

# Jeung-Hoon Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8523078/publications.pdf>

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17  
papers

307  
citations

1040056

9  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of nonlinear complex stiffness of dual-chamber pneumatic spring for precision vibration isolations. <i>Journal of Sound and Vibration</i> , 2007, 301, 909-926.	3.9	103
2	Application of spectral kurtosis to the detection of tip vortex cavitation noise in marine propeller. <i>Mechanical Systems and Signal Processing</i> , 2013, 40, 222-236.	8.0	47
3	A method of transmissibility design for dual-chamber pneumatic vibration isolator. <i>Journal of Sound and Vibration</i> , 2009, 323, 67-92.	3.9	43
4	Application of signal processing techniques to the detection of tip vortex cavitation noise in marine propeller. <i>Journal of Hydrodynamics</i> , 2013, 25, 440-449.	3.2	22
5	Sea-trial verification of ultrasonic antifouling control. <i>Biofouling</i> , 2018, 34, 98-110.	2.2	18
6	Reduction of propeller cavitation induced hull exciting pressure by a reflected wave from air-bubble layer. <i>Ocean Engineering</i> , 2014, 77, 23-32.	4.3	16
7	Experimental Estimation of a Scaling Exponent for Tip Vortex Cavitation Via Its Inception Test in Full-and Model-Ship. <i>Journal of Hydrodynamics</i> , 2012, 24, 658-667.	3.2	13
8	Hyperbolic localization of incipient tip vortex cavitation in marine propeller using spectral kurtosis. <i>Mechanical Systems and Signal Processing</i> , 2018, 110, 442-457.	8.0	11
9	Acoustic localization of incipient cavitation in marine propeller using greedy-type compressive sensing. <i>Ocean Engineering</i> , 2020, 197, 106894.	4.3	10
10	Sea-trial verification of air-filled rubber membrane for mitigation of propeller cavitation induced hull excitation. <i>Ocean Engineering</i> , 2015, 110, 314-324.	4.3	9
11	Development of Hybrid Vibration Isolator by Inertial-Type Actuator and Wire Mesh Mount. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019, 24, 1356-1367.	5.8	6
12	Estimation of the Noise Source Level of a Commercial Ship Using On-Board Pressure Sensors. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1243.	2.5	4
13	Optimal sensor arrangement in random array for compressive-sensing based sound source identification. <i>Mechanical Systems and Signal Processing</i> , 2019, 133, 106296.	8.0	2
14	Estimation of the Complex Dynamic Stiffness of Inflated Rubber Diaphragms in Pneumatic Springs Using Finite Element Method. <i>Sensors</i> , 2020, 20, 6728.	3.8	2
15	Destructive frequency of oblate spheroidal air-balloon for suppression of propeller cavitation induced hull excitation. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 186-197.	1.1	1
16	Measurement of 6 Degree of Freedom Movement of Human Head in Low Frequency Range. , 2003, , .		0
17	Prefiltering Approach of Adaptive Eigenvalue Decomposition Method for an Improved Time Delay Estimation in Room Environment. <i>IEEE Access</i> , 2021, 9, 118443-118452.	4.2	0