	186	n/a	209-222	2017	8	https://gat.10.1016/j.ecss.2015.07.021
Controls or Shen, Chur	JOURNAL C	124	1	61-78	2019	8	https://gat.10.1029/2018JG004802
Biogeoche Frenger, Iv	GLOBAL BI	32	2	226-249	2018	8	https://gat.10.1002/2017GB005743
Warming a Gravinese, ESTUARINE		204	n/a	193-201	2018	7	https://gat.10.1016/j.ecss.2018.02.021
Vertical Mi Kessouri, F	JOURNAL C	123	3	1647-1669	2018	7	https://gat.10.1002/2016JC012669
The Global Sloyan, Ber	FRONTIERS	6	n/a	n/a	2019	7	https://gat.10.3389/fmars.2019.00445
Resilience i Manzello, I	MARINE BI	165	6	n/a	2018	7	https://gat.10.1007/s00227-018-3354-7
Rapid coas Claret, Mar	NATURE CL	8	10	868-+	2018	7	https://gat.10.1038/s41558-018-0263-1
Institutionæ Ekstrom, Jt	SCIENCE OI	576	n/a	599-608	2017	7	https://gat.10.1016/j.scitotenv.2016.10.114
Influence o Reyna, Nicr	FRONTIERS	4	n/a	n/a	2017	7	https://gat.10.3389/fmars.2017.00043
Extending \ Hodgson, E	PLOS ONE	11	7	n/a	2016	7	https://gat.10.1371/journal.pone.0158917
El Nino-ass Vargas-An	CORAL REE	38	4	731-741	2019	7	https://gat.10.1007/s00338-019-01838-0
El Nino-Rel Bednarsek,	FRONTIERS	5	n/a	n/a	2018	7	https://gat.10.3389/fmars.2018.00486
Data weigh Punt, Andr	FISHERIES I	192	n/a	94-102	2017	7	https://gat.10.1016/j.fishres.2015.12.010
A multi-mc Kaplan, Isa	MARINE EC	617	n/a	307-321	2019	7	https://gat.10.3354/meps12504
Temporal c Xue, L.; Yu,	BIOGEOSCI	11	22	6293-6305	2014	6	https://gat.10.5194/bg-11-6293-2014
Subannual Yang, BO; E	JOURNAL C	120	5	3805-3816	2015	6	https://gat.10.1002/2015JC010780
Short-term Xu, Yuan-Y	JOURNAL C	122	5	4274-4290	2017	6	https://gat.10.1002/2017JC012901
Seasonal c; Fassbendei	EARTH SYS	10	3	1367-1401	2018	6	https://gat.10.5194/essd-10-1367-2018
Projected i Rheuban, J	PLOS ONE	13	9	n/a	2018	6	https://gat.10.1371/journal.pone.0203536
On the Froi Evans, Wil	PLOS ONE	10	7	n/a	2015	6	https://gat.10.1371/journal.pone.0130384
Micro-CT a Enochs, I.	ICES JOURN	73	3	910-919	2016	6	https://gat.10.1093/icesjms/fsv159
Leveraging Williams, I	FRONTIERS	6	n/a	n/a	2019	6	https://gat.10.3389/fmars.2019.00222
Envirorme Robinson, J	CORAL REE	37	4	1157-1168	2018	6	https://gat.10.1007/s00338-018-01737-w
Carbon cyc Fennel, Kat	BIOGEOSCI	16	6	1281-1304	2019	6	https://gat.10.5194/bg-16-1281-2019
A Surface C Wanninkhc	FRONTIERS	6	n/a	n/a	2019	6	https://gat.10.3389/fmars.2019.00400
Spectrophc Sharp, Jonæ	ENVIRONM	51	16	9127-9136	2017	5	https://gat.10.1021/acs.est.7b02266
Seasonal p; Gomez, Fal	BIOGEOSCI	15	11	3561-3576	2018	5	https://gat.10.5194/bg-15-3561-2018
Nitrogen ai Kessouri, F	JOURNAL C	122	12	9429-9454	2017	5	https://gat.10.1002/2016JC012665
Introductio Mathis, Jer	OCEANOGR	28	2	15-Oct	2015	5	https://gat.n/a
Effects of e Hurst, Thor	ICES JOURN	73	3	981-990	2016	5	https://gat.10.1093/icesjms/fsv050
Decreased Swiney, Ka	ICES JOURN	74	4	1191-1200	2017	5	https://gat.10.1093/icesjms/fsw251
Decadal va Osborne, E	NATURE GI	13	1	43-+	2020	5	https://gat.10.1038/s41561-019-0499-z
Chesapeake Brodeur, J	FRONTIERS	6	n/a	n/a	2019	5	https://gat.10.3389/fmars.2019.00099
A Global O; Moltmann,	FRONTIERS	6	n/a	n/a	2019	5	https://gat.10.3389/fmars.2019.00291
The influen Durski, Sco	JOURNAL C	122	9	7674-7697	2017	4	https://gat.10.1002/2017JC013089
Spatial and Robbins, L.	JOURNAL C	123	9	6174-6188	2018	4	https://gat.10.1029/2018JC014195
Spatial and Nezlin, Niki	JOURNAL C	123	1	231-245	2018	4	https://gat.10.1002/2017JC013324
Seasonal v; Hu, Xinping	MARINE CH	205	n/a	16-28	2018	4	https://gat.10.1016/j.marchem.2018.07.006
Production Li, Xiaolin;	JOURNAL C	123	12	3523-3537	2018	4	https://gat.10.1029/2018JG004690
Oxygen Coi Wang, Hon	ENVIRONM	52	22	13004-130	2018	4	https://gat.10.1021/acs.est.8b02971
Evaluation Okazaki, Re	LIMNOLOG	15	6	586-600	2017	4	https://gat.10.1002/lom3.10189
ENSO-indu Gomez, Fal	SCIENTIFIC	9	n/a	n/a	2019	4	https://gat.10.1038/s41598-018-36655-y
Behavioral Andrade, Jt	JOURNAL C	140	n/a	21-Nov	2018	4	https://gat.10.1016/j.seares.2018.06.013
