

Chen-Tung Arthur Chen

List of Publications by Year in descending order

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Version: 2024-02-01

320
papers

15,249
citations

19608

61
h-index

26548

107
g-index

327
all docs

327
docs citations

327
times ranked

11479
citing authors

#	ARTICLE	IF	CITATIONS
1	Best Practice Data Standards for Discrete Chemical Oceanographic Observations. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	16
2	A Comprehensive Profile of Antibiotic Resistance Genes in the Water Column of a Shallow-Sea Hydrothermal Vent Ecosystem. <i>Sustainability</i> , 2022, 14, 1776.	1.6	3
3	Transformation, Fluxes and Impacts of Dissolved Metals from Shallow Water Hydrothermal Vents on Nearby Ecosystem Offshore of Kueishantao (NE Taiwan). <i>Sustainability</i> , 2022, 14, 1754.	1.6	4
4	Iron-Copper-Zinc Isotopic Compositions of Andesites from the Kueishantao Hydrothermal Field off Northeastern Taiwan. <i>Sustainability</i> , 2022, 14, 359.	1.6	1
5	Strontium, Hydrogen and Oxygen Behavior in Vent Fluids and Plumes from the Kueishantao Hydrothermal Field Offshore Northeast Taiwan: Constrained by Fluid Processes. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 845.	1.2	3
6	The influence of summer hypoxia on sedimentary phosphorus biogeochemistry in a coastal scallop farming area, North Yellow Sea. <i>Science of the Total Environment</i> , 2021, 759, 143486.	3.9	12
7	Variability of the nutrient stream near Kuroshio's origin. <i>Scientific Reports</i> , 2021, 11, 5080.	1.6	10
8	Hypoxia in the Persian Gulf and the Strait of Hormuz. <i>Marine Pollution Bulletin</i> , 2021, 167, 112354.	2.3	20
9	The Mid-Atlantic Bight Dissolved Inorganic Carbon System Observed in the March 1996 DOE Ocean Margins Program (OMP)â€”A Baseline Study. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	1
10	Roles of sediment supply, geochemical composition and monsoon on organic matter burial along the longitudinal mud belt in the East China Sea in modern times. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 305, 66-86.	1.6	14
11	The Much Overrated Microbial Carbon Pump in the Oceans. <i>International Journal of Environmental Sciences & Natural Resources</i> , 2021, 28, .	0.3	0
12	Isotopic niche differentiation in benthic consumers from shallow-water hydrothermal vents and nearby non-vent rocky reefs in northeastern Taiwan. <i>Progress in Oceanography</i> , 2021, 195, 102596.	1.5	4
13	Using Onboard-Produced Drinking Water to Achieve Ballast-Free Management. <i>Sustainability</i> , 2021, 13, 7648.	1.6	5
14	Data on isotopic niche differentiation in benthic consumers from shallow-water hydrothermal vents and nearby non-vent rocky reefs in northeastern Taiwan. <i>Data in Brief</i> , 2021, 37, 107216.	0.5	2
15	Carbon and hydrogen isotope fractionation during aerobic oxidation of short-chain alkanes in experimental incubations of vent fluids. <i>Organic Geochemistry</i> , 2021, 158, 104269.	0.9	1
16	Hydrogeochemistry and Acidic Property of Submarine Groundwater Discharge Around Two Coral Islands in the Northern South China Sea. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	1
17	Massive shellfish farming might accelerate coastal acidification: A case study on carbonate system dynamics in a bay scallop (<i>Argopecten irradians</i>) farming area, North Yellow Sea. <i>Science of the Total Environment</i> , 2021, 798, 149214.	3.9	20
18	Southward spreading of the Changjiang Diluted Water in the La Niña spring of 2008. <i>Scientific Reports</i> , 2021, 11, 307.	1.6	6

