

# Kang Ren

## List of Publications by Year in descending order

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11  
papers

165  
citations

1478505

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1281871

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Hydroelastic wave diffraction by a vertical circular cylinder standing in a channel with an ice cover. Journal of Fluid Mechanics, 2022, 941, .	3.4	5
2	Coupled free vibrations of liquid in a three-dimensional rectangular container with an elastic cover. Physics of Fluids, 2022, 34, .	4.0	5
3	Interactions of waves with a body floating in an open water channel confined by two semi-infinite ice sheets. Journal of Fluid Mechanics, 2021, 917, .	3.4	6
4	Natural Modes of Liquid Sloshing in a Cylindrical Container with an Elastic Cover. Journal of Sound and Vibration, 2021, 512, 116390.	3.9	5
5	Three-dimensional interaction between uniform current and a submerged horizontal cylinder in an ice-covered channel. Journal of Fluid Mechanics, 2021, 928, .	3.4	3
6	Hydroelastic waves propagating in an ice-covered channel. Journal of Fluid Mechanics, 2020, 886, .	3.4	17
7	Wave diffraction by multiple arbitrary shaped cracks in an infinitely extended ice sheet of finite water depth. Journal of Fluid Mechanics, 2020, 893, .	3.4	9
8	Fluid-structure interaction of a large ice sheet in waves. Ocean Engineering, 2019, 182, 102-111.	4.3	57
9	Diffraction of hydroelastic waves by multiple vertical circular cylinders. Journal of Engineering Mathematics, 2018, 113, 45-64.	1.2	13
10	Wave diffraction and radiation by a vertical circular cylinder standing in a three-dimensional polynya. Journal of Fluids and Structures, 2018, 82, 287-307.	3.4	12
11	Wave excited motion of a body floating on water confined between two semi-infinite ice sheets. Physics of Fluids, 2016, 28, .	4.0	33