

Tsuneo Ono

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

6,701
citations

159585

30
h-index

71685

76
g-index

91
all docs

91
docs citations

91
times ranked

9066
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Carbon Budget 2020. <i>Earth System Science Data</i> , 2020, 12, 3269-3340.	9.9	1,477
2	Global Carbon Budget 2019. <i>Earth System Science Data</i> , 2019, 11, 1783-1838.	9.9	1,159
3	Global Carbon Budget 2016. <i>Earth System Science Data</i> , 2016, 8, 605-649.	9.9	905
4	A Mesoscale Iron Enrichment in the Western Subarctic Pacific Induces a Large Centric Diatom Bloom. <i>Science</i> , 2003, 300, 958-961.	12.6	471
5	A multi-decade record of high-quality CO_2 data in version 3 of the Surface Ocean CO_2 Atlas (SOCAT). <i>Earth System Science Data</i> , 2016, 8, 383-413.	9.9	413
6	Iron supply to the western subarctic Pacific: Importance of iron export from the Sea of Okhotsk. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	200
7	Temporal Trends in Apparent Oxygen Utilization in the Upper Pycnocline of the North Pacific: 1980–2000. <i>Journal of Oceanography</i> , 2004, 60, 139-147.	1.7	129
8	Increase in total carbonate in the western North Pacific water and a hypothesis on the missing sink of anthropogenic carbon. <i>Journal of Oceanography</i> , 1993, 49, 305-315.	1.7	112
9	Evidence for the grazing hypothesis: Grazing reduces phytoplankton responses of the HNLC ecosystem to iron enrichment in the western subarctic pacific (SEEDS II). <i>Journal of Oceanography</i> , 2007, 63, 983-994.	1.7	80
10	Southwest Intrusion of ^{134}Cs and ^{137}Cs Derived from the Fukushima Dai-ichi Nuclear Power Plant Accident in the Western North Pacific. <i>Environmental Science & Technology</i> , 2014, 48, 3120-3127.	10.0	70
11	Synchronous bidecadal periodic changes of oxygen, phosphate and temperature between the Japan Sea deep water and the North Pacific intermediate water. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	63
12	Responses of diatoms to iron-enrichment (SEEDS) in the western subarctic Pacific, temporal and spatial comparisons. <i>Progress in Oceanography</i> , 2005, 64, 189-205.	3.2	63
13	Size dependence of iron solubility of Asian mineral dust particles. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	62
14	Interannual variation in Neocalanus biomass in the Oyashio waters of the western North Pacific. <i>Fisheries Oceanography</i> , 2005, 14, 210-222.	1.7	61
15	Five-minute resolved spatial distribution of radiocesium in sea sediment derived from the Fukushima Dai-ichi Nuclear Power Plant. <i>Journal of Environmental Radioactivity</i> , 2014, 138, 264-275.	1.7	55
16	Basin-scale extrapolation of shipboard pCO_2 data by using satellite SST and Chl $_a$. <i>International Journal of Remote Sensing</i> , 2004, 25, 3803-3815.	2.9	53
17	Increased Stratification and Decreased Lower Trophic Level Productivity in the Oyashio Region of the North Pacific: A 30-Year Retrospective Study. <i>Journal of Oceanography</i> , 2004, 60, 149-162.	1.7	51
18	Oceanic iron supply mechanisms which support the spring diatom bloom in the Oyashio region, western subarctic Pacific. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	49

