

# Selim Altun

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

594  
citations

687363

13  
h-index

642732

23  
g-index

33  
all docs

33  
docs citations

33  
times ranked

517  
citing authors

#	ARTICLE	IF	CITATIONS
1	Taguchi approach for optimization of the bleeding on cement-based grouts. <i>Tunnelling and Underground Space Technology</i> , 2005, 20, 167-173.	6.2	80
2	Assessment of strength development and freeze-thaw performance of cement treated clays at different water contents. <i>Cold Regions Science and Technology</i> , 2015, 111, 50-59.	3.5	70
3	Strength properties of xanthan gum and guar gum treated kaolin at different water contents. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2021, 13, 1160-1172.	8.1	43
4	Mechanical behaviour of sand-geotextile interface. <i>Scientia Iranica</i> , 2012, 19, 1044-1051.	0.4	38
5	Freeze-thaw resistance and chloride-ion penetration of cement-stabilized clay exposed to sulfate attack. <i>Applied Clay Science</i> , 2015, 115, 179-188.	5.2	37
6	Shear strength estimation of plastic clays with statistical and neural approaches. <i>Building and Environment</i> , 2008, 43, 849-860.	6.9	29
7	The effects of additives and curing conditions on the mechanical behavior of a silty soil. <i>Cold Regions Science and Technology</i> , 2009, 56, 135-140.	3.5	24
8	Relationships between Shape Characteristics and Shear Strength of Sands. <i>Soils and Foundations</i> , 2011, 51, 857-871.	3.1	24
9	The site effects in Izmir Bay of October 30 2020, M7.0 Samos Earthquake. <i>Soil Dynamics and Earthquake Engineering</i> , 2022, 152, 107051.	3.8	24
10	Assessment of the effect of sulfate attack on cement stabilized montmorillonite. <i>Geomechanics and Engineering</i> , 2016, 10, 807-826.	0.9	23
11	Liquefaction resistance of sand reinforced with geosynthetics. <i>Geosynthetics International</i> , 2008, 15, 322-332.	2.9	22
12	Effects of Fibre Reinforcement on Liquefaction Behaviour of Poorly Graded Sands. <i>Procedia Engineering</i> , 2016, 161, 538-542.	1.2	17
13	Dynamic Behavior of a Clayey Sand Reinforced with Polypropylene Fiber. <i>Acta Physica Polonica A</i> , 2017, 132, 674-678.	0.5	15
14	Site response of deep alluvial deposits in the northern coast of İzmir Bay (Turkey) and a microzonation study based on geotechnical aspects. <i>Engineering Geology</i> , 2014, 172, 95-116.	6.3	14
15	Dynamic Optimization Algorithm for Vertical Alignment of Highways. <i>Mathematical and Computational Applications</i> , 2005, 10, 341-350.	1.3	13
16	ADAPTIVE NEURO-FUZZY APPROACH FOR SAND PERMEABILITY ESTIMATION. <i>Environmental Engineering and Management Journal</i> , 2010, 9, 231-238.	0.6	13
17	The Liquefaction Behavior of Poorly Graded Sands Reinforced with Fibers. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-14.	0.7	12
18	Sustainability of cement-stabilised clay: sulfate resistance. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2018, 171, 254-274.	0.7	11

#	ARTICLE	IF	CITATIONS
19	Effect of randomly distributed pet bottle strips on mechanical properties of cement stabilized kaolin clay. <i>Engineering Science and Technology, an International Journal</i> , 2021, 24, 1090-1101.	3.2	10
20	Geostatistical interpolation for modelling SPT data in northern Izmir. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2013, 38, 1451-1468.	1.3	9
21	Evaluation of Cyclic Stress-Strain and Liquefaction Behavior of Izmir Sand. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 7513-7524.	1.1	9
22	Simulation of torsional shear test results with neuro-fuzzy control system. <i>Soil Dynamics and Earthquake Engineering</i> , 2009, 29, 253-260.	3.8	8
23	Cyclic Shear Strength of Silts and Sands under Cyclic Loading. , 2005, , 1.		7
24	A preliminary microzonation study on Northern Coasts of Izmir: Investigation of the local soil conditions. <i>Soil Dynamics and Earthquake Engineering</i> , 2012, 39, 37-49.	3.8	7
25	The role of site effects on elevated seismic demands and corollary structural damage during the October 30, 2020, M7.0 Samos Island (Aegean Sea) Earthquake. <i>Bulletin of Earthquake Engineering</i> , 2022, 20, 7763-7792.	4.1	7
26	The Effects of Electric Arc Furnace (EAF) Slag on Engineering Properties of Clay-Slag Mixtures. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	1.3	6
27	Fuzzy Decision Support System to Determine Swell/Shrink Factor Affecting Earthwork Optimization of Highways. <i>Mathematical and Computational Applications</i> , 2008, 13, 61-70.	1.3	5
28	Prediction of mechanical and penetrability properties of cement-stabilized clay exposed to sulfate attack by use of soft computing methods. <i>Neural Computing and Applications</i> , 2020, 32, 16707-16722.	5.6	5
29	Evaluation and use of clustering algorithms for standard penetration test data classification. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 2015, 29, 55-64.	1.1	4
30	Determination of the Cyclic Properties of Silty Sands. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2018, , 416-445.	0.2	3
31	Strength development and post freeze-thaw behavior of kaolin reinforced with fibers. <i>Japanese Geotechnical Society Special Publication</i> , 2016, 2, 2159-2163.	0.2	2
32	EFFECT OF FRACTAL DIMENSION ON THE STRAIN BEHAVIOR OF PARTICULATE MEDIA. <i>Fractals</i> , 2016, 24, 1650047.	3.7	2
33	Simulation of Dilatometer Tests by Neural Networks. <i>Mathematical and Computational Applications</i> , 2011, 16, 535-545.	1.3	1