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19	The role of Mg ²⁺ in inhibiting CaCO ₃ precipitation from seawater. <i>Marine Chemistry</i> , 2021, 237, 104036.	0.9	31
20	Monitoring Sediment and Water Chemistry in Small Remote Aquatic Systems in East Sepik Province, Papua New Guinea. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	0
21	High-Ca vent fluids discharged from the Lutao arc volcanic hydrothermal system are associated with albitization and recycling of marine carbonate. <i>Chemical Geology</i> , 2021, 585, 120583.	1.4	0
22	Radiocesium in the Taiwan Strait and the Kuroshio east of Taiwan from 2018 to 2019. <i>Scientific Reports</i> , 2021, 11, 22467.	1.6	3
23	Changes in riverine organic carbon input to the ocean from mainland China over the past 60 years. <i>Environment International</i> , 2020, 134, 105258.	4.8	38
24	Colloidal toxic trace metals in urban riverine and estuarine waters of Yantai City, southern coast of North Yellow Sea. <i>Science of the Total Environment</i> , 2020, 717, 135265.	3.9	16
25	Intrusion of Kuroshio Helps to Diminish Coastal Hypoxia in the Coast of Northern South China Sea. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	12
26	Recent Developments of Exploration and Detection of Shallow-Water Hydrothermal Systems. <i>Sustainability</i> , 2020, 12, 9109.	1.6	8
27	Daily to weekly impacts of mixing and biological activity on carbonate dynamics in a large river-dominated shelf. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 245, 106914.	0.9	3
28	Elevated primary productivity triggered by mixing in the quasi-cul-de-sac Taiwan Strait during the NE monsoon. <i>Scientific Reports</i> , 2020, 10, 7846.	1.6	9
29	Controls on surface water carbonate chemistry along North American ocean margins. <i>Nature Communications</i> , 2020, 11, 2691.	5.8	77
30	Changing Biogeochemistry in the South China Sea. <i>Atmosphere, Earth, Ocean & Space</i> , 2020, , 203-216.	0.4	8
31	Changes in Temperature, Chlorophyll Concentration, and Secchi Disk Depth in the Bering Sea from 1998 to 2016. <i>Atmosphere, Earth, Ocean & Space</i> , 2020, , 5-18.	0.4	3
32	Changes in Temperature, Chlorophyll Concentration, and Secchi Disk Depth in the Okhotsk Sea from 1998 to 2016. <i>Atmosphere, Earth, Ocean & Space</i> , 2020, , 57-68.	0.4	2
33	Evidence for Fossil Fuel PM ₁ Accumulation in Marine Biota. <i>Environmental Science & Technology</i> , 2020, 54, 4068-4078.	4.6	10
34	Impact of ENSO events on phytoplankton over the Sulu Ridge. <i>Marine Environmental Research</i> , 2020, 157, 104934.	1.1	6
35	A tidal-influenced hydrothermal system temporarily cooled by a tropical storm. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 393, 106792.	0.8	2
36	Biogeochemistry and dynamics of particulate organic matter in a shallow-water hydrothermal field (Kueishantao Islet, NE Taiwan). <i>Marine Geology</i> , 2020, 422, 106121.	0.9	8

