

# Kazunori Hosotani

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

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citations

3310631

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h-index

2549687

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44  
all docs

44  
docs citations

44  
times ranked

1  
citing authors

#	ARTICLE	IF	CITATIONS
1	Free-Flow Tunnel Inspection Support Devices Aiming at Labor Saving of Visual Checking. Journal of Robotics and Mechatronics, 2020, 32, 832-839.	0.5	3
2	RECENT SHORE PROTECTION IN INDONESIA. Journal of Japan Society of Civil Engineers Ser B3 (Ocean) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	0.0	1
3	Reconstruction of the Complex Flow with POD Method (Application to Flows Passing Across Tube) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222 T	0.2	1
4	2A1-C06 Thrust characteristics of the oscillating fin propulsors in a side-by-side arrangement. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2015, 2015, _2A1-C06_1-_2A1-C06_4.	0.0	1
5	Pilot study of an internal inspection support system for culverts using a VR camera mounted walking frame. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 1P1-D02.	0.0	1
6	Prototype of Weeding Robot Using Portable Terminal. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 1A1-E02.	0.0	1
7	Title is missing!. Proceedings of Civil Engineering in the Ocean, 2005, 21, 1017-1022.	0.0	0
8	CHANGE IN THE NUMBER OF LOGGERHEAD TURTLE LANDING ON REPRESENTATIVE NESTING BEACHES IN JAPAN. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2012, 68, l_1238-l_1243.	0.0	0
9	IMPACT OF OFFSHORE SAND MINING ON SANDY BEACH IN CORAL REEF ENVIRONMENT - CASE STUDY IN KINENHAMA BEACH, TOKUNOSHIMA ISLAND, JAPAN. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2015, 71, l_772-l_777.	0.0	0
10	MARINE DEBRIS DISTRIBUTION, VARIATION AND PATTERN/SEASONAL CHANGES ALONG THE COAST AND ON SEA SURFACE OF THE KAGOSHIMA BAY. Journal of Japan Society of Civil Engineers Ser B3 (Ocean) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	0.0	0
11	PREDICTING WAVE TRANSFORMATION DURING EXTREME WEATHER CONDITIONS. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2015, 71, l_353-l_358.	0.0	0
12	1113 Development of the small stirling engine with a rotary displacer for educational use. The Proceedings of Conference of Chugoku-Shikoku Branch, 2010, 2010.48, 349-350.	0.0	0
13	606 Development of small and portable wave tank for educational use. The Proceedings of Conference of Chugoku-Shikoku Branch, 2010, 2010.48, 171-172.	0.0	0
14	2A2-H01 Simple sea-turtle robots to encourage interest in engineering : Development of simple amphibious robot which can shuffle forward motion and swimming motion(Manufacturing) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T Robotics and Mechatronics (Robomec), 2011, 2011, _2A2-H01_1-_2A2-H01_4.	0.0	0
15	1002 Experimental Study on Propulsive Performance of an Oscillating Fin Propulsor Inspired from Sea Turtle-Propulsive Characteristics in Steady and Pulsating Flow Field-. The Proceedings of Conference of Chugoku-Shikoku Branch, 2011, 2011.49, 281-282.	0.0	0
16	M01 Development of an Alpha-type Stirling Cooler with a Simple Phase Angle Controller. The Proceedings of the Symposium on Stirling Cycle, 2011, 2011.14, 45-46.	0.0	0
17	2A2-G04 Manufacturing Education through Robot Contests in Tsuyama National College of Tech.(Education through Robot Contest). The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2011, 2011, _2A2-G04_1-_2A2-G04_2.	0.0	0
18	2P1-D01 Classroom Approaches Using Flipper Propelled Turtle-like Robots with Light Sensors : Children's Interests and Development of the Light Follower Robot and the Line Tracing Robot(Manufacturing Education and Mechatronics/Enjoy Mechatronics DIY (2)). The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2012, 2012, _2P1-D01_1-_2P1-D01_4.	0.0	0