Baseline As Vargas-An	PLOS ONE	10	12	n/a	2015	4	https://gat.10.1371/journal.pone.0142196
A machine Chen, Shua	REMOTE SI	228	n/a	203-226	2019	4	https://gat.10.1016/j.rse.2019.04.019
Using integ Klinger, Tei	ELEMENTA	5	n/a	n/a	2017	3	https://gat.10.1525/elementa.198
Systematic Bednarsek,	FRONTIERS	6	n/a	n/a	2019	3	https://gat.10.3389/fmars.2019.00227
Recommer Saba, Graci	ESTUARINE	225	n/a	n/a	2019	3	https://gat.10.1016/j.ecss.2019.04.022
Pacific geoi Spencer, Læ	COMPARA	30	n/a	91-101	2019	3	https://gat.10.1016/j.cbd.2019.01.010
Hawaii Coa Terlouw, G	FRONTIERS	6	n/a	n/a	2019	3	https://gat.10.3389/fmars.2019.00226
Future Oce Schmidt, Jc	FRONTIERS	6	n/a	n/a	2019	3	https://gat.10.3389/fmars.2019.00550
Diurnal Evc Dauhajre, I	JOURNAL C	48	10	2343-2361	2018	3	https://gat.10.1175/JPO-D-18-0143.1
Data Mana Garcia, Her	OCEANOGR	28	2	226-228	2015	3	https://gat.n/a
Consequen Hodgson, E	ECOLOGIC/	383	n/a	106-117	2018	3	https://gat.10.1016/j.ecolmodel.2018.05.018
Aragonite c Dong, Sijia;	EARTH ANI	515	n/a	12-Jan	2019	3	https://gat.10.1016/j.epsl.2019.03.016

An estimat Zhang, Jia-; SCIENTIFIC	7 n/a	n/a	2017	3 https://gat.10.1038/s41598-017-15853-0
An Enhanc Tilbrook, Bi FRONTIERS	6 n/a	n/a	2019	3 https://gat.10.3389/fmars.2019.00337
A simplifier Amornthar ANALYST	139	20 5263-5270	2014	3 https://gat.10.1039/c4an01049c
Using mine Busch, D. S ELEMENTA	5 n/a	n/a	2017	2 https://gat.10.1525/elementa.245
Uncovering Trigg, Shell SCIENTIFIC	9 n/a	n/a	2019	2 https://gat.10.1038/s41598-019-46947-6
The relatio Paudel, Bh; REGIONAL	29 n/a	n/a	2019	2 https://gat.10.1016/j.rsma.2019.100657
Seasonal p; Mclaughlin CONTINEN	167 n/a	77-86	2018	2 https://gat.10.1016/j.csr.2018.07.009
Roles of th Yamamoto JOURNAL C	123	10 7016-7036	2018	2 https://gat.10.1029/2018JC013969
Linking kno Francis, Te; ELEMENTA	6 n/a	n/a	2018	2 https://gat.10.1525/elementa.338
Influence o Bausch, Al; MARINE BI	165	2 n/a	2018	2 https://gat.10.1007/s00227-018-3293-3
Frontal dyr Akan, Cigd; OCEAN MC	122 n/a	12-Jan	2018	2 https://gat.10.1016/j.ocemod.2017.12.001
Ethical con Hobday, Al ICES JOURN	76	5 1244-1256	2019	2 https://gat.10.1093/icesjms/fsy210
Effects of c Long, Willi; ICES JOURN	76	5 1335-1343	2019	2 https://gat.10.1093/icesjms/fsz090
Coupling Cl Sutton, Ad; OCEANOGR	28	2 28-29	2015	2 https://gat.10.5670/oceanog.2015.28
Building th Cross, Jessi FRONTIERS	6 n/a	n/a	2019	2 https://gat.10.3389/fmars.2019.00356
An evaluati Mclaughlin LIMNOLOG	15	8 679-689	2017	2 https://gat.10.1002/lom3.10191
A metadat; Jiang, L. -Q EARTH SYS	7	1 117-125	2015	2 https://gat.10.5194/essd-7-117-2015
Time of Em Turk, Dani; FRONTIERS	6 n/a	n/a	2019	1 https://gat.10.3389/fmars.2019.00091
Time of De Carter, B. R GEOPHYSIC	46	7 3853-3861	2019	1 https://gat.10.1029/2018GL080773
The effects Rossin, Ash PLOS ONE	14	4 n/a	2019	1 https://gat.10.1371/journal.pone.0203976
Seasonal C; Enochs, Iar FRONTIERS	6 n/a	n/a	2019	1 https://gat.10.3389/fmars.2019.00160
Public-Priv; Meinig, Ch; FRONTIERS	6 n/a	n/a	2019	1 https://gat.10.3389/fmars.2019.00448
Ongoing In Davis, C., V PALEOCEAI	34	9 1554-1567	2019	1 https://gat.10.1029/2019PA003578
Meeting R; Iwamoto, M FRONTIERS	6 n/a	n/a	2019	1 https://gat.10.3389/fmars.2019.00290
Large Deca Wanninkhc JOURNAL C	124	10 6960-6982	2019	1 https://gat.10.1029/2019JC015366
Inorganic n Paudel, Bh; MARINE AT	68	7 1282-1291	2017	1 https://gat.10.1071/MF16260
Evaluation Kudela, Raj ESTUARINE	186 n/a	237-249	2017	1 https://gat.10.1016/j.ecss.2016.11.010
Ecosystem Shen, Chur JOURNAL C	124	8 6141-6153	2019	1 https://gat.10.1029/2019JC015296
Eco-physio Engstrom-(SCIENTIFIC	9 n/a	n/a	2019	1 https://gat.10.1038/s41598-019-41213-1
Characteris McCutche ESTUARIES	42	6 1509-1523	2019	1 https://gat.10.1007/s12237-019-00588-0
Wind-drive Huang, We JOURNAL C	195 n/a	67-73	2019	0 https://gat.10.1016/j.jmarsys.2019.03.002