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19	Radioactive cesium dynamics derived from hydrographic observations in the Abukuma River Estuary, Japan. <i>Journal of Environmental Radioactivity</i> , 2016, 153, 1-9.	1.7	46
20	Intrusion of Fukushima-derived radiocaesium into subsurface water due to formation of mode waters in the North Pacific. <i>Scientific Reports</i> , 2016, 6, 22010.	3.3	45
21	Distribution of local ¹³⁷ Cs anomalies on the seafloor near the Fukushima Dai-ichi Nuclear Power Plant. <i>Marine Pollution Bulletin</i> , 2013, 74, 344-350.	5.0	44
22	Distribution of total carbonate and related properties in the North Pacific along 30°N. <i>Journal of Geophysical Research</i> , 1998, 103, 30873-30883.	3.3	38
23	Nutrient enrichment of the subarctic Pacific Ocean pycnocline. <i>Geophysical Research Letters</i> , 2013, 40, 2200-2205.	4.0	38
24	Mapping of sea surface nutrients in the North Pacific: Basin-wide distribution and seasonal to interannual variability. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 7756-7771.	2.6	38
25	Concentrations of ⁹⁰ Sr and ¹³⁷ Cs/ ⁹⁰ Sr activity ratios in marine fishes after the Fukushima Dai-ichi Nuclear Power Plant accident. <i>Fisheries Oceanography</i> , 2017, 26, 221-233.	1.7	36
26	Effects of elevated pCO ₂ on the early development of the commercially important gastropod, Ezo abalone <i>Haliotis discus hannai</i> . <i>Fisheries Oceanography</i> , 2011, 20, 357-366.	1.7	35
27	Mesozooplankton response to iron enrichment during the diatom bloom and bloom decline in SERIES (NE Pacific). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2006, 53, 2281-2296.	1.4	33
28	Isotopic tracers for water masses in the coastal region of eastern Hokkaido. <i>Journal of Oceanography</i> , 2008, 64, 525-539.	1.7	33
29	Mesozooplankton responses to iron-fertilization in the western subarctic Pacific (SEEDS2001). <i>Progress in Oceanography</i> , 2005, 64, 237-251.	3.2	32
30	Impacts of elevated CO ₂ on particulate and dissolved organic matter production: microcosm experiments using iron-deficient plankton communities in open subarctic waters. <i>Journal of Oceanography</i> , 2013, 69, 601-618.	1.7	32
31	Use of Otolith for Detecting Strontium-90 in Fish from the Harbor of Fukushima Dai-ichi Nuclear Power Plant. <i>Environmental Science & Technology</i> , 2015, 49, 7294-7301.	10.0	32
32	Isoscapes reveal patterns of ¹³ C and ¹⁵ N of pelagic forage fish and squid in the Northwest Pacific Ocean. <i>Progress in Oceanography</i> , 2019, 175, 124-138.	3.2	32
33	Concentration of ¹³⁴ Cs + ¹³⁷ Cs bonded to the organic fraction of sediments offshore Fukushima, Japan. <i>Geochemical Journal</i> , 2015, 49, 219-227.	1.0	31
34	Seasonal change of oceanographic conditions and chlorophyll a vertical distribution in the southwestern Okhotsk Sea during the non-iced season. <i>Journal of Oceanography</i> , 2010, 66, 13-26.	1.7	30
35	Effects of ocean acidification with pCO ₂ diurnal fluctuations on survival and larval shell formation of Ezo abalone, <i>Haliotis discus hannai</i> . <i>Marine Environmental Research</i> , 2018, 134, 28-36.	2.5	30
36	Radiocesium contamination of greenlings (<i>Hexagrammos otakii</i>) off the coast of Fukushima. <i>Scientific Reports</i> , 2015, 4, 6851.	3.3	29

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37	Comparison of radioactive cesium contamination of lake water, bottom sediment, plankton, and freshwater fish among lakes of Fukushima Prefecture, Japan after the Fukushima fallout. <i>Fisheries Science</i> , 2015, 81, 737-747.	1.6	28
38	Organic matter production response to CO ₂ increase in open subarctic plankton communities: Comparison of six microcosm experiments under iron-limited and -enriched bloom conditions. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 94, 1-14.	1.4	27
39	Primary productivity, bacterial productivity and nitrogen uptake in response to iron enrichment during the SEEDS II. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 2755-2766.	1.4	25
40	Iron deficiency in micro-sized diatoms in the Oyashio region of the Western subarctic Pacific during spring. <i>Journal of Oceanography</i> , 2010, 66, 105-115.	1.7	25
41	Fukushima-derived radionuclides ¹³⁴ Cs and ¹³⁷ Cs in zooplankton and seawater samples collected off the Joban-Sanriku coast, in Sendai Bay, and in the Oyashio region. <i>Fisheries Science</i> , 2015, 81, 139-153.	1.6	25
42	Temporal Change of Dissolved Inorganic Carbon in the Subsurface Water at Station KNOT (44°N, 155°E) in the Western North Pacific Subpolar Region. <i>Journal of Oceanography</i> , 2005, 61, 129-139.	1.7	23
43	Exposure of a herbivorous fish to ¹³⁴ Cs and ¹³⁷ Cs from the riverbed following the Fukushima disaster. <i>Journal of Environmental Radioactivity</i> , 2015, 141, 32-37.	1.7	23
44	Possible mechanisms of decadal-scale variation in PO ₄ concentration in the western North Pacific. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	22
45	Evidence of westward transoceanic migration of Pacific bluefin tuna in the Sea of Japan based on stable isotope analysis. <i>Marine Biology</i> , 2017, 164, 1.	1.5	21
46	Trends and decadal oscillations of oxygen and nutrients at 50 to 300 m depth in the equatorial and North Pacific. <i>Biogeosciences</i> , 2020, 17, 813-831.	3.3	21
47	Monthly maps of sea surface dissolved inorganic carbon in the North Pacific: Basin-wide distribution and seasonal variation. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 3843-3850.	2.6	20
48	Nutrient and phytoplankton dynamics during the stationary and declining phases of a phytoplankton bloom induced by iron-enrichment in the eastern subarctic Pacific. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2006, 53, 2168-2181.	1.4	18
49	Effects of ocean acidification on the early developmental stages of the horned turban, <i>Turbo cornutus</i> . <i>Marine Biology</i> , 2014, 161, 1127-1138.	1.5	17
50	Calcium carbonate saturation and ocean acidification in Tokyo Bay, Japan. <i>Journal of Oceanography</i> , 2015, 71, 427-439.	1.7	16
51	Recent increase of DIC in the western North Pacific. <i>Marine Chemistry</i> , 2000, 72, 317-328.	2.3	15
52	Re-Estimation of Annual Anthropogenic Carbon Input from Oyashio into North Pacific Intermediate Water. <i>Journal of Oceanography</i> , 2003, 59, 883-891.	1.7	15
53	Recent decrease of summer nutrients concentrations and future possible shrinkage of the subarctic North Pacific high-nutrient low-chlorophyll region. <i>Global Biogeochemical Cycles</i> , 2008, 22, .	4.9	15
54	Biogeochemical cycling of N and Si during the mesoscale iron-enrichment experiment in the western subarctic Pacific (SEEDS-II). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 2852-2862.	1.4	15