#	ARTICLE	IF	CITATIONS
19	J052031 Development of the Variable Stiffness Control Device to Maintain the Flow Induced Vibration of an Elastically Supported Single Circular Cylinder. The Proceedings of Mechanical Engineering Congress Japan, 2013, 2013, _J052031-1-_J052031-3.	0.0	0
20	1205 Development of the Two-dimensional Oscillating Wing Units for an Open Channel with Narrow Path. The Proceedings of Conference of Chugoku-Shikoku Branch, 2013, 2013.51, _1205-1_-_1205-2_.	0.0	0
21	1020 Rotational fluctuation of the dockable two-dimensional oscillating wing system. The Proceedings of the Fluids Engineering Conference, 2013, 2013, _1020-01_-_1020-03_.	0.0	0
22	2P1-P02 Educational Outreach Using Flipper Propelled Sea Turtle-like and Penguin-like Robots : Low-cost Materials and Understanding of Children's Interests for Science and Engineering(Manufacturing Education and Mechatronics/Enjoy Mechatronics DIY). The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2013, 2013, _2P1-P02_1-_2P1-P02_4.	0.0	0
23	Thrust characteristics of the notched helical screw propulsor. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2016, 2016, 1P1-17a5.	0.0	0
24	1302 Lift characteristics of the fishtail like water turbine blade. The Proceedings of Conference of Chugoku-Shikoku Branch, 2016, 2016.54, _1302-1_-_1302-3_.	0.0	0
25	1206 Flow visualization of a double pipe flow using MRI Time-SLIP method. The Proceedings of Conference of Chugoku-Shikoku Branch, 2016, 2016.54, _1206-1_-_1206-4_.	0.0	0
26	Thrust characteristics of the oscillating fin propulsors set in a staggered formation. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2016, 2016, 1A1-11b3.	0.0	0
27	1404 Numerical and experimental evaluation of flow field around parallel jointed two-dimensional deforming wing propulsors. The Proceedings of Conference of Chugoku-Shikoku Branch, 2016, 2016.54, _1404-1_-_1404-3_.	0.0	0
28	DEVELOPMENT OF FLICKING PIEZOELECTRIC ENERGY HARVESER ON VIV OF A CIRCULAR CYLINDER. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2016, 72, I_820-I_825.	0.0	0
29	1313 Development of the hybrid helical screw propulsor by the notched Archimedes screw propeller. The Proceedings of Conference of Chugoku-Shikoku Branch, 2016, 2016.54, _1313-1_-_1313-3_.	0.0	0
30	Development of the Stirling engine test bench for mechatronics education. The Proceedings of the Symposium on Stirling Cycle, 2016, 2016.19, T11.	0.0	0
31	Amphibious Vehicle with Mecanum Wheel Propulsor. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2017, 2017, 2A1-A11.	0.0	0
32	Development of the MRI Flow Phantom System Focused on Fluid Machinery. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2017, 2017, 1A1-J02.	0.0	0
33	A Case Study of International Practical PBL for Manufacturing Education. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2018, 2018, 2P1-K12.	0.0	0
34	Experimental study of the schooling fish like paper fan. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2018, 2018.30, 1107.	0.0	0
35	Simple MRI flow phantom focused on cerebrospinal fluid flow. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2018, 2018.30, 1E01.	0.0	0
36	Climbing Performance of the Flexible Spiked Crawler Track. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2018, 2018, 2A1-G05.	0.0	0

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37	A Fish like Fin Propulsor with Variable Stiffness Controlled Fin Using Decompressed Silicon Tubes. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2018, 2018, 2P1-F09.	0.0	0
38	An experimental study of vortex-induced vibration of a circular cylinder in a shallow open channel. The Proceedings of Conference of Chugoku-Shikoku Branch, 2018, 2018.56, 711.	0.0	0
39	Flow visualization of a stirring tank using Time SLIP MRI. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2018, 2018.30, 1E02.	0.0	0
40	Development of Turning Control Method for a Paddy Weeding Robot. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 1A1-D06.	0.0	0
41	Development of underwater garbage collection system by jellyfish soft robot. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 1P2-G04.	0.0	0
42	Pilot Study of a Jellyfish Type Floating Plastic Garbage Collector Robot. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 2A2-Q02.	0.0	0
43	Pilot Study on Underwater Structure Restoration from Swinging Camera Motion. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 2A1-R06.	0.0	0
44	Development of jellyfish soft robot to collect rubbish floating in the water. The Proceedings of Mechanical Engineering Congress Japan, 2019, 2019, S11128.	0.0	0