

# Kaneko Arata

## List of Publications by Year in descending order

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41  
papers

831  
citations

567281

15  
h-index

526287

27  
g-index

42  
all docs

42  
docs citations

42  
times ranked

438  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in studies of the South China Sea circulation. <i>Journal of Oceanography</i> , 2008, 64, 753-762.	1.7	117
2	Assimilation of coastal acoustic tomography data into a barotropic ocean model. <i>Geophysical Research Letters</i> , 2000, 27, 3373-3376.	4.0	72
3	A Continuous Mapping of Tidal Current Structures in the Kanmon Strait. <i>Journal of Oceanography</i> , 2005, 61, 283-294.	1.7	49
4	The Kuroshio East of Taiwan and in the East China Sea and the currents East of Ryukyu Islands during early summer of 1996. <i>Journal of Oceanography</i> , 1998, 54, 217-226.	1.7	48
5	Mapping Tidal Current Structures in Zhitouyang Bay, China, Using Coastal Acoustic Tomography. <i>IEEE Journal of Oceanic Engineering</i> , 2013, 38, 285-296.	3.8	47
6	Accurate imaging and prediction of Kanmon Strait tidal current structures by the coastal acoustic tomography data. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	44
7	Tomographic mapping of a coastal upwelling and the associated diurnal internal tides in Hiroshima Bay, Japan. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 4288-4305.	2.6	36
8	Numerical and observational estimates of Indian Ocean Kelvin wave intrusion into Lombok Strait. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	35
9	Computer Simulation of Coastal Acoustic Tomography by a Two-Dimensional Vortex Model. <i>Journal of Oceanography</i> , 2001, 57, 593-602.	1.7	33
10	Measuring discharge in a river with tidal bores by use of the coastal acoustic tomography system. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 104-105, 54-65.	2.1	33
11	Observing Internal Solitary Waves in the Lombok Strait by Coastal Acoustic Tomography. <i>Geophysical Research Letters</i> , 2019, 46, 10475-10483.	4.0	26
12	Mapping of a Typhoon-Driven Coastal Upwelling by Assimilating Coastal Acoustic Tomography Data. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 7822-7837.	2.6	25
13	Design of the acoustic tomography system for velocity measurement with an application to the coastal sea.. <i>Journal of the Acoustical Society of Japan (E)</i> , 1998, 19, 199-210.	0.1	24
14	Application of acoustic tomography to reconstruct the horizontal flow velocity field in a shallow river. <i>Water Resources Research</i> , 2015, 51, 9665-9678.	4.2	20
15	Reciprocal sound transmission measurement of mean current and temperature variations in the central part (Aki-nada) of the Seto Inland Sea, Japan. <i>Journal of Oceanography</i> , 2011, 67, 173-182.	1.7	16
16	Observation of mixed Rossby-gravity waves in the Western equatorial Pacific. <i>Journal of Oceanography</i> , 1998, 54, 133-141.	1.7	15
17	Acoustic Measurement of Multisubtidal Internal Modes Generated in Hiroshima Bay, Japan. <i>IEEE Journal of Oceanic Engineering</i> , 2009, 34, 103-112.	3.8	15
18	Long-term acoustic tomography measurement of ocean currents at the northern part of the Luzon Strait. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	15

#	ARTICLE	IF	CITATIONS
19	Acoustic measurement of the net transport through the Seto Inland Sea. <i>Acoustical Science and Technology</i> , 2016, 37, 10-20.	0.5	15
20	Profiling measurement of internal tides in Bali Strait by reciprocal sound transmission. <i>Acoustical Science and Technology</i> , 2017, 38, 246-253.	0.5	14
21	Diurnal variability and its quantification of subsurface sound scatterers in the western equatorial Pacific. <i>Journal of Oceanography</i> , 1996, 52, 655-674.	1.7	13
22	Monitoring Surface Velocity from Repeated ADCP Observations and Satellite Altimetry. <i>Journal of Oceanography</i> , 2004, 60, 365-374.	1.7	11
23	Tomographic measurement of tidal current and associated 3-h oscillation in Bali Strait. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 236, 106655.	2.1	11
24	Real-Time Offshore Coastal Acoustic Tomography Enabled With Mirror-Transpond Functionality. <i>IEEE Journal of Oceanic Engineering</i> , 2020, 45, 645-655.	3.8	10
25	Mapping of tidal current and associated nonlinear currents in the Xiangshan Bay by coastal acoustic tomography. <i>Ocean Dynamics</i> , 2021, 71, 811.	2.2	9
26	Tidal current measurement in the Kurushima Strait by the reciprocal sound transmission method. <i>Acoustical Science and Technology</i> , 2012, 33, 45-51.	0.5	8
27	Dynamics of Tidal and Residual Currents Based on Coastal Acoustic Tomography Assimilated Data Obtained in Jiaozhou Bay, China. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017003.	2.6	8
28	Analysis of internal tidal characteristics in the layer above 450 m from acoustic Doppler current profiler observations in the Luzon Strait. <i>Science China Earth Sciences</i> , 2011, 54, 1078-1094.	5.2	7
29	Mapping Current Fields in a Bay Using a Coast-Fitting Tomographic Inversion. <i>Sensors</i> , 2020, 20, 558.	3.8	7
30	Nontidal sea level changes in Hiroshima Bay, Japan. <i>Acta Oceanologica Sinica</i> , 2014, 33, 47-55.	1.0	6
31	Observation of Internal Tides in the Qiongzhou Strait by Coastal Acoustic Tomography. <i>Journal of Ocean University of China</i> , 2021, 20, 1037-1045.	1.2	6
32	Estimation and Projection of Non-Linear Relative Sea-Level Rise in the Seto Inland Sea, Japan. <i>Atmosphere - Ocean</i> , 2015, 53, 398-411.	1.6	5
33	Reciprocal sound transmission experiments for current measurement in a tidal river. , 2010, , .		4
34	Short-Range Water Temperature Profiling in a Lake with Coastal Acoustic Tomography. <i>Sensors</i> , 2020, 20, 4498.	3.8	4
35	Application to Various Fields and Phenomena. , 2020, , 249-307.		4
36	Coastal Acoustic Tomography of the Neko-Seto Channel with a Focus on the Generation of Nonlinear Tidal Currents—Revisiting the First Experiment. <i>Remote Sensing</i> , 2022, 14, 1699.	4.0	4

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37	Sea Surface Measurement by a Self-Contained Upward-Looking ADCP. Journal of the Meteorological Society of Japan, 1995, 73, 639-643.	1.8	3
38	Short-term variabilities of upper ocean current in the warm pool region during TOGA/COARE IOP. Journal of Oceanography, 1998, 54, 227-240.	1.7	2
39	Quasi-2-Day Signals Observed in the Warm Pool Region during TOGA/COARE IOP. Journal of Oceanography, 2000, 56, 539-552.	1.7	2
40	The first Chinese coastal acoustic tomography experiment. , 2010, , .		2
41	Reciprocal sound transmission measurement of the 5-day temperature variation in the Kurushima Strait. Acoustical Science and Technology, 2012, 33, 59-63.	0.5	2