

# Zhengxiang He

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3231128/publications.pdf>

Version: 2024-02-01

11  
papers

141  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

119  
citing authors

#	ARTICLE	IF	CITATIONS
1	PickCapsNet: Capsule Network for Automatic P-Wave Arrival Picking. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 617-621.	3.1	23
2	Construction and optimization method of the open-pit mine DEM based on the oblique photogrammetry generated DSM. Measurement: Journal of the International Measurement Confederation, 2020, 152, 107322.	5.0	20
3	Microseismic records classification using capsule network with limited training samples in underground mining. Scientific Reports, 2020, 10, 13925.	3.3	20
4	Automatic Classification of Microseismic Signals Based on MFCC and GMM-HMM in Underground Mines. Shock and Vibration, 2019, 2019, 1-9.	0.6	19
5	Automatic Classification of Microseismic Records in Underground Mining: A Deep Learning Approach. IEEE Access, 2020, 8, 17863-17876.	4.2	18
6	Microseismic Event Location by Considering the Influence of the Empty Area in an Excavated Tunnel. Sensors, 2020, 20, 574.	3.8	15
7	Enhancing Seismic P-Wave Arrival Picking by Target-Oriented Detection of the Local Windows Using Faster-RCNN. IEEE Access, 2020, 8, 141733-141747.	4.2	11
8	A Novel Wavelet Selection Method for Seismic Signal Intelligent Processing. Applied Sciences (Switzerland), 2022, 12, 6470.	2.5	8
9	A Fast Ray-tracing Method for Locating Mining-Induced Seismicity by Considering Underground Voids. Applied Sciences (Switzerland), 2020, 10, 6763.	2.5	3
10	Automated Locating Mining-Induced Microseismicity without Arrival Picking by Weighted STA/LTA Traces Stacking. Sustainability, 2020, 12, 3665.	3.2	2
11	Truck Driver Fatigue Detection Based on Video Sequences in Open-Pit Mines. Mathematics, 2021, 9, 2908.	2.2	2