

# Yan Zou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6235106/publications.pdf>

Version: 2024-02-01

14  
papers

217  
citations

1478505

6  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

138  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Macro and micro investigation of gravel content on simple shear behavior of sand-gravel mixture. Construction and Building Materials, 2019, 221, 730-744.   | 7.2 | 56        |
| 2  | Particle Breakage of Calcareous Sand and Its Correlation with Input Energy. International Journal of Geomechanics, 2020, 20, .  | 2.7 | 55        |
| 3  | A pseudo-static method for seismic responses of underground frame structures subjected to increasing excitations. Tunnelling and Underground Space Technology, 2017, 65, 106-120.   | 6.2 | 38        |
| 4  | Performance-based seismic assessment of shield tunnels by incorporating a nonlinear pseudostatic analysis approach for the soil-tunnel interaction. Tunnelling and Underground Space Technology, 2021, 114, 103981.                 | 6.2 | 22        |
| 5  | Centrifuge model study on the seismic responses of shield tunnel. Tunnelling and Underground Space Technology, 2019, 92, 103036.  | 6.2 | 19        |
| 6  | Coupling effects of surface building and earthquake loading on in-service shield tunnels. Transportation Geotechnics, 2021, 26, 100453.   | 4.5 | 10        |
| 7  | Response of circular tunnel with imperfect interface bonding in layered ground subjected to obliquely incident plane P or SV wave. International Journal for Numerical and Analytical Methods in Geomechanics, 2018, 42, 2001-2017. | 3.3 | 6         |
| 8  | Shaking Table Test to Underground Structures in Layered Foundation. Applied Mechanics and Materials, 0, 353-356, 1461-1465.   | 0.2 | 3         |
| 9  | Response of Long Tunnel in Layered Half-Space under Asynchronous Seismic Shear-Horizontal Wave Propagation. Journal of Engineering Mechanics - ASCE, 2018, 144, 04018050.   | 2.9 | 3         |
| 10 | Modeling Liquefaction-Induced Large Deformation of Sand Incorporating the Effects of Fabric Anisotropy Evolution. Journal of Engineering Mechanics - ASCE, 2021, 147, .   | 2.9 | 2         |
| 11 | Analysis of Seismic Factors to Tunnels in the Earthquake. Applied Mechanics and Materials, 2012, 166-169, 2182-2189.  | 0.2 | 1         |
| 12 | Three-Dimensional Elastic-Plastic Dynamic Interaction of Earth Dam and Intermountain Basin. Applied Mechanics and Materials, 2012, 166-169, 2383-2390.  | 0.2 | 1         |
| 13 | A Dynamic Explicit Algorithm for Saturated Porous Media. , 2017, , .  |     | 1         |
| 14 | 3D Valley Site Effect on the Nonlinear Seismic Response of Earth Dam. Applied Mechanics and Materials, 2013, 353-356, 1806-1810.  | 0.2 | 0         |