

# Tsuneo Ono

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8843188/publications.pdf>

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	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
2	Spatial and Seasonal Variations of Stable Isotope Ratios of Particulate Organic Carbon and Nitrogen in the Surface Water of the Kuroshio. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017175.	2.6	6
3	Vertical distribution of larval Pacific bluefin tuna, <i>Thunnus orientalis</i> , in the Japan Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 175, 104785.	1.4	5
4	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
5	Global Carbon Budget 2020. <i>Earth System Science Data</i> , 2020, 12, 3269-3340.	9.9	1,477
6	Perspectives on in situ Sensors for Ocean Acidification Research. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	15
7	Isoscapes reveal patterns of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ of pelagic forage fish and squid in the Northwest Pacific Ocean. <i>Progress in Oceanography</i> , 2019, 175, 124-138.	3.2	32
8	Global Carbon Budget 2019. <i>Earth System Science Data</i> , 2019, 11, 1783-1838.	9.9	1,159
9	Effects of ocean acidification with pCO <sub>2</sub> 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
10	Concentrations of <sup>90</sup> Sr and <sup>137</sup> Cs/ <sup>90</sup> Sr activity ratios in marine fishes after the Fukushima Daiichi Nuclear Power Plant accident. <i>Fisheries Oceanography</i> , 2017, 26, 221-233.	1.7	36
11	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
12	Short-term variation in copepod community and physical environment in the waters adjacent to the Kuroshio Current. <i>Journal of Oceanography</i> , 2017, 73, 603-622.	1.7	11
13	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
14	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
15	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
16	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
17	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
18	A multi-decade record of high-quality $\text{CO}_2$ data in version 3 of the Surface Ocean $\text{CO}_2$ Atlas (SOCAT). <i>Earth System Science Data</i> , 2016, 8, 383-413.	9.9	413

#	ARTICLE	IF	CITATIONS
19	Global Carbon Budget 2016. <i>Earth System Science Data</i> , 2016, 8, 605-649.	9.9	905
20	Radiocesium contamination of greenlings ( <i>Hexagrammos otakii</i> ) off the coast of Fukushima. <i>Scientific Reports</i> , 2015, 4, 6851.	3.3	29
21	Effect of seasonal change in gas transfer coefficient on air-sea CO <sub>2</sub> flux in the western North Pacific. <i>Journal of Oceanography</i> , 2015, 71, 685-701.	1.7	2
22	Use of Otolith for Detecting Strontium-90 in Fish from the Harbor of Fukushima Dai-ichi Nuclear Power Plant. <i>Environmental Science &amp; Technology</i> , 2015, 49, 7294-7301.	10.0	32
23	Calcium carbonate saturation and ocean acidification in Tokyo Bay, Japan. <i>Journal of Oceanography</i> , 2015, 71, 427-439.	1.7	16
24	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
25	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
26	Exposure of a herbivorous fish to <sup>134</sup> Cs and <sup>137</sup> Cs from the riverbed following the Fukushima disaster. <i>Journal of Environmental Radioactivity</i> , 2015, 141, 32-37.	1.7	23
27	Fukushima-derived radionuclides <sup>134</sup> Cs and <sup>137</sup> 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
28	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
29	Three-Dimensional Distribution of Radiocesium in Sea Sediment Derived from the Fukushima Dai-ichi Nuclear Power Plant. , 2015, , 53-65.		1
30	Radiocesium Concentration of Small Epipelagic Fishes (Sardine and Japanese Anchovy) off the Kashima-Boso Area. , 2015, , 111-122.		1
31	Concentration of <sup>134</sup> Cs + <sup>137</sup> Cs bonded to the organic fraction of sediments offshore Fukushima, Japan. <i>Geochemical Journal</i> , 2015, 49, 219-227.	1.0	31
32	Evaluating the Probability of Catching Fat Greenlings ( <i>Hexagrammos otakii</i> ) Highly Contaminated with Radiocesium off the Coast of Fukushima. , 2015, , 155-161.		0
33	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
34	Spatiotemporal Monitoring of <sup>134</sup> Cs and <sup>137</sup> Cs in Ayu, <i>Plecoglossus altivelis</i> , a Microalgae-Grazing Fish, and in Their Freshwater Habitats in Fukushima. , 2015, , 211-219.		0
35	Assessment of Radiocesium Accumulation by Hatchery-Reared Salmonids After the Fukushima Nuclear Accident. , 2015, , 231-238.		2
36	Detection of <sup>131</sup> I, <sup>134</sup> Cs, and <sup>137</sup> 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

#	ARTICLE	IF	CITATIONS
37	North Pacific dissolved inorganic carbon variations related to the Pacific Decadal Oscillation. <i>Geophysical Research Letters</i> , 2014, 41, 1005-1011.	4.0	13
38	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
39	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
40	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
41	Organic matter production response to CO <sub>2</sub> 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
42	Southwest Intrusion of <sup>134</sup> Cs and <sup>137</sup> Cs Derived from the Fukushima Dai-ichi Nuclear Power Plant Accident in the Western North Pacific. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3120-3127.	10.0	70
43	<sup>134</sup> Cs and <sup>137</sup> Cs in seawater around Japan after the Fukushima Dai-ichi Nuclear Power Plant accident. <i>Oceanography in Japan</i> , 2014, 23, 127-146.	0.5	7
44	Distribution of local <sup>137</sup> 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
45	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
46	Effects of low pCO <sub>2</sub> conditions on sea urchin larval size. <i>Marine Ecology</i> , 2013, 34, 443-450.	1.1	8
47	Nutrient enrichment of the subarctic Pacific Ocean pycnocline. <i>Geophysical Research Letters</i> , 2013, 40, 2200-2205.	4.0	38
48	Impacts of elevated CO <sub>2</sub> 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
49	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
50	Decadal Vision in Oceanography (II). <i>Oceanography in Japan</i> , 2013, 22, 219-251.	0.5	7
51	A new climatology of the Okhotsk Sea derived from the FERHRI database. <i>Journal of Oceanography</i> , 2012, 68, 869-886.	1.7	12
52	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
53	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
54	Effects of elevated pCO <sub>2</sub> 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

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	Size dependence of iron solubility of Asian mineral dust particles. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	62
63	Isotopic tracers for water masses in the coastal region of eastern Hokkaido. <i>Journal of Oceanography</i> , 2008, 64, 525-539.	1.7	33
64	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
65	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
66	Has the 1998 regime shift also occurred in the oceanographic conditions and lower trophic ecosystem of the Oyashio region?. <i>Journal of Oceanography</i> , 2007, 63, 661-669.	1.7	11
67	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
68	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
69	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
70	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
71	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
72	Mesozooplankton responses to iron-fertilization in the western subarctic Pacific (SEEDS2001). <i>Progress in Oceanography</i> , 2005, 64, 237-251.	3.2	32

#	ARTICLE	IF	CITATIONS
73	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
74	Seasonal and Interannual Variation of DIC in Surface Mixed Layer in the Oyashio Region: A Climatological View. <i>Journal of Oceanography</i> , 2005, 61, 1075-1087.	1.7	9
75	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
76	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
77	Basin-scale extrapolation of shipboard pCO <sub>2</sub> data by using satellite SST and Chl <sub>a</sub> . <i>International Journal of Remote Sensing</i> , 2004, 25, 3803-3815.	2.9	53
78	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
79	Comparison of Time-Dependent Tracer Ages in the Western North Pacific: Oceanic Background Levels		