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37	The carbonate system on the coral patches and rocky intertidal habitats of the northern Persian Gulf: Implications for ocean acidification studies. <i>Marine Pollution Bulletin</i> , 2020, 151, 110834.	2.3	2
38	Impact of Hydrological Conditions on the Biogeochemical Dynamics of Suspended Particulate Organic Matter in the Upper Mixed Layer of the Southern East China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6120-6140.	1.0	12
39	A 30-year record of sedimentary phosphorus species in a coastal salt marsh southwest of Hangzhou Bay, China. <i>Cogent Environmental Science</i> , 2019, 5, 1636549.	1.6	2
40	Separation and determination of colloidal trace metals in seawater by cross-flow ultrafiltration, liquid-liquid extraction and ICP-MS. <i>Marine Chemistry</i> , 2019, 215, 103685.	0.9	17
41	Satellite-derived particulate organic carbon flux in the Changjiang River through different stages of the Three Gorges Dam. <i>Remote Sensing of Environment</i> , 2019, 223, 154-165.	4.6	27
42	Fates of vent CO ₂ and its impact on carbonate chemistry in the shallow-water hydrothermal field offshore Kueishantao Islet, NE Taiwan. <i>Marine Chemistry</i> , 2019, 210, 1-12.	0.9	13
43	Volatile Chalcophile Elements in Native Sulfur from a Submarine Hydrothermal System at Kueishantao, Offshore NE Taiwan. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 245.	0.8	6
44	East China Sea increasingly gains limiting nutrient P from South China Sea. <i>Scientific Reports</i> , 2019, 9, 5648.	1.6	37
45	Elevated carbon flux in deep waters of the South China Sea. <i>Scientific Reports</i> , 2019, 9, 1496.	1.6	23
46	Reproductive adaptations of the hydrothermal vent crab <i>Xenograpsus testudinatus</i> : An isotopic approach. <i>PLoS ONE</i> , 2019, 14, e0211516.	1.1	7
47	Satellite estimation of particulate organic carbon flux from Changjiang River to the estuary. <i>Remote Sensing of Environment</i> , 2019, 223, 307-319.	4.6	21
48	MDPI Oceans: A New Publication Channel for Open Access Science Focused on the Ocean. <i>Oceans</i> , 2019, 1, 1-5.	0.6	1
49	Characterization and bioavailability of rainwater dissolved organic matter at the southeast coast of China using absorption spectroscopy and fluorescence EEM-PARAFAC. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 217, 45-55.	0.9	55
50	Unheralded Submarine Groundwater Discharge. <i>Oceanography & Fisheries Open Access Journal</i> , 2019, 10, .	0.1	2
51	Gas discharges from the Kueishantao hydrothermal vents, offshore northeast Taiwan: Implications for drastic variations of magmatic/hydrothermal activities. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 353, 1-10.	0.8	4
52	Impacts of human activity and extreme weather events on sedimentary organic matter in the Andong salt marsh, Hangzhou Bay, China. <i>Continental Shelf Research</i> , 2018, 154, 55-64.	0.9	10
53	Influence of submarine hydrothermalism on sulfur and metal accumulation in surface sediments in the Kueishantao venting field off northeastern Taiwan. <i>Marine Chemistry</i> , 2018, 198, 88-96.	0.9	19
54	Four Verrucosidin Derivatives Isolated from the Hydrothermal Vent Sulfur-Derived Fungus <i>Penicillium</i> sp. Y-50-10. <i>Chemistry of Natural Compounds</i> , 2018, 54, 253-256.	0.2	8