Physical an Jiang, Zong JOURNAL C	124	8 5979-5998	2019	0 https://gat.10.1029/2019JC015140
Elevated C; Hurst, Thor MARINE EN	145 n/a	52-65	2019	0 https://gat.10.1016/j.marenvres.2019.02.004
Ecological ; Andersson, REGIONAL	29 n/a	n/a	2019	0 https://gat.10.1016/j.rsma.2019.100677
A STATUS f Neuman, M JOURNAL C	37	4 869-910	2018	0 https://gat.10.2983/035.037.0415

Accession ID	DOI	Pubmed ID	Article Title	Authors	Source	Research A Document	Volume	Issue	Pages	Publication Times	Citec Link	Journal Exp	Category E	Journal No	Category N	Percentile i	Journal Impact Factor
WOS:0003:	10.5194/esn/a		Global Carl Le Quere, C	EARTH SYS	GEOSCIENC	Data Paper	8		2 605-649	2016	564 https://gat	50.5	44.31	11.17	12.7298	2.1277	9.197
WOS:0003:	10.5194/esn/a		Global Carl Le Quere, C	EARTH SYS	GEOSCIENC	Data Paper	7		2 349-396	2015	387 https://gat	41.68	34.47	9.29	11.227	2.9412	9.197
WOS:0004:	10.5194/esn/a		Global Carl Le Quere, C	EARTH SYS	METEOROL	Data Paper	10		4 2141-2194	2018	277 https://gat	24.24	23.55	11.43	11.7643	3.125	9.197
WOS:0003:	10.1371/jo	MEDLINE:2	A Vulnerab Hare, Jonai	PLOS ONE	FISHERIES	Article	11		2 n/a	2016	140 https://gat	10.34568	8.05	13.53	17.3938	0.1245	2.74
WOS:0003:	10.5194/esn/a		A multi-dex Bakker, Do	EARTH SYS	GEOSCIENC	Data Paper	8		2 383-413	2016	135 https://gat	50.5	44.31	2.67	3.047	10.6383	9.197
WOS:0003:	10.1038/N/n/a		Vulnerabili Ekstrom, Ju	NATURE CL	ENVIRONM	Article	5		3 207-214	2015	126 https://gat	91.15603	15.38	1.38	8.1901	0.6801	20.893
WOS:0003:	10.5670/ocn/a		Impacts of Barton, Ala	OCEANOGF	OCEANOGF	Article	28		2 146-159	2015	102 https://gat	18.87931	11.38	5.4	8.9666	0.2903	3.431
WOS:0003:	10.1007/s1n/a		Large Natu Baumann, E	ESTUARIES	MARINE &	Article	38		1 220-231	2015	99 https://gat	12.96923	13.72	7.63	7.2182	0.4164	2.319
WOS:0003:	10.5670/ocn/a		And on Top Breitburg, I	OCEANOGF	OCEANOGF	Article	28		2 48-61	2015	90 https://gat	18.87931	11.38	4.77	7.9117	0.3871	3.431
WOS:0003:	n/a		State of the Arndt, D. S	BULLETIN C	METEOROL	Article	97		8 S1-5275	2016	87 https://gat	22.47134	13.14	3.87	6.6191	1.049	9.384
WOS:0003:	10.1098/rs	MEDLINE:2	Hypoxia an Gobler, Chi	BIOLOGY LI	BIOLOGY;	E Review	12		5 n/a	2016	75 https://gat	33.5	29.21	2.24	2.5675	2.6798	2.869
WOS:0003:	10.1175/JP	n/a	Modulatio Renault, Li	JOURNAL C	OCEANOGF	Article	46		6 1685-1704	2016	71 https://gat	14.26699	8.67	4.98	8.1849	0.3613	3.318
WOS:0003:	10.1038/N/n/a		Shift from Enochs, L. C	NATURE CL	ENVIRONM	Article	5		12 1083+	2015	67 https://gat	91.15603	15.38	0.74	4.355	2.2734	20.893
WOS:0003:	10.1130/G/n/a		Coral macr DeCarlo, T	GEOLOGY	GEOLOGY	Article	43		1 10-Jul	2015	66 https://gat	25.94074	10.51	2.54	6.2768	1.1059	4.768
WOS:0003:	10.1016/j.r	n/a	Ocean acid Mathis, J. T	PROGRESS	OCEANOGF	Article	136	n/a	71-91	2015	62 https://gat	25.49738	29.2	2.43	2.1234	12.8205	4.06
WOS:0003:	10.5670/ocn/a		A Synthesis Woodgate, O	OCEANOGF	OCEANOGF	Article	28		3 46-67	2015	62 https://gat	18.87931	11.38	3.28	5.4503	1.2028	3.431
WOS:0004:	10.1038/s4	MEDLINE:2	Loss of cor Perry, Chris	NATURE	MULTIDISC	Article	558		7710 396+	2018	59 https://gat	65.87141	7.3	0.9	8.078	1.3519	42.778
WOS:0003:	10.1002/2	n/a	Climatologi Jiang, Li-Qi	GLOBAL BI	GEOSCIENC	Article	29		10 1656-1673	2015	58 https://gat	25.03937	16.22	2.32	3.5765	2.7761	4.608
WOS:0003:	10.5194/esn/a		A high-freq Sutton, A. J	EARTH SYS	GEOSCIENC	Data Paper	6		2 353-366	2014	54 https://gat	37.44	37.44	1.44	1.4423	24	9.197
WOS:0003:	10.1186/1	MEDLINE:2	Shotgun pr Timmins-Sr	BMC GENO	BIOTECHN	Article	15	n/a	n/a	2014	52 https://gat	24.28271	20.98	2.14	2.4788	6.0095	3.594
WOS:0004:	10.1038/s4	MEDLINE:3	Persistent Chan, F.; B.	SCIENTIFIC	ECOLOGY	Article	7	n/a	n/a	2017	49 https://gat	10.58916	9.06	4.63	5.4069	1.4723	3.998
WOS:0004:	10.1126/sc	MEDLINE:3	The oceani Gruber, Nic	SCIENCE	GEOSCIENC	Article	363		6432 1193+	2019	48 https://gat	21.99578	2.07	2.18	23.1914	0.0598	41.845
