

# Ling Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1264810/publications.pdf>

Version: 2024-02-01

22  
papers

655  
citations

759233

12  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

557  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of solar thermoelectric cooling technologies for use in zero energy buildings. Energy and Buildings, 2015, 102, 207-216.	6.7	124
2	Review of energy conservation technologies for fresh air supply in zero energy buildings. Applied Thermal Engineering, 2019, 148, 544-556.	6.0	111
3	Deformation Analysis of Geotextile-Encased Stone Columns. International Journal of Geomechanics, 2015, 15, .	2.7	64
4	Towards net zero energy building: The application potential and adaptability of photovoltaic-thermoelectric-battery wall system. Applied Energy, 2020, 258, 114066.	10.1	59
5	Behavior of Laterally Loaded Piles in Multilayered Soils. International Journal of Geomechanics, 2015, 15, .	2.7	46
6	Settlement Calculation of Composite Foundation Reinforced with Stone Columns. International Journal of Geomechanics, 2013, 13, 248-256.	2.7	45
7	Modeling and simulation of a photovoltaic thermal-compound thermoelectric ventilator system. Applied Energy, 2018, 228, 1887-1900.	10.1	35
8	Performance evaluation of a photovoltaic thermal-compound thermoelectric ventilator system. Energy and Buildings, 2018, 167, 23-29.	6.7	27
9	Experimental study and performance analysis of solar-driven exhaust air thermoelectric heat pump recovery system. Energy and Buildings, 2019, 186, 46-55.	6.7	25
10	Performance of Geosynthetic-Reinforced and Pile-Supported Embankment with Consideration of Soil Arching. Journal of Engineering Mechanics - ASCE, 2018, 144, .	2.9	23
11	Global moment-independent sensitivity analysis of single-stage thermoelectric refrigeration system. International Journal of Energy Research, 2019, 43, 9055-9064.	4.5	20
12	Settlement calculation for long-short composite piled raft foundation. Central South University, 2006, 13, 749-754.	0.5	17
13	Elastic-Plastic Solutions for Laterally Loaded Piles in Layered Soils. Journal of Engineering Mechanics - ASCE, 2013, 139, 1653-1657.	2.9	13
14	Global sensitivity analysis of two-stage thermoelectric refrigeration system based on response variance. International Journal of Energy Research, 2020, 44, 6623-6630.	4.5	10
15	Response of Inclined Loaded Pile in Layered Foundation Based on Principle of Minimum Potential Energy. International Journal of Geomechanics, 2022, 22, .	2.7	8
16	Numerical simulation of flow around square cylinder using different low-Reynolds number turbulence models. Central South University, 2008, 15, 564-568.	0.5	6
17	New Method for a Beam Resting on a Tensionless and Elastic-Plastic Foundation Subjected to Arbitrarily Complex Loads. International Journal of Geomechanics, 2016, 16, 04015093.	2.7	6
18	Semi-analytical solutions for vertically and laterally loaded piles in multilayered soil deposits. Environmental Earth Sciences, 2018, 77, 1.	2.7	5

#	ARTICLE	IF	CITATIONS
19	A Three-Dimensional Discrete Element Modeling to Cyclic Response of Geosynthetic-Encased Stone Column. International Journal of Geosynthetics and Ground Engineering, 2021, 7, 1.	2.0	5
20	Predictive modelling of the effect of fresh air rate on dynamic variation of CO <sub>2</sub> in the waiting room of a railway station. Indoor and Built Environment, 2014, 23, 324-332.	2.8	4
21	Estimating Natural-Ventilation Potential Considering Thermal Mass. , 2010, , .		1
22	Coupling-Based Elastic Solution of Arching Evolution for GRPSE. Journal of Engineering Mechanics - ASCE, 2021, 147, .	2.9	1