

# Jiping Bai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8425942/publications.pdf>

Version: 2024-02-01

17  
papers

396  
citations

1478505

6  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

409  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical and microstructural properties of self-compacting concrete blended with metakaolin, ground granulated blast-furnace slag and fly ash. <i>Construction and Building Materials</i> , 2017, 146, 658-667.	7.2	168
2	Advanced fibre-reinforced polymer (FRP) composites for structural applications. , 2013, , .		54
3	Mechanism underlying dynamic size effect on rock mass strength. <i>International Journal of Impact Engineering</i> , 2014, 68, 1-7.	5.0	48
4	Investigation into size and strain rate effects on the strength of rock-like materials. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2016, 86, 132-140.	5.8	43
5	CONSISTENCY OF FLY ASH AND METAKAOLIN CONCRETE. <i>Journal of Civil Engineering and Management</i> , 2009, 15, 131-135.	3.5	32
6	Freeze-thaw of stabilised clay brick. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , 2010, 163, 129-135.	0.8	12
7	Impact of the position of the window in the reveal of a cavity wall on the heat loss and the internal surface temperature of the head of an opening with a steel lintel. <i>Energy and Buildings</i> , 2017, 142, 23-30.	6.7	12
8	Viscosity of rock mass at different structural levels. <i>Acta Geotechnica</i> , 2017, 12, 305-320.	5.7	7
9	Coefficient of Earth Pressure at Rest of a Saturated Artificially Mixed Soil from Oedometer Tests. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 1691-1699.	1.9	6
10	Effects of Wetting-Drying Cycles on Strain-Stress Relationship from Triaxial Test of a Mudstone Mixture. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 1039-1045.	1.7	5
11	Deformation of a sandstone-mudstone particle mixture induced by periodic saturation. <i>Marine Georesources and Geotechnology</i> , 2018, 36, 494-503.	2.1	4
12	Wetting-induced axial and volumetric strains of a sandstone mudstone particle mixture. <i>Marine Georesources and Geotechnology</i> , 2019, 37, 36-44.	2.1	4
13	Design, Modeling and Experimental Validation of a Variable Resonant Electro-Hydraulic Fatigue Testing System. <i>IEEE Access</i> , 2019, 7, 180835-180845.	4.2	1
14	Impact of Current Steel Lintels on the Thermal Performance of Cavity Wall Buildings Under the Elemental Recipe of Part L1A 2013. <i>Energy Procedia</i> , 2014, 62, 299-308.	1.8	0
15	Equilibrium equations and boundary conditions of strain gradient theory in arbitrary curvilinear coordinates. <i>Journal of the Mechanical Behavior of Materials</i> , 2014, 23, 169-176.	1.8	0
16	Properties of high-density silica fume-based gel and its potential use in high-temperature lubricants and geopolymer binders. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 7693-7699.	3.6	0
17	Zero carbon development for sustainable homes in the United Kingdom. , 2011, , .		0