WOS:0003:	10.1175/2	n/a	STATE OF T Arndt, D. S	BULLETIN C	METEOROL	Article	96		7 S1-5267	2015	46 https://gat	43.78621	17.18	1.05	2.6773	6.4599	9.384
WOS:0003:	10.1371/jo	MEDLINE:2	Dissolution Bednarsek, P	LOS ONE	OCEANOGF	Article	9		10 n/a	2014	46 https://gat	18.32387	13.63	2.51	3.3757	3.7466	2.74
WOS:0003:	10.1016/j.e	n/a	Chemical a Feely, Rich	ESTUARINE	MARINE &	Article	183	n/a	260-270	2016	46 https://gat	10.96644	8.66	4.19	5.3115	1.2199	2.333
WOS:0003:	10.1002/2	n/a	Galapagos Manzello, I	GEOPHYSIC	GEOSCIENC	Article	41		24 9001-9008	2014	44 https://gat	27.70518	17.75	1.59	2.4788	7.3266	4.497
WOS:0003:	10.1016/j.r	n/a	An inter-lal Bockmon, I	MARINE C	OCEANOGF	Article	171	n/a	36-43	2015	44 https://gat	20.27222	15.48	2.17	2.8428	2.931	2.933
WOS:0003:	10.3354/m	n/a	Vulnerabili DePasquale	MARINE EC	MARINE &	Article	523	n/a	145-156	2015	41 https://gat	12.17511	12.68	3.37	3.2336	3.0973	2.326
WOS:0004:	10.1038/s4	n/a	Global nich Bianchi, Da	NATURE GI	GEOSCIENC	Article	11		4 263+	2018	41 https://gat	19.63636	5.03	2.09	8.1569	0.5974	13.566
WOS:0003:	10.1016/j.c	n/a	Ocean acid Wanninkhc	CONTINEN	OCEANOGF	Article	98	n/a	54-71	2015	40 https://gat	11.56853	11.38	3.46	3.5163	3.6361	2.424
WOS:0003:	10.5670/ocn/a		Changes in Bednarsek, M	ARINE EC	MARINE &	Article	523	n/a	93-103	2015	39 https://gat	12.17511	12.68	3.2	3.0758	3.5311	2.326
WOS:0003:	10.5670/ocn/a		Ocean and Gledhill, Dv	OCEANOGF	OCEANOGF	Article	28		2 182-197	2015	38 https://gat	18.87931	11.38	2.01	3.3405	4.1338	3.431
WOS:0003:	10.5343/br	n/a	Ocean acid Enochs, Iar	BULLETIN C	MARINE &	Article	91		2 271-290	2015	36 https://gat	8.44	11.32	4.27	3.179	4.1992	1.432
WOS:0003:	10.1093/ic	n/a	Interpretat Reum, Jon	ICES JOURN	MARINE &	Article	73		3 582-595	2016	35 https://gat	13.22267	8.45	2.65	4.1437	2.4319	3.188
WOS:0003:	10.5194/b	n/a	Including h Takeshita, T	BIOGEOSCI	GEOSCIENC	Article	12		19 5853-5870	2015	35 https://gat	20.92657	15.43	1.67	2.269	8.0787	3.48
WOS:0003:	10.1016/j.r	n/a	Pteropods Bednarsek, P	ROGRESS	OCEANOGF	Review	145	n/a	24-Jan	2016	34 https://gat	14.98701	20.32	2.27	1.6733	18.8976	4.06
WOS:0003:	10.1098/rs	n/a	Enhanced r Enochs, Iar	PROCEEDIN	EVOLUTIO	Article	283		1842 n/a	2016	34 https://gat	16.62451	13	2.05	2.6162	6.1889	4.637
WOS:0003:	10.1175/JP	n/a	Control an Renault, Li	JOURNAL C	OCEANOGF	Article	46		11 3439-3453	2016	34 https://gat	14.26699	8.67	2.38	3.9195	2.7376	3.318
WOS:0003:	10.1016/j.r	n/a	Contributic Yang, BO; E	MARINE C	OCEANOGF	Article	176	n/a	199-207	2015	34 https://gat	20.27222	15.48	1.68	2.1967	5.4058	2.933
WOS:0003:	10.1371/jo	MEDLINE:2	Genotype r Drury, Crav	PLOS ONE	ECOLOGY	Article	12		3 n/a	2017	33 https://gat	7.451006	9.06	4.43	3.6414	3.6172	2.74
WOS:0003:	10.1111/gc	MEDLINE:2	Risks of oc Marshall, K	GLOBAL CH	BIODIVERSI	Article	23		4 1525-1539	2017	32 https://gat	23.35309	9.09	1.37	3.5201	3.6674	8.555
WOS:0003:	10.3354/m	n/a	Diurnal flux Clark, Hanr	MARINE EC	MARINE &	Article	558	n/a	14-Jan	2016	32 https://gat	9.514563	9.67	3.36	3.3076	3.0339	2.326
WOS:0003:	10.1038/sr	MEDLINE:2	Experimenti Siedlecki, S	SCIENTIFIC	OCEANOGF	Article	6	n/a	n/a	2016	30 https://gat	16.46866	8.67	1.82	3.4584	3.8216	3.998
WOS:0003:	10.1371/jo	MEDLINE:2	An Integrat Cooley, Sar	PLOS ONE	MARINE &	Article	10		5 n/a	2015	30 https://gat	13.84406	11.27	2.17	2.6612	6.0906	2.74
WOS:0004:	10.1371/jo	MEDLINE:2	Taking the Cyronak, T	PLOS ONE	ENVIRONM	Article	13		1 n/a	2018	28 https://gat	3.911288	7.05	7.16	3.9738	3.4866	2.74
WOS:0003:	10.5670/ocn/a		Core Princi Mclaughlin	OCEANOGF	OCEANOGF	Article	28		2 160-169	2015	27 https://gat	18.87931	11.38	1.43	2.3735	8.9036	3.431
WOS:0003:	10.1016/j.r	n/a	Sea surface Xue, Liang; P	ROGRESS	OCEANOGF	Review	140	n/a	14-26	2016	26 https://gat	14.98701	20.32	1.73	1.2796	22.4409	4.06
WOS:0003:	10.3354/m	n/a	Recent dec Manzello, I	MARINE EC	MARINE &	Article	521	n/a	81-89	2015	26 https://gat	12.17511	12.68	2.14	2.0505	8.4331	2.326
