

# Kuo-Hsin Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/99444460/publications.pdf>

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17  
papers

192  
citations

1163117

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h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ex-post evaluation of preparedness education in disaster prevention, mitigation and response. International Journal of Disaster Risk Reduction, 2015, 12, 188-201.	3.9	39
2	Suppression of Soil Dilation—A Reinforcing Mechanism of Soil-Geosynthetic Composites. Transportation Infrastructure Geotechnology, 2014, 1, 68-82.	3.1	27
3	Experiment and statistical assessment on piping failures in soils with different gradations. Marine Georesources and Geotechnology, 2017, 35, 512-527.	2.1	25
4	Reliability-Based Design for External Stability of Narrow Mechanically Stabilized Earth Walls: Calibration from Centrifuge Tests. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2011, 137, 239-253.	3.0	24
5	Deformation characteristics of unstable shallow slopes triggered by rainfall infiltration. Bulletin of Engineering Geology and the Environment, 2021, 80, 317-344.	3.5	20
6	Post-failure process and kinematic behavior of two landslides: Case study and material point analyses. Computers and Geotechnics, 2022, 148, 104797.	4.7	15
7	Postfailure Characterization of Shallow Landslides Using the Material Point Method. Geofluids, 2021, 2021, 1-25.	0.7	11
8	Identification and assessment of heavy rainfall—induced disaster potentials in Taipei City. Natural Hazards, 2013, 66, 167-190.	3.4	9
9	Potentially toxic trace elements accumulating in marine sediment and bivalves in the outfall area of a desalination plant. Desalination and Water Treatment, 2011, 25, 106-112.	1.0	8
10	Integrating InSAR Observables and Multiple Geological Factors for Landslide Susceptibility Assessment. Applied Sciences (Switzerland), 2021, 11, 7289.	2.5	6
11	Investigations of Silty Soil Slopes under Unsaturated Conditions Based on Strength Reduction Finite Element and Limit Analysis. KSCE Journal of Civil Engineering, 2022, 26, 1095-1110.	1.9	4
12	Sustainable Characteristics of Reinforced Soil Structures — from Ancient Great Walls to Modern GRS Walls. Transportation Infrastructure Geotechnology, 2020, 7, 445-460.	3.1	2
13	Closure to discussion of —experiment and statistical assessment on piping failures in soils with different gradations—, Marine Georesources and Geotechnology, 2018, 36, 376-378.	2.1	1
14	Finite element analysis and design method of geosynthetic-reinforced soil foundation subjected to normal fault movement. Computers and Geotechnics, 2021, 139, 104412.	4.7	1
15	Numerical study on lateral bearing capacity and failure mode of geosynthetic-reinforced soil barriers. Japanese Geotechnical Society Special Publication, 2016, 2, 2302-2306.	0.2	0
16	Discussion of —Influence Factors Involving Rainfall-Induced Shallow Slope Failure Numerical Study— by Somjai Yubonchit, Avirut Chinkulkijniwat, Suksun Horpibulsuk, Chatchai Jothityangkoon, Arul Arulrajah, and Apichat Suddeepong. International Journal of Geomechanics, 2018, 18, 07018003.	2.7	0
17	The Role and Impact of Geofluids in Geohazards. Geofluids, 2019, 2019, 1-3.	0.7	0