

# Jung Chan Choi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10508126/publications.pdf>

Version: 2024-02-01

13  
papers

340  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical evaluation of the effects of groundwater flow on borehole heat exchanger arrays. <i>Renewable Energy</i> , 2013, 52, 230-240.	8.9	111
2	Numerical simulation of vertical ground heat exchangers: Intermittent operation in unsaturated soil conditions. <i>Computers and Geotechnics</i> , 2011, 38, 949-958.	4.7	105
3	Effect of intermittent operation on the thermal efficiency of energy tunnels under varying tunnel air temperature. <i>Renewable Energy</i> , 2020, 146, 2646-2658.	8.9	38
4	Assessment of CO2 storage capacity based on sparse data: Skade Formation. <i>International Journal of Greenhouse Gas Control</i> , 2018, 79, 252-271.	4.6	24
5	Probabilistic analysis of Vette fault stability in potential CO2 storage site Smeaheia, offshore Norway. <i>International Journal of Greenhouse Gas Control</i> , 2021, 108, 103315.	4.6	14
6	Uncertainty analyses of time-dependent behaviour of Ballina test embankment. <i>Computers and Geotechnics</i> , 2018, 93, 133-149.	4.7	13
7	Effect of overburden spatial variability on field-scale geomechanical modeling of potential CO2 storage site Smeaheia, offshore Norway. <i>Journal of Natural Gas Science and Engineering</i> , 2022, 99, 104453.	4.4	11
8	Induced-seismicity geomechanics for controlled CO2 storage in the North Sea (IGCCS). <i>International Journal of Greenhouse Gas Control</i> , 2022, 115, 103614.	4.6	7
9	Frictional Properties and Seismogenic Potential of Caprock Shales. <i>Energies</i> , 2020, 13, 6275.	3.1	5
10	Inferring microseismic source mechanisms and in situ stresses during triaxial deformation of a North-Sea-analogue sandstone. <i>Advances in Geosciences</i> , 0, 49, 85-93.	12.0	5
11	Laboratory Evaluation of Mechanical Properties of Draupne Shale Relevant for CO2 Seal Integrity. <i>Geosciences (Switzerland)</i> , 2021, 11, 244.	2.2	4
12	Determination of shear properties and evaluation of fracture reactivation for a clay-rich shale: a case study from Svalbard, Arctic Norway. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 4859-4872.	3.5	2
13	Reliability Analysis of Sensitive Clay Slope with the Response Surface Method. , 2018, , 63-72.		1