WOS:0003:	10.1038/N/n/a		Partial dec Renault, Li	NATURE GI	GEOSCIENC	Article	9		7 505+	2016	26 https://gat	54.49315	10.94	0.48	2.3774	8.8529	13.566
WOS:0003:	10.5670/ocn/a		Ocean Acid Mathis, Jer	OCEANOGF	OCEANOGF	Article	28		2 122-135	2015	26 https://gat	18.87931	11.38	1.38	2.2856	9.6364	3.431
WOS:0004:	10.1146/ar	MEDLINE:2	Biogeocheer Fennel, Kat	ANNUAL RI	MARINE &	Review	11	n/a	105-130	2019	26 https://gat	12.95	4.55	2.01	5.7105	0.9479	n/a
WOS:0004:	10.1029/2	n/a	Autonomoi Gray, Aliso	GEOPHYSIC	GEOSCIENC	Article	45		17 9049-9057	2018	26 https://gat	7.183838	5.03	3.62	5.1727	1.6938	4.497
WOS:0003:	10.5194/b	n/a	Using pres Sutton, Adi	BIOGEOSCI	GEOSCIENC	Article	13		17 5065-5083	2016	24 https://gat	14.21002	11.72	1.69	2.0471	10.2585	3.48
WOS:0003:	10.1016/j.r	n/a	Internal co Patsavas, N	MARINE C	OCEANOGF	Article	176	n/a	20-Sep	2015	24 https://gat	20.27222	15.48	1.18	1.5506	11.6964	2.933
WOS:0003:	10.1111/ev	MEDLINE:2	A quantitat Malvezzi, A	EVOLUTIO	EVOLUTIO	Article	8		4 352-362	2015	24 https://gat	19.64615	17.84	1.22	1.3451	21.2895	4.013
WOS:0004:	10.1038/s4	MEDLINE:2	Exposure h Bednarsek, S	SCIENTIFIC	MULTIDISC	Article	7	n/a	n/a	2017	23 https://gat	10.58916	11.53	2.17	1.994	11.098	3.998
WOS:0004:	10.1016/j.e	n/a	New ocean Bednarsek, E	COLOGIC/	BIODIVERSI	Article	76	n/a	240-244	2017	22 https://gat	12.05639	9.1	1.82	2.4163	8.062	4.229
WOS:0003:	10.1002/2	n/a	Net commi Fassbender	GLOBAL BI	GEOSCIENC	Article	30		2 250-267	2016	22 https://gat	23.35514	12.53	0.94	1.7553	12.3012	4.608
WOS:0004:	10.1016/j.c	n/a	The combir Feely, Rich	CONTINEN	OCEANOGF	Article	152	n/a	50-60	2018	21 https://gat	3.546763	3.9	5.92	5.3793	1.3818	2.424
WOS:0003:	10.1021/es	MEDLINE:2	Robust Sen Fassbender	ENVIRONM	ENVIRONM	Article	49		6 3628-3635	2015	21 https://gat	35.30731	20.21	0.59	1.0391	25.21	7.864
WOS:0004:	10.1073/pr	MEDLINE:3	Global ens Lotze, Heik	PROCEEDIN	ECOLOGY	Article	116		26 12907-129	2019	21 https://gat	5.778608	1.92	3.63	10.9576	0.4182	9.412
WOS:0003:	10.3354/m	n/a	Effects of C King, Andre	MARINE EC	MARINE &	Article	537	n/a	59-69	2015	21 https://gat						

WOS:0003:10.5670/ocn/a	Characteriz Alin, Simor OCEANOGRAPHY Article	28	2 92-107	2015	11 https://gat	18.87931	11.38	0.58	0.967	37.8266	3.431
WOS:0003:10.1016/j.cn/a	Assessing t Fay, Gavin; ECOLOGICAL ECOLOGY Article	347 n/a	10-Jan	2017	11 https://gat	6.84984	9.06	1.61	1.2138	27.3289	2.497
WOS:0003:10.1002/2cn/a	The influen McClatchie JOURNAL C OCEANOGRAPHY Article	121	8 6121-6136	2016	10 https://gat	12.01848	8.67	0.83	1.1528	31.0867	3.559
WOS:0004:10.1093/jcn/a	Survival, gr Long, Willi ICES JOURNAL FISHERIES; Article	74	4 1033-1041	2017	10 https://gat	8.560976	6.05	1.17	1.6518	17.6586	3.188
WOS:0004:10.1029/2cn/a	Remarkabl Renault, L.; GEOPHYSICAL GEOSCIENCE Article	46	5 2743-2751	2019	10 https://gat	2.472854	2.07	4.04	4.8315	3.0649	4.497
WOS:0004:10.1016/j.cn/a	Ocean carb Xu, Yuan-Y MARINE CHEMISTRY Article	195 n/a	90-93	2017	10 https://gat	7.75	8.81	1.29	1.1349	21.065	2.933
WOS:0004:10.1021/acmedline:2	Molecular Lu, Kaijun; ENVIRONMENTAL Article	52	13 7182-7191	2018	10 https://gat	13.03136	8.72	0.77	1.1471	22.7941	7.864
WOS:0003:10.1002/2cn/a	Mixed-laye Fassbender GLOBAL BIOMASS Article	31	2 272-288	2017	10 https://gat	13.16162	9.49	0.76	1.0534	28.1977	4.608
WOS:0003:10.1002/2cn/a	A comparis Akhand, Ar GEOPHYSICAL GEOSCIENCE Article	43	22 11726-117	2016	10 https://gat	17.61957	10.94	0.57	0.9144	37.931	4.497
WOS:0003:10.1002/2cn/a	Seasonal v; Kim, Tae-W GEOPHYSICAL GEOSCIENCE Article	42	11 4498-4506	2015	9 https://gat	22.64859	14.35	0.4	0.627	51.8197	4.497
WOS:0004:10.1016/j.cn/a	Sea surface Xue, Liang; MARINE CHEMISTRY Article	195 n/a	27-40	2017	9 https://gat	7.75	8.81	1.16	1.0214	24.964	2.933
WOS:0003:10.1017/j.cn/a	Procedures Patsavas, I MARINE CHEMISTRY Article	168 n/a	80-85	2015	9 https://gat	20.27222	15.48	0.44	0.5815	45.5689	2.933
