

# Giwon Hong

## List of Publications by Year in descending order

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7  
papers

48  
citations

1937685

4  
h-index

1872680

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g-index

7  
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7  
docs citations

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times ranked

23  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical study of active control by piezoelectric materials for fluid-structure interaction problems. <i>Journal of Sound and Vibration</i> , 2018, 435, 23-35.	3.9	16
2	Parallel partitioned coupling analysis system for large-scale incompressible viscous fluid-structure interaction problems. <i>Computers and Fluids</i> , 2016, 141, 259-268.	2.5	11
3	Partitioned-coupling FSI analysis with active control. <i>Computational Mechanics</i> , 2017, 60, 549-558.	4.0	11
4	A mesh moving technique with minimum-height-based stiffening for fluid-structure interaction analysis. <i>Mechanical Engineering Letters</i> , 2017, 3, 16-00657-16-00657.	0.6	5
5	Fluid-structure interaction analysis of flexible flapping wing in the Martian environment. <i>Acta Astronautica</i> , 2022, 193, 138-151.	3.2	3
6	Robust fluid-structure interaction analysis for parametric study of flapping motion. <i>Finite Elements in Analysis and Design</i> , 2021, 183-184, 103494.	3.2	2
7	Spaciotemporal optimization of mesh moving techniques for fluid-structure interactions. <i>Transactions of the JSME (in Japanese)</i> , 2018, 84, 17-00451-17-00451.	0.2	0