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55	Absorption properties of chromophoric dissolved organic matter (CDOM) in the East China Sea and the waters off eastern Taiwan. <i>Continental Shelf Research</i> , 2018, 159, 12-23.	0.9	13
56	Elemental compositions of crab and snail shells from the Kueishantao hydrothermal field in the southwestern Okinawa Trough. <i>Journal of Marine Systems</i> , 2018, 180, 90-101.	0.9	10
57	Heavy metals from Kueishantao shallow-sea hydrothermal vents, offshore northeast Taiwan. <i>Journal of Marine Systems</i> , 2018, 180, 211-219.	0.9	24
58	Social-environmental analysis of methane in the South China Sea and bordering countries. <i>Anthropocene Coasts</i> , 2018, 1, 62-88.	0.6	3
59	Coupled Carbon, Sulfur, and Nitrogen Cycles Mediated by Microorganisms in the Water Column of a Shallow-Water Hydrothermal Ecosystem. <i>Frontiers in Microbiology</i> , 2018, 9, 2718.	1.5	63
60	Seasonal Variations of Dissolved Organic Matter in the East China Sea Using EEM-PARAFAC and Implications for Carbon and Nutrient Cycling. <i>Sustainability</i> , 2018, 10, 1444.	1.6	12
61	Biogeochemical characteristics of suspended particulate matter in deep chlorophyll maximum layers in the southern East China Sea. <i>Biogeosciences</i> , 2018, 15, 2091-2109.	1.3	25
62	Estimation of Marine Versus Terrigenous Organic Carbon in Sediments Off Southwestern Taiwan Using the Bromine to Total Organic Carbon Ratio as a Proxy. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 3387-3402.	1.3	7
63	The Relationship between POC Export Efficiency and Primary Production: Opposite on the Shelf and Basin of the Northern South China Sea. <i>Sustainability</i> , 2018, 10, 3634.	1.6	13
64	Organic Carbon Concentrations in High- and Low-Productivity Areas of the Sulu Sea. <i>Sustainability</i> , 2018, 10, 1867.	1.6	2
65	Interannual Carbon and Nutrient Fluxes in Southeastern Taiwan Strait. <i>Sustainability</i> , 2018, 10, 372.	1.6	9
66	Achieving Highly Efficient Atmospheric CO ₂ Uptake by Artificial Upwelling. <i>Sustainability</i> , 2018, 10, 664.	1.6	11
67	Estimation of Lateral DOC Transport in Marginal Sea Based on Remote Sensing and Numerical Simulation. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 5525-5542.	1.0	7
68	Understanding the Compositional Variability of the Major Components of Hydrothermal Plumes in the Okinawa Trough. <i>Geofluids</i> , 2018, 2018, 1-20.	0.3	6
69	Submarine Groundwater Discharge helps making nearshore waters heterotrophic. <i>Scientific Reports</i> , 2018, 8, 11650.	1.6	20
70	Cultivation-Independent and Cultivation-Dependent Analysis of Microbes in the Shallow-Sea Hydrothermal System Off Kueishantao Island, Taiwan: Unmasking Heterotrophic Bacterial Diversity and Functional Capacity. <i>Frontiers in Microbiology</i> , 2018, 9, 279.	1.5	35
71	Changes in the Ecological Environment of the Marginal Seas along the Eurasian Continent from 2003 to 2014. <i>Sustainability</i> , 2018, 10, 635.	1.6	16
72	Physical Forcing-Driven Productivity and Sediment Flux to the Deep Basin of Northern South China Sea: A Decadal Time Series Study. <i>Sustainability</i> , 2018, 10, 971.	1.6	14

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73	Determination of ultra-trace Pt, Pd and Rh in seawater using an off-line pre-concentration method and inductively coupled plasma mass spectrometry. <i>Chemosphere</i> , 2018, 212, 429-437.	4.2	31
74	Submarine groundwater discharge around Taiwan. <i>Acta Oceanologica Sinica</i> , 2018, 37, 18-22.	0.4	9
75	Methane in the South China Sea and the Western Philippine Sea. <i>Continental Shelf Research</i> , 2017, 135, 23-34.	0.9	23
76	New compounds from a hydrothermal vent crab-associated fungus <i>Aspergillus versicolor</i> XZ-4. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1155-1163.	1.5	32
77	Unveiling the transformation and bioavailability of dissolved organic matter in contrasting hydrothermal vents using fluorescence EEM-PARAFAC. <i>Water Research</i> , 2017, 111, 195-203.	5.3	57
78	Riverine carbon fluxes to the South China Sea. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1239-1259.	1.3	38
79	Sources and distribution of sedimentary organic matter along the Andong salt marsh, Hangzhou Bay. <i>Journal of Marine Systems</i> , 2017, 174, 78-88.	0.9	35
80	Diurnal variations of dissolved organic matter in the hydrothermal system of Green Island, Taiwan. <i>Marine Chemistry</i> , 2017, 195, 61-69.	0.9	4
81	Preface: Honoring Frank Millero - 24 Years as Editor-in-Chief: Marine Physical Chemistry and Marine Carbon Chemistry. <i>Marine Chemistry</i> , 2017, 195, 1.	0.9	0
82	Synthetic multispecies microbial communities reveals shifts in secondary metabolism and facilitates cryptic natural product discovery. <i>Environmental Microbiology</i> , 2017, 19, 3606-3618.	1.8	37
83	Reconciliation of pH_{25} and $pH_{in situ}$ acidification rates of the surface oceans: A simple conversion using only in situ temperature. <i>Limnology and Oceanography: Methods</i> , 2017, 15, 328-335.	1.0	16
84	Carbonate parameters in high and low productivity areas of the Sulu Sea, Philippines. <i>Marine Chemistry</i> , 2017, 195, 2-14.	0.9	10
85	Isolation and Antibiotic Screening of Fungi from a Hydrothermal Vent Site and Characterization of Secondary Metabolites from a <i>Penicillium</i> Isolate. <i>Marine Biotechnology</i> , 2017, 19, 469-479.	1.1	18
86	A new electroplated Ir/Ir(OH) x pH electrode and its application in the coastal areas of Newport Harbor, California. <i>Acta Oceanologica Sinica</i> , 2017, 36, 99-104.	0.4	11
87	Recent changes of global ocean transparency observed by SeaWiFS. <i>Continental Shelf Research</i> , 2017, 143, 159-166.	0.9	36
88	Stress-driven discovery of a cryptic antibiotic produced by <i>Streptomyces</i> sp. WU20 from Kueishantao hydrothermal vent with an integrated metabolomics strategy. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1395-1408.	1.7	31
89	Geochemical evidence of the indirect pathway of terrestrial particulate material transport to the Okinawa Trough. <i>Quaternary International</i> , 2017, 441, 51-61.	0.7	20
90	Ecological Energetic Perspectives on Responses of Nitrogen-Transforming Chemolithoautotrophic Microbiota to Changes in the Marine Environment. <i>Frontiers in Microbiology</i> , 2017, 8, 1246.	1.5	49

