Daisuke Matsuoka

List of Publications by Year
in descending order

23 papers	222 citations	1307594 7 h-index	1058476 14 g-index
28 all docs	28 docs citations	28 times ranked	247 citing authors

#	Article	IF	Citations
1	Pixel-level image classification for detecting beach litter using a deep learning approach. Marine Pollution Bulletin, 2022, 175, 113371.	5.0	19
2	The BeachLitter dataset for image segmentation of beach litter. Data in Brief, 2022, 42, 108072.	1.0	4
3	Super-Resolution and Feature Extraction for Ocean Bathymetric Maps Using Sparse Coding. Sensors, 2022, 22, 3198.	3.8	5
4	Super-resolution for Ocean Bathymetric Maps Using Deep Learning Approaches : A Comparison and Validation. Geoinformatics, 2021, 32, 3-13.	0.1	3
5	Decadal vision in oceanography 2021: New methods and problems. Oceanography in Japan, 2021, 30, 227-253.	0.5	5
6	Classification of imbalanced cloud image data using deep neural networks: performance improvement through a data science competition. Progress in Earth and Planetary Science, 2021, 8, .	3.0	6
7	Application of Deep Learning to Estimate Atmospheric Gravity Wave Parameters in Reanalysis Data Sets. Geophysical Research Letters, 2020, 47, e2020GL089436.	4.0	23
8	A comparative visualization tool for ocean data analysis based on mode water regions. Journal of Visualization, 2020, 23, 313-329.	1.8	0
9	FLOOD FREQUENCY ANALYSIS AND IMPACT ASSESSMENT FOR CLIMATE CHANGE IN THE NAGARA RIVER BASIN. Journal of Japan Society of Civil Engineers, 2020, 8, 79-86.	0.2	3
10	Automatic Detection of Stationary Fronts around Japan Using a Deep Convolutional Neural Network. Scientific Online Letters on the Atmosphere, 2019, 15, 154-159.	1.4	8
11	Event detection and visualization of ocean eddies simulated by ocean general circulation model. International Journal of Modeling, Simulation, and Scientific Computing, 2019, 10, 1950018.	1.4	4
12	Viewpoint Selection for Shape Comparison of Mode Water Regions in a VR Space. , 2019, , .		0
13	Deep learning approach for detecting tropical cyclones and their precursors in the simulation by a cloud-resolving global nonhydrostatic atmospheric model. Progress in Earth and Planetary Science, 2018, 5, .	3.0	60
14	A Comparative 3D Visualization Tool for Observation of Mode Water. , 2018, , .		4
15	Large-scale, high-speed tsunami prediction for the Great Nankai Trough Earthquake on the K computer. International Journal of High Performance Computing Applications, 2016, 30, 71-84.	3.7	31
16	A New Approach to Ocean Eddy Detection, Tracking, and Event Visualization â€“Application to the Northwest Pacific Ocean. Procedia Computer Science, 2016, 80, 1601-1611.	2.0	26
17	Fusion Visualization System as an Open Science Foundation. , 2016, , .		1
18	Multiple Scatter Plots-based Multi-Dimensional Transfer Function and its Application to Ocean Data Visualization. Journal of Advanced Simulation in Science and Engineering, 2015, 2, 292-308.	0.2	3

#	Article	IF	Citations
19	Application of Visual Analytics to Ocean Science: Case Studies. , 2014, , .		1
20	Visualization of Particle Trajectories in Time-Varying Electromagnetic Fields by CAVE-Type Virtual Reality System. Plasma and Fusion Research, 2012, 7, 1401001-1401001.	0.7	2
21	Displacement of conjugate points during a substorm in a global magnetohydrodynamic simulation. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	9
22	Global Magnetohydrodynamic Simulation and Visualization of Magnetic Flux Rope in the Earth's Magnetotail. IEEE Transactions on Plasma Science, 2011, 39, 2716-2717.	1.3	0
23	An evaluation of fluidics for tsunamis in pedestrianâ€™s flood evacuations. Artificial Life and Robotics, 0, , 1.	1.2	0