

# Biao Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8178298/publications.pdf>

Version: 2024-02-01

11  
papers

223  
citations

1684188

5  
h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

205  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Chinese pine genome and methylome unveil key features of conifer evolution. <i>Cell</i> , 2022, 185, 204-217.e14.	28.9	151
2	Characteristics and causes of cracking and damage of shield tunnel segmented lining in construction stage – a case study in Shanghai soft soil. <i>European Journal of Environmental and Civil Engineering</i> , 2018, 22, s213-s227.	2.1	36
3	A structural health assessment method for shield tunnels based on torsional wave speed. <i>Science China Technological Sciences</i> , 2014, 57, 1109-1120.	4.0	16
4	Automatic and Visual Processing Method of Non-Contact Monitoring for Circular Stormwater Sewage Tunnels Based on LiDAR Data. <i>Energies</i> , 2019, 12, 1599.	3.1	8
5	Vibration Characteristics of Underground Structure and Surrounding Soil Underneath High Speed Railway Based on Field Vibration Tests. <i>Shock and Vibration</i> , 2018, 2018, 1-16.	0.6	6
6	The Tunnel Structural Mode Frequency Characteristics Identification and Analysis Based on a Modified Stochastic Subspace Identification Method. <i>Shock and Vibration</i> , 2018, 2018, 1-12.	0.6	4
7	Space-time dynamics of fine root biomass of six forests in the Maoershan forest region, northeast China. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2007, 2, 136-142.	0.2	1
8	Design of Fast Acquisition System and Analysis of Geometric Feature for Highway Tunnel Lining Cracks Based on Machine Vision. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2516.	2.5	1
9	Dual-frequency correlation back projection algorithm using the dual-frequency GRP to detect the defects of tunnel structure nondestructively. , 2019, , .		0
10	GPR data processing methods based on machine learning algorithm to detect the backfill grouting of shield tunnel. , 2020, , .		0
11	Three-Level Distributed Real-Time Monitoring of Construction near Underground Infrastructure Using a Combined Intelligent Method. <i>Sensors</i> , 2022, 22, 3260.	3.8	0