

# Kazunori Hosotani

## List of Publications by Year in descending order

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44  
papers

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3310631  
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all docs

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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	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	Amphibious Vehicle with Mecanum Wheel Propulsor. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2017, 2017, 2A1-A11.	0.0	0
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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, I_772-I_777.	0.0	0
27	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 ETQq1 1 0.784314 rgBT/Overlo	0.0	0
28	PREDICTING WAVE TRANSFORMATION DURING EXTREME WEATHER CONDITIONS. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2015, 71, I_353-I_358.	0.0	0
29	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
30	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
31	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
32	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
33	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 ISME Annual Conference on Robotics and Mechatronics (Robomec). 2013, 2013, _2P1-P02_1-_2P1-P02_4.	0.0	0
34	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, I_1238-I_1243.	0.0	0
35	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 ISME Annual Conference on Robotics and Mechatronics (Robomec). 2012, 2012, _2P1-D01_1-_2P1-D01_4.	0.0	0
36	RECENT SHORE PROTECTION IN INDONESIA. Journal of Japan Society of Civil Engineers Ser B3 (Ocean) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.0	1

#	ARTICLE	IF	CITATIONS
37	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 ETQq1 1 0.784314 rgBT /Overlock 10 TTS Robotics and Mechatronics (Robomec), 2011, 2011, 2A2-H01 1- 2A2-H01 4.	0.0	0
38	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
39	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
40	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
41	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
42	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
43	Reconstruction of the Complex Flow with POD Method (Application to Flows Passing Across Tube) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TTS 0,2 rgBT 1	0.0	0
44	Title is missing!. Proceedings of Civil Engineering in the Ocean, 2005, 21, 1017-1022.	0.0	0