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91	Determination of Sulfate in Seawater by a Novel All-Solid-State Sulfate Sensor with H ₂ SO ₄ Doped Polyaniline as Sensitive Membrane. <i>International Journal of Electrochemical Science</i> , 2017, 12, 1506-1520.	0.5	12
92	Deep oceans may acidify faster than anticipated due to global warming. <i>Nature Climate Change</i> , 2017, 7, 890-894.	8.1	55
93	The tug-of-war between the West Philippine Sea and South China Sea Tropical Waters and Intermediate Waters in the Okinawa Trough. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 1736-1754.	1.0	5
94	Sedimentary Organic Matter and Phosphate along the Kapuas River (West Kalimantan, Indonesia). <i>Journal of Chemistry</i> , 2016, 2016, 1-9.	0.9	2
95	Toward a Quality-Controlled and Accessible Pitzer Model for Seawater and Related Systems. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	21
96	An Unusual Conformational Isomer of Verrucosidin Backbone from a Hydrothermal Vent Fungus, <i>Penicillium</i> sp. Y-50-10. <i>Marine Drugs</i> , 2016, 14, 156.	2.2	20
97	An Unusual Stress Metabolite from a Hydrothermal Vent Fungus <i>Aspergillus</i> sp. WU 243 Induced by Cobalt. <i>Molecules</i> , 2016, 21, 105.	1.7	23
98	Remote Sensing of Sea Surface pCO ₂ in the Bering Sea in Summer Based on a Mechanistic Semi-Analytical Algorithm (MeSAA). <i>Remote Sensing</i> , 2016, 8, 558.	1.8	20
99	Eddy-entrained Pearl River plume into the oligotrophic basin of the South China Sea. <i>Continental Shelf Research</i> , 2016, 124, 117-124.	0.9	58
100	Geochemistry of phosphorus in sediment cores from Sishili Bay, China. <i>Marine Pollution Bulletin</i> , 2016, 113, 552-558.	2.3	24
101	Effects of microbial transformation on dissolved organic matter in the east Taiwan Strait and implications for carbon and nutrient cycling. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 180, 59-68.	0.9	23
102	Distributions and sea-to-air fluxes of nitrous oxide in the South China Sea and the West Philippines Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 115, 131-144.	0.6	16
103	The nonconservative property of dissolved molybdenum in the western Taiwan Strait: Relevance of submarine groundwater discharges and biological utilization. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 28-43.	1.0	16
104	Detection of Low Salinity Groundwater Seeping into the Eastern Laizhou Bay (China) with the Aid of Landsat Thermal Data. <i>Journal of Coastal Research</i> , 2016, 74, 149-156.	0.1	9
105	Trace metals in surface sediments of the Taiwan Strait: geochemical characteristics and environmental indication. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10494-10503.	2.7	9
106	Characterization of surface sediments from the Beijing-Hangzhou Grand Canal (Zaozhuang section), China: assessment of beryllium enrichment, biological effect, and mobility. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13560-13568.	2.7	15
107	Lacustrine sedimentological and geochemical records for the last 170 years of climate and environmental changes in southeastern China. <i>Boreas</i> , 2016, 45, 165-179.	1.2	13
108	Down to Earth: Contextualizing the Anthropocene. <i>Global Environmental Change</i> , 2016, 39, 341-350.	3.6	239

