

# Minjie Zhu

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

263  
citations

1478280

6  
h-index

1588896

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

189  
citing authors

#	ARTICLE	IF	CITATIONS
1	OpenSeesPy: Python library for the OpenSees finite element framework. <i>SoftwareX</i> , 2018, 7, 6-11.	1.2	150
2	Modeling fluid-structure interaction by the particle finite element method in OpenSees. <i>Computers and Structures</i> , 2014, 132, 12-21.	2.4	46
3	Validation of <i>OpenSees</i> for Tsunami Loading on Bridge Superstructures. <i>Journal of Bridge Engineering</i> , 2018, 23, .	1.4	22
4	Improved fractional step method for simulating fluid-structure interaction using the PFEM. <i>International Journal for Numerical Methods in Engineering</i> , 2014, 99, 925-944.	1.5	20
5	Unified fractional step method for Lagrangian analysis of quasi-incompressible fluid and nonlinear structure interaction using the PFEM. <i>International Journal for Numerical Methods in Engineering</i> , 2017, 109, 1219-1236.	1.5	11
6	Direct Differentiation of the Particle Finite-Element Method for Fluid-Structure Interaction. <i>Journal of Structural Engineering</i> , 2016, 142, .	1.7	8
7	Direct differentiation of the quasi-incompressible fluid formulation of fluid-structure interaction using the PFEM. <i>Computational Particle Mechanics</i> , 2017, 4, 307-319.	1.5	4
8	A PFEM Background Mesh for Simulating Fluid and Frame Structure Interaction. <i>Journal of Structural Engineering</i> , 2022, 148, .	1.7	2