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55	Application of an automatic approach to calibrate the NEMURO nutrient-phytoplankton-zooplankton food web model in the Oyashio region. <i>Progress in Oceanography</i> , 2010, 87, 186-200.	3.2	15
56	Feeding habits of six species of euphausiids (Decapoda: Euphausiacea) in the northwestern Pacific Ocean determined by carbon and nitrogen stable isotope ratios. <i>Journal of Crustacean Biology</i> , 2017, 37, 29-36.	0.8	15
57	Perspectives on in situ Sensors for Ocean Acidification Research. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	15
58	Title is missing!. <i>Journal of Oceanography</i> , 2000, 56, 675-689.	1.7	14
59	Seasonal and regional change in vertical distribution and diel vertical migration of four euphausiid species (<i>Euphausia pacifica</i> , <i>Thysanoessa inspinata</i> , <i>T. longipes</i> , and <i>Tessarabrachion oculatum</i>) in the northwestern Pacific. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 109, 1-9.	1.4	14
60	Comparison of Time-Dependent Tracer Ages in the Western North Pacific: Oceanic Background Levels		

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73	Flux of low salinity water from Aniva Bay (Sakhalin Island) to the southern Okhotsk Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 91, 24-32.	2.1	4
74	Long-term trends of oxygen concentration in the waters in bank and shelves of the Southern Japan Sea. <i>Journal of Oceanography</i> , 2021, 77, 659-684.	1.7	4
75	Effect of seasonal change in gas transfer coefficient on air-sea CO ₂ flux in the western North Pacific. <i>Journal of Oceanography</i> , 2015, 71, 685-701.	1.7	2
76	Comparison of the Radioactive Cesium Contamination Level of Fish and their Habitat Among Three Lakes in Fukushima Prefecture, Japan, After the Fukushima Fallout. , 2015, , 187-199.		2
77	Assessment of Radiocesium Accumulation by Hatchery-Reared Salmonids After the Fukushima Nuclear Accident. , 2015, , 231-238.		2
78	Radiocesium contamination of aquatic organisms in the estuary of the Abukuma River flowing through Fukushima. <i>Fisheries Oceanography</i> , 2017, 26, 208-220.	1.7	1
79	Radiocesium Concentrations and Body Size of Freshwater Fish in Lake Hayama 1 Year After the Fukushima Dai-Ichi Nuclear Power Plant Accident. , 2015, , 201-209.		1
80	Three-Dimensional Distribution of Radiocesium in Sea Sediment Derived from the Fukushima Dai-ichi Nuclear Power Plant. , 2015, , 53-65.		1
81	Radiocesium Concentration of Small Epipelagic Fishes (Sardine and Japanese Anchovy) off the Kashima-Boso Area. , 2015, , 111-122.		1
82	Detection of ¹³¹ I, ¹³⁴ Cs, and ¹³⁷ Cs Released into the Atmosphere from FNPP in Small Epipelagic Fishes, Japanese Sardine and Japanese Anchovy, off the Kanto Area, Japan. , 2015, , 101-109.		1
83	Correction to "Oceanic iron supply mechanisms which support the spring diatom bloom in the Oyashio region, western subarctic Pacific". <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	0
84	Spatial high-resolution estimation of net oxygen production during spring bloom in the western North Pacific using dissolved oxygen, nitrogen and argon. <i>Marine Chemistry</i> , 2013, 149, 85-95.	2.3	0
85	Evaluating the Probability of Catching Fat Greenlings (<i>Hexagrammos otakii</i>) Highly Contaminated with Radiocesium off the Coast of Fukushima. , 2015, , 155-161.		0
86	Seasonal Variations of Oceanographic Conditions in the Continental Shelf Area off the Eastern Pacific Coast of Hokkaido, Japan. <i>Oceanography in Japan</i> , 2015, 24, 49-50.	0.5	0
87	Spatiotemporal Monitoring of ¹³⁴ Cs and ¹³⁷ Cs in Ayu, <i>Plecoglossus altivelis</i> , a Microalgae-Grazing Fish, and in Their Freshwater Habitats in Fukushima. , 2015, , 211-219.		0