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109	Re-conceptualizing the Anthropocene: A call for collaboration. <i>Global Environmental Change</i> , 2016, 39, 318-327.	3.6	210
110	Geochemical forms and seasonal variations of phosphorus in surface sediments of the East China Sea shelf. <i>Journal of Marine Systems</i> , 2016, 159, 41-54.	0.9	43
111	The chemical and isotopic compositions of gas discharge from shallow-water hydrothermal vents at Kueishantao, offshore northeast Taiwan. <i>Geochemical Journal</i> , 2016, 50, 341-355.	0.5	28
112	Deducing acidification rates based on short-term time series. <i>Scientific Reports</i> , 2015, 5, 11517.	1.6	17
113	Acidifying intermediate water accelerates the acidification of seawater on shelves: An example of the East China Sea. <i>Continental Shelf Research</i> , 2015, 111, 223-233.	0.9	30
114	Spatiotemporal variations of nitrogen isotopic records in the Arabian Sea. <i>Biogeosciences</i> , 2015, 12, 1-14.	1.3	22
115	Effects of low-pH stress on shell traits of the dove snail, <i>Anachis misera</i> , inhabiting shallow-vent environments off Kueishan Islet, Taiwan. <i>Biogeosciences</i> , 2015, 12, 2631-2639.	1.3	20
116	Trace metals in the suspended particulate matter of the Yellow River (Huanghe) Estuary: Concentrations, potential mobility, contamination assessment and the fluxes into the Bohai Sea. <i>Continental Shelf Research</i> , 2015, 104, 25-36.	0.9	59
117	Seasonal and ENSO-related interannual variability of subsurface fronts separating West Philippine Sea waters from South China Sea waters near the Luzon Strait. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 103, 13-23.	0.6	12
118	Mixing behavior and bioavailability of dissolved organic matter in two contrasting subterranean estuaries as revealed by fluorescence spectroscopy and parallel factor analysis. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 166, 161-169.	0.9	34
119	A novel all-solid-state ammonium electrode with polyaniline and copolymer of aniline/2,5-dimethoxyaniline as transducers. <i>Journal of Electroanalytical Chemistry</i> , 2015, 741, 87-92.	1.9	31
120	Effects of ultraviolet radiation on marine primary production with reference to satellite remote sensing. <i>Frontiers of Earth Science</i> , 2015, 9, 237-247.	0.9	7
121	Evaluation of the sinks and sources of atmospheric CO ₂ by artificial upwelling. <i>Science of the Total Environment</i> , 2015, 511, 692-702.	3.9	37
122	Rare earth elements in surface sediments of a marine coast under heavy anthropogenic influence: The Bohai Bay, China. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 164, 86-93.	0.9	42
123	Satellite remote sensing of ultraviolet irradiance on the ocean surface. <i>Acta Oceanologica Sinica</i> , 2015, 34, 101-112.	0.4	6
124	Varying intensity of Kuroshio intrusion into Southeast Taiwan Strait during ENSO events. <i>Continental Shelf Research</i> , 2015, 103, 79-87.	0.9	34
125	Estimation of typhoon-enhanced primary production in the South China Sea: A comparison with the Western North Pacific. <i>Continental Shelf Research</i> , 2015, 111, 286-293.	0.9	19
126	Contamination, distribution, and sources of heavy metals in the sediments of Andong tidal flat, Hangzhou bay, China. <i>Continental Shelf Research</i> , 2015, 110, 72-84.	0.9	50