WOS:0003:10.5670/ocn/a	How Can P Salisbury, J OCEANOGRAPHY Article	28	2 108-121	2015	9 https://gat	18.87931	11.38	0.48	0.7912	45.5689	3.431
WOS:0003:10.1007/scn/a	Exposure t Miller, Jasc MARINE BIOMASS & Article	163	5 n/a	2016	9 https://gat	8.27686	8.65	1.09	1.0409	34.9018	2.05
WOS:0003:10.1111/fofn/a	Elevated C Hurst, Thor FISHERIES & Article	26	3 336-349	2017	9 https://gat	6.911111	5.91	1.3	1.524	20.7027	2.198
WOS:0003:10.3389/fnn/a	Developme McLaskey, MARINE CHEMISTRY & Article	555 n/a	65-78	2016	9 https://gat	9.514563	9.67	0.95	0.9303	34.9018	2.326
WOS:0004:10.5194/esn/a	Autonomo Sutton, Adi EARTH SYSTEMS METEOROLOGICAL Data Paper	11	1 421-439	2019	9 https://gat	5.595745	4.48	1.61	2.0104	16.6667	9.197
WOS:0003:10.5670/ocn/a	Transdiscip Yates, Kimt OCEANOGRAPHY Article	28	2 212-225	2015	8 https://gat	18.87931	11.38	0.42	0.7033	50.0484	3.431
WOS:0004:10.1016/j.cn/a	Time series Reimer, Jar CONTINENTAL OCEANOGRAPHY Article	145 n/a	95-108	2017	8 https://gat	7.077295	6.23	1.13	1.2846	29.177	2.424
WOS:0003:10.1175/jpn/a	Submesosc Dauhajre, I JOURNAL C OCEANOGRAPHY Article	47	12 2949-2976	2017	8 https://gat	8.725146	6.23	0.92	1.2846	29.177	3.318
WOS:0004:10.1016/j.cn/a	Ocean acid Coffey, Wil JOURNAL C MARINE & Article	495 n/a	12-Jan	2017	8 https://gat	6.223529	7.48	1.29	1.0689	28.1845	2.247
WOS:0004:10.1002/2cn/a	Multidecad Reimer, Jar JOURNAL C OCEANOGRAPHY Article	122	12 10061-100	2017	8 https://gat	9.635063	6.23	0.83	1.2846	29.177	3.559
WOS:0004:10.1111/gen/a	Metabolic i Carozza, D; GLOBAL ECOGEOGRAPHY Article	28	2 158-169	2019	8 https://gat	2.762712	1.91	2.9	4.1863	4.1172	6.446
WOS:0004:10.3389/fnn/a	Global Pers Todd, Robe FRONTIERS MARINE & Review	6 n/a	n/a	2019	8 https://gat	5.041667	5.01	1.59	1.5979	15.9558	3.661
WOS:0004:10.1002/ln/a	Effect of hy Montagna, LIMNOLOGICAL OCEANOGRAPHY Article	63	6 2465-2478	2018	8 https://gat	6.638889	3.95	1.21	2.0252	14.2424	3.778
WOS:0004:10.1002/2cn/a	Decadal f; Wang, Hon GEOPHYSICAL GEOSCIENCE Article	44	17 8962-8970	2017	8 https://gat	12.82618	8.29	0.62	0.9654	36.8323	4.497
WOS:0003:10.1016/j.cn/a	Death fro Kudela, Raj ESTUARINE MARINE & Article	186 n/a	209-222	2017	8 https://gat	6.912281	6.3	1.16	1.2698	28.1845	2.333
WOS:0004:10.1029/2cn/a	Controls or Shen, Chur JOURNAL C GEOSCIENCE Article	124	1 61-78	2019	8 https://gat	1.903361	2.42	4.2	3.3081	4.752	3.406
WOS:0004:10.1002/2cn/a	Biogeoche Frenger, Iv GLOBAL BIOMASS GEOSCIENCE Article	32	2 226-249	2018	8 https://gat	7.552381	5.93	1.06	1.3498	20.1104	4.608
WOS:0004:10.1016/j.cn/a	Warming a Gravinese, ESTUARINE OCEANOGRAPHY Article	204 n/a	193-201	2018	7 https://gat	4.44709	3.99	1.57	1.7552	18.1939	2.333
WOS:0004:10.1002/2cn/a	Vertical Mi Kessouri, F JOURNAL C OCEANOGRAPHY Article	123	3 1647-1669	2018	7 https://gat	5.526316	3.9	1.27	1.7931	18.1939	3.559
WOS:0004:10.3389/fnn/a	The Global Sloyan, Ber FRONTIERS MARINE & Article	6 n/a	n/a	2019	7 https://gat	1.912088	2.16	3.66	3.2375	4.7073	3.661
WOS:0004:10.1007/scmedline:2	Resilience i Manzello, I MARINE BIOMASS MARINE & Article	165	6 n/a	2018	7 https://gat	3.617143	4.08	1.94	1.7173	18.4569	2.05
WOS:0004:10.1038/s4medline:3	Rapid coas Claret, Mar NATURE CLIMATE ENVIRONMENT Article	8	10 868+	2018	7 https://gat	31.21429	5.69	0.22	1.2304	21.4929	20.893
WOS:0003:10.1016/j.smedline:2	Institution; Ekstrom, Ju SCIENCE OF ENVIRONMENT Article	576 n/a	599-608	2017	7 https://gat	16.13476	10.75	0.43	0.6509	49.114	6.551
WOS:0004:10.3389/fnn/a	Influence o Reyna, Nic FRONTIERS MARINE & Article	4 n/a	n/a	2017	7 https://gat	8.536388	8	0.82	0.8745	33.5611	3.661
WOS:0003:10.1371/jo medline:2	Extending Hodgson, E PLOS ONE ECOLOGY Article	11	7 n/a	2016	7 https://gat	10.34568	12.63	0.68	0.5541	57.1818	2.74
WOS:0004:10.1007/scn/a	El Nino-ass Vargas-Ang CORAL REEF MARINE & Article	38	4 731-741	2019	7 https://gat	2.865546	1.72	2.44	4.0678	4.7073	3.536
