

# Wei He

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3252489/publications.pdf>

Version: 2024-02-01

16  
papers

153  
citations

1478505

6  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental noise and vibration characteristics of rubber-spring floating slab track. Environmental Science and Pollution Research, 2021, 28, 13671-13689.	5.3	34
2	Vertical dynamics of a single-span beam subjected to moving mass-suspended payload system with variable speeds. Journal of Sound and Vibration, 2018, 418, 36-54.	3.9	26
3	Characterization of stationary and walking people on vertical dynamic properties of a lively lightweight bridge. Structural Control and Health Monitoring, 2018, 25, e2123.	4.0	22
4	Salt Cavern Exergy Storage Capacity Potential of UK Massively Bedded Halites, Using Compressed Air Energy Storage (CAES). Applied Sciences (Switzerland), 2021, 11, 4728.	2.5	20
5	Triglobal infinite-wing shock-buffet study. Journal of Fluid Mechanics, 2021, 925, .	3.4	17
6	Experimental noise and vibration characteristics of elevated urban rail transit considering the effect of track structures and noise barriers. Environmental Science and Pollution Research, 2021, 28, 45903-45919.	5.3	9
7	Dynamic modelling and simulation of a combined-cycle power plant integration with thermal energy storage. , 2017, , .		8
8	Field measurement and evaluation of noise and vibrations induced by bridge cranes in full-scale over-track buildings. Environmental Science and Pollution Research, 2019, 26, 36515-36537.	5.3	7
9	A theoretical study of parietal vortex shedding in Taylorâ€™Culick flow via linear stability analysis. Physics of Fluids, 2020, 32, 104101.	4.0	5
10	Radioactive elements in natural gas: a case study on distribution of gaseous 222radon and its origin mechanism. Natural Hazards, 2012, 63, 647-657.	3.4	2
11	Two-dimensional defect solitons in parity-time-symmetric periodic optical lattices. European Physical Journal D, 2014, 68, 1.	1.3	1
12	A Ginzburgâ€™Landau model for linear global modes in open shear flows. Journal of Fluid Mechanics, 2020, 904, .	3.4	1
13	Experimental and Numerical Investigation on Dynamic Properties and Human-Induced Vibrations of an Asymmetric Steel-Plated Stress-Ribbon Footbridge. Advances in Civil Engineering, 2021, 2021, 1-21.	0.7	1
14	A model for predicting the attenuation of AIS signal at mountainous waterway. , 2016, , .		0
15	Experimental and Numerical Investigation of the Effect of Standing People on Dynamic Properties of a Beam-Like Bridge. Mathematical Problems in Engineering, 2017, 2017, 1-14.	1.1	0
16	Preliminary Analysis of Photovoltaic-Powered Electrodialysis for In-Home Water Desalination in Rural India. , 2020, , .		0