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127	The optimization of Ag/Ag ₂ S electrode using carrier electroplating of nano silver particles and its preliminary application to offshore Kueishan Tao, Taiwan. <i>Continental Shelf Research</i> , 2015, 111, 262-267.	0.9	8
128	Hydrodynamic design of deep ocean water discharge for the creation of a nutrient-rich plume in the South China Sea. <i>Ocean Engineering</i> , 2015, 108, 356-368.	1.9	26
129	Intrusion of the Pearl River plume into the main channel of the Taiwan Strait in summer. <i>Journal of Sea Research</i> , 2015, 95, 1-15.	0.6	60
130	Sediment Quality of the SW Coastal Laizhou Bay, Bohai Sea, China: A Comprehensive Assessment Based on the Analysis of Heavy Metals. <i>PLoS ONE</i> , 2015, 10, e0122190.	1.1	38
131	Zn-Driven Discovery of a Hydrothermal Vent Fungal Metabolite Clavustide C, and an Experimental Study of the Anti-Cancer Mechanism of Clavustide B. <i>Marine Drugs</i> , 2014, 12, 3203-3217.	2.2	24
132	Estimating dissolved organic carbon inventories in the East China Sea using remote sensing data. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 6557-6574.	1.0	28
133	Summertime Changjiang River plume variation during 1998–2010. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 6238-6257.	1.0	88
134	Looming hypoxia on outer shelves caused by reduced ventilation in the open oceans: Case study of the East China Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 151, 355-360.	0.9	28
135	Holocene monsoonal climate changes tracked by multiproxy approach from a lacustrine sediment core of the subalpine Retreat Lake in Taiwan. <i>Quaternary International</i> , 2014, 333, 69-76.	0.7	26
136	Rare earth elements in intertidal sediments of Bohai Bay, China: Concentration, fractionation and the influence of sediment texture. <i>Ecotoxicology and Environmental Safety</i> , 2014, 105, 72-79.	2.9	19
137	A review of Holocene solar-linked climatic variation on centennial to millennial timescales: Physical processes, interpretative frameworks and a new multiple cross-wavelet transform algorithm. <i>Earth-Science Reviews</i> , 2014, 134, 1-15.	4.0	97
138	Spatial distribution pattern of seafloor hydrothermal vents to the southeastern Kueishan Tao offshore Taiwan Island. <i>Acta Oceanologica Sinica</i> , 2014, 33, 37-44.	0.4	16
139	Pollution status of the Bohai Sea: An overview of the environmental quality assessment related trace metals. <i>Environment International</i> , 2014, 62, 12-30.	4.8	297
140	Comparison of subtropical surface water chemistry between the large Pearl River in China and small mountainous rivers in Taiwan. <i>Journal of Asian Earth Sciences</i> , 2014, 79, 182-190.	1.0	10
141	Satellite views of the episodic terrestrial material transport to the southern Okinawa trough driven by typhoon. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4490-4504.	1.0	33
142	The satellite reversion of dissolved organic carbon (DOC) based on the analysis of the mixing behavior of DOC and colored dissolved organic matter: the East China Sea as an example. <i>Acta Oceanologica Sinica</i> , 2013, 32, 1-11.	0.4	10
143	Rare earth elements in hydrothermal fluids from Kueishantao, off northeastern Taiwan: Indicators of shallow-water, sub-seafloor hydrothermal processes. <i>Science Bulletin</i> , 2013, 58, 4012-4020.	1.7	14
144	Using geostationary satellite ocean color data to map the diurnal dynamics of suspended particulate matter in coastal waters. <i>Remote Sensing of Environment</i> , 2013, 133, 225-239.	4.6	210

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