WOS:0004:10.3389/fnn/a	El Nino-Rel Bednarsek, FRONTIERS MARINE & Article	5 n/a	n/a	2018	7 https://gat	5.612591	5.16	1.25	1.3554	18.4569	3.661
WOS:0004:10.1016/j.cn/a	Data weigh Punt, Andr FISHERIES & Article	192 n/a	94-102	2017	7 https://gat	6.333333	5.62	1.11	1.2467	29.3503	2.147
WOS:0004:10.3389/fnn/a	A multi-mo Kaplan, Isa MARINE CHEMISTRY Article	617 n/a	307-321	2019	7 https://gat	1.505263	1.69	4.65	4.1355	3.3856	2.326
WOS:0003:10.5194/bfn/a	Temporal c Xue, L.; Yu, BIOGEOGRAPHICAL GEOSCIENCE Article	11	22 6293-6305	2014	6 https://gat	25.58584	18.78	0.23	0.3194	70.9795	3.48
WOS:0003:10.1002/2cn/a	Subannual Yang, BO; JOURNAL C OCEANOGRAPHY Article	120	5 3805-3816	2015	6 https://gat	15.76596	11.38	0.38	0.5274	60.0719	3.559
WOS:0004:10.1002/2cn/a	Short-term Xu, Yuan-Y JOURNAL C OCEANOGRAPHY Article	122	5 4274-4290	2017	6 https://gat	9.635063	6.23	0.62	0.9635	40.6647	3.559
WOS:0004:10.5194/esn/a	Seasonal c Fassbender EARTH SYSTEMS GEOSCIENCE Article	10	3 1367-1401	2018	6 https://gat	10.16883	5.49	0.59	1.0927	29.9671	9.197
WOS:0004:10.1371/jo medline:3	Projected i Rheuban, J PLOS ONE MULTIDISCIPLINARY Article	13	9 n/a	2018	6 https://gat	3.911288	7.3	1.53	0.8215	30.4394	2.74
WOS:0003:10.1371/jo medline:2	On the Froi Evans, Wil PLOS ONE OCEANOGRAPHY Article	10	7 n/a	2015	6 https://gat	13.84406	11.38	0.43	0.5274	60.0719	2.74
WOS:0003:10.1093/jcn/a	Micro-CT a Enochs, I. ICES JOURNAL FISHERIES; Article	73	3 910-919	2016	6 https://gat	13.22267	8.45	0.45	0.7104	46.5152	3.188
WOS:0004:10.3389/fnn/a	Leveraging Williams, I FRONTIERS MARINE & Article	6 n/a	n/a	2019	6 https://gat	1.912088	2.16	3.14	2.775	6.8759	3.661
WOS:0004:10.1007/scmedline:3	Environme Robinson, J. CORAL REEF MARINE & Article	37	4 1157-1168	2018	6 https://gat	4.657407	4.08	1.29	1.472	23.6834	3.536
WOS:0004:10.5194/bfn/a	Carbon cyc Fennel, Kat BIOGEOGRAPHICAL ECOLOGY; Article	16	6 1281-1304	2019	6 https://gat	2.185606	1.99	2.75	3.0148	8.1748	3.48
WOS:0004:10.3389/fnn/a	A Surface C Wanninkh FRONTIERS MARINE & Review	6 n/a	n/a	2019	6 https://gat	5.041667	5.01	1.19	1.1984	22.9068	3.661
WOS:0004:10.1021/acmedline:3	Spectrophc Sharp, Jon; ENVIRONMENTAL Article	51	16 9127-9136	2017	5 https://gat	21.10407	13.02	0.24	0.3841	60.9896	7.864
WOS:0004:10.5194/bfn/a	Seasonal p Gomez, Fal BIOGEOGRAPHICAL GEOSCIENCE Article	15	11 3561-3576	2018	5 https://gat	5.712919	5.21	0.88	0.9601	37.0298	3.48
WOS:0004:10.1002/2cn/a	Nitrogen a Kessouri, F JOURNAL C OCEANOGRAPHY Article	122	12 9429-9454	2017	5 https://gat	9.635063	6.23	0.52	0.8029	48.0309	3.559
WOS:0003:n/a	Introductio Mathis, Jer OCEANOGRAPHY Editorial M	28	2 15-Oct	2015	5 https://gat	6.368421	4.37	0.79	1.143	22.2749	3.431
WOS:0003:10.1093/jcn/a	Effects of e Hurst, Thor ICES JOURNAL FISHERIES; Article	73	3 981-990	2016	5 https://gat	13.22267	8.45	0.38	0.592	53.3447	3.188
WOS:0004:10.1093/jcn/a	Decreased Swiney, Ka ICES JOURNAL FISHERIES; Article	74	4 1191-1200	2017	5 https://gat	8.560976	6.05	0.58	0.8259	42.0112	3.188
WOS:0005:10.1038/s4n/a	Decadal va Osborne, E NATURE GEOSCIENCE Article	13	1 43+	2020	5 https://gat	1.639535	0.39	3.05	12.7848	1.1849	13.566
WOS:0004:10.3389/fnn/a	Chesapeake Brodeur, Je FRONTIERS MARINE & Article	6 n/a	n/a	2019	5 https://gat	1.912088	2.16	2.61	2.3125	10.0807	3.661
WOS:0004:10.3389/fnn/a	A Global O Moltmann, FRONTIERS MARINE & Review	6 n/a	n/a	2019	5 https://gat	5.041667	5.01	0.99	0.9987	30.9637	3.661
WOS:0004:10.1002/2cn/a	The influen Durski, Sco JOURNAL C OCEANOGRAPHY Article	122	9 7674-7697	2017	4 https://gat	9.635063	6.23	0.42	0.6423	55.9335	3.559
WOS:0004:10.1029/2cn/a	Spatial and Robbins, L. JOURNAL C OCEANOGRAPHY Article	123	9 6174-6188	2018	4 https://gat	5.526316	3.9	0.72	1.0246	38.8485	3.559
WOS:0004:10.1002/2cn/a	Spatial and Nezhlin, Nik JOURNAL C OCEANOGRAPHY Article	123	1 231-245	2018	4 https://gat	5.526316	3.9	0.72	1.0246	38.8485	3.559
