

# Chang Geun Song

## List of Publications by Year in descending order

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20  
papers

95  
citations

1307594

7  
h-index

1474206

9  
g-index

21  
all docs

21  
docs citations

21  
times ranked

60  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of an adaptive flood management strategy using riparian risk assessment and a tolerability criterion. <i>Journal of Flood Risk Management</i> , 2022, 15, .	3.3	0
2	Spatiotemporal flood risk assessment of underground space considering flood intensity and escape route. <i>Natural Hazards</i> , 2021, 109, 1539-1555.	3.4	9
3	Novel Application of Uncertainty Analysis Methods for Quantitative Precipitation Estimation Based on Weather Radars in the Korean Peninsula. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7928.	2.5	1
4	Experimental and numerical investigations of spatially-varying dispersion tensors based on vertical velocity profile and depth-averaged flow field. <i>Advances in Water Resources</i> , 2020, 142, 103606.	3.8	8
5	Integrated Inundation Modeling of Flooded Water in Coastal Cities. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1313.	2.5	9
6	Use of the Minimax Regret Approach for Robust Selection of Rainfall-Runoff Model Parameter Values Considering Multiple Events and Multiple Performance Indices. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 1515-1522.	1.9	1
7	Numerical modeling of long term reservoir sedimentation in semi-two dimensional manner. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 135-140.	1.9	4
8	Numerical Computation of Underground Inundation in Multiple Layers Using the Adaptive Transfer Method. <i>Water (Switzerland)</i> , 2018, 10, 85.	2.7	5
9	Analysis of two-dimensional flow and pollutant transport induced by tidal currents in the Han River. <i>Journal of Hydroinformatics</i> , 2018, 20, 551-563.	2.4	10
10	Evaluation of Compaction and Crushing Characteristics of Frozen and Unfrozen Sands Under Repetitive Compactions. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 3321-3330.	1.9	1
11	Influence of flow resistance stresses on debris flow runout. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	3
12	Numerical Computation of Rapid Flow over Steep Terrain Using Total Acceleration Method. <i>Journal of Coastal Research</i> , 2018, 85, 986-990.	0.3	3
13	Floodplain Stability Indices for Sustainable Waterfront Development by Spatial Identification of Erosion and Deposition. <i>Sustainability</i> , 2017, 9, 735.	3.2	5
14	Financial Risk Factor Analysis for Facility Gas Leakages of H2 and NG. <i>Sustainability</i> , 2016, 8, 944.	3.2	0
15	The economic effect of green roofs on non-point pollutant sources management using the replacement cost approach. <i>KSCE Journal of Civil Engineering</i> , 2016, 20, 3031-3044.	1.9	10
16	Flow and dispersion analysis of shallow water problems with Froude number variation. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	8
17	Spillway discharges by modification of weir shapes and overflow surroundings. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	7
18	Dispersion of negatively buoyant effluent jetted from ORV. <i>KSCE Journal of Civil Engineering</i> , 2015, 19, 1164-1173.	1.9	1

#	ARTICLE	IF	CITATIONS
19	Analysis of flow characteristics around islands due to semi-diurnal currents in the Han River, Korea. KSCÉ Journal of Civil Engineering, 2015, 19, 1905-1915.	1.9	2
20	Validation of Depth-Averaged Flow Model Using Flat-Bottomed Benchmark Problems. Scientific World Journal, The, 2014, 2014, 1-18.	2.1	8