

# Jiarui Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6846214/publications.pdf>

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13  
papers

62  
citations

1684188

5  
h-index

1588992

8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

62  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic response of high-rise buildings using long short-term memory intelligent decentralized control system. <i>JVC/Journal of Vibration and Control</i> , 2023, 29, 1981-1995.	2.6	2
2	Development and Vibration Control of Frequency Adjustable Tuned Mass Damper Based on Magnetorheological Elastomer. <i>Materials</i> , 2022, 15, 1829.	2.9	5
3	Dynamic Property Analysis of Orthotropic Bridge Deck with Local Fatigue Crack. <i>Advances in Civil Engineering</i> , 2022, 2022, 1-12.	0.7	0
4	Research on Optimal Placement of Actuators of High-Rise Buildings Considering the Influence of Seismic Excitation on Structural Modes. <i>Buildings</i> , 2022, 12, 8.	3.1	1
5	Study on the Actuating Performance of an Embedded Macro Fiber Composite Considering the Shear Lag Effect. <i>Materials</i> , 2022, 15, 3968.	2.9	1
6	Study on eccentric behavior and serviceability performance of slender rectangular concrete columns reinforced with GFRP bars. <i>Composite Structures</i> , 2021, 263, 113680.	5.8	6
7	Research on actuation performance of macro fiber composites based on third order shear deformation theory. <i>Smart Materials and Structures</i> , 2020, 29, 015038.	3.5	9
8	Development, Test, and Mechanical Model of the Leak-Proof Magnetorheological Damper. <i>Frontiers in Materials</i> , 2019, 6, .	2.4	12
9	Modeling on Actuation Behavior of Macro-Fiber Composite Laminated Structures Based on Sinusoidal Shear Deformation Theory. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2893.	2.5	5
10	Experimental Research on Bond Behavior Between GFRP Bars and Stirrups-Confined Concrete. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1340.	2.5	12
11	Durability Prediction of GFRP Rebar Based on Elastic Modulus Degradation. <i>Frontiers in Materials</i> , 2019, 6, .	2.4	7
12	Study on Macro-fiber Composite Coupled-Plate Structures. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 269, 012046.	0.6	0
13	The active control of macro-fiber composite over harmonic vibration of arc-plate structures. <i>Vibroengineering PROCEDIA</i> , 2017, 14, 167-171.	0.5	2