WOS:0004:10.1016/j.cn/a	Seasonal v; Hu, Xinpj MARINE CHEMISTRY Article	205 n/a	16-28	2018	4 https://gat	5.925926	5.56	0.68	0.7195	38.8485	2.933
WOS:0004:10.1029/2cn/a	Production Li, Xiaolin; JOURNAL C GEOSCIENCE Article	123	12 3523-3537	2018	4 https://gat	5.485106	5.87	0.73	0.6817	45.9375	3.406
WOS:0004:10.1021/acmedline:3	Oxygen Coi Wang, Hon ENVIRONMENTAL Article	52	22 13004-130	2018	4 https://gat	13.03136	8.72	0.31	0.4589	55.1765	7.864
WOS:0004:10.1002/lo n/a	Evaluation Okazaki, Re LIMNOLOGICAL OCEANOGRAPHY Article	15	6 586-600	2017	4 https://gat	6	6.53	0.67	0.613	55.9335	2.458
WOS:0004:10.1038/s4medline:3	ENSO-indu Gomez, Fal SCIENTIFIC OCEANOGRAPHY Article	9 n/a	n/a	2019	4 https://gat	1.856459	1.49	2.15	2.6777	12.4247	3.998
WOS:0004:10.1016/j.cn/a	Behavioral Andrade, J JOURNAL C OCEANOGRAPHY Article	140 n/a	21-Nov	2018	4 https://gat	3.12037	3.99	1.28	1.003	38.8485	1.725
WOS:0003:10.1371/jo medline:2	Baseline As Vargas-Ang PLOS ONE ECOLOGY Article	10	12 n/a	2015	4 https://gat	13.84406	16.67	0.29	0.24	80.0038	2.74
WOS:0004:10.1016/j.cn/a	A machine Chen, Shua REMOTE SENSING & Article	228 n/a	203-226	2019	4 https://gat	6.582979	2.68	0.61	1.4947	20.1453	9.085
WOS:0003:10.1525/el n/a	Using integ Klingler, Ter ELEMENTA ENVIRONMENT Article	5 n/a	n/a	2017	3 https://gat	8.780822	10.24	0.34	0.293	75.3925	4.212
WOS:0004:10.3389/fnn/a	Systematic Bednarsek, FRONTIERS MARINE & Review	6 n/a	n/a	2019	3 https://gat	5.041667	5.01	0.6	0.5992	45.1817	3.661
WOS:0004:10.1016/j.cn/a	Recommen Saba, Graci ESTUARINE OCEANOGRAPHY Article	225 n/a	n/a	2019	3 https://gat	1.589928	1.6	1.89	1.8758	20.0833	2.333
WOS:0004:10.1016/j.cn medline:3	Pacific geoi Spencer, Lz COMPARATIVE GENETICS &										

WOS:0004:10.1371/jo	MEDLINE:3 The effects Rossin, Ash	PLOS ONE	MARINE &	Article	14	4	n/a	2019	1	https://gat	1.27434	1.72	0.78	0.5811	60.8467	2.74
WOS:0004:10.3389/fn	Seasonal C Enochs, lar	FRONTIERS	MARINE &	Article	6	n/a	n/a	2019	1	https://gat	1.912088	2.16	0.52	0.4625	60.8467	3.661
WOS:0004:10.3389/fn	Public-Priv: Meinig, Chi	FRONTIERS	MARINE &	Article	6	n/a	n/a	2019	1	https://gat	1.912088	2.16	0.52	0.4625	60.8467	3.661
WOS:0004:10.1029/2	Ongoing In Davis, C., V	PALEOCEAI	PALEONTO	Article	34	9	1554-1567	2019	1	https://gat	1.650407	1.6	0.61	0.6241	56.9747	2.888
WOS:0004:10.3389/fn	Meeting Re lwamoto, N	FRONTIERS	MARINE &	Review	6	n/a	n/a	2019	1	https://gat	5.041667	5.01	0.2	0.1997	73.1438	3.661
WOS:0004:10.1029/2	Large Deca Wanninkh	JOURNAL C	OCEANO	GF Article	124	10	6960-6982	2019	1	https://gat	1.731373	1.49	0.58	0.6694	56.9848	3.559
WOS:0004:10.1071/M	Inorganic n Paudel, Bh	MARINE A	FISHERIES	; Article	68	7	1282-1291	2017	1	https://gat	4.834906	6.24	0.21	0.1604	85.3249	1.488
WOS:0003:10.1016/j	Evaluation Kudela, Raj	ESTUARINE	OCEANO	GF Article	186	n/a	237-249	2017	1	https://gat	6.912281	6.3	0.14	0.1587	88.2376	2.333
WOS:0004:10.1029/2	Ecosystem Shen, Chur	JOURNAL C	OCEANO	GF Article	124	8	6141-6153	2019	1	https://gat	1.731373	1.49	0.58	0.6694	56.9848	3.559
WOS:0004:10.1038/s4	Eco-physio Engstrom-C	SCIENTIFIC	MARINE &	Article	9	n/a	n/a	2019	1	https://gat	1.856459	1.72	0.54	0.5811	60.8467	3.998
WOS:0004:10.1007/s1	Characteris McCutche	ESTUARIES	MARINE &	Article	42	6	1509-1523	2019	1	https://gat	1.597561	2.16	0.63	0.4625	60.8467	2.319
WOS:0004:10.1016/j	Wind-drive Huang, We	JOURNAL C	GEOSCIENC	Article	195	n/a	67-73	2019	0	https://gat	1.590909	1.73	0	0	100	2.528
WOS:0004:10.1029/2	Physical an Jiang, Zong	JOURNAL C	OCEANO	GF Article	124	8	5979-5998	2019	0	https://gat	1.731373	1.49	0	0	100	3.559
WOS:0004:10.1016/j	Elevated C Hurst, Thor	MARINE EN	ENVIRONM	Article	145	n/a	52-65	2019	0	https://gat	1.760736	2.18	0	0	100	2.727
WOS:0004:10.1016/j	Ecological ; Andersson	REGIONAL	ECOLOGY	; Review	29	n/a	n/a	2019	0	https://gat	1.1875	4.33	0	0	100	1.183
WOS:0004:10.2983/0	A STATUS F Neuman, N	JOURNAL C	FISHERIES	; Review	37	4	869-910	2018	0	https://gat	2.6	9.68	0	0	100	0.933