

Candan Gokceoglu

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174
papers

9,418
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193
ext. papers

10,693
ext. citations

4
avg, IF

6.56
L-index

#	Paper	IF	Citations
174	Application of fuzzy logic and analytical hierarchy process (AHP) to landslide susceptibility mapping at Haraz watershed, Iran. <i>Natural Hazards</i> , 2012 , 63, 965-996	3	559
173	An assessment on the use of logistic regression and artificial neural networks with different sampling strategies for the preparation of landslide susceptibility maps. <i>Engineering Geology</i> , 2008 , 97, 171-191	6	372
172	Assessment of landslide susceptibility for a landslide-prone area (north of Yenice, NW Turkey) by fuzzy approach. <i>Environmental Geology</i> , 2002 , 41, 720-730		322
171	Prediction of uniaxial compressive strength of sandstones using petrography-based models. <i>Engineering Geology</i> , 2008 , 96, 141-158	6	276
170	Estimation of rock modulus: For intact rocks with an artificial neural network and for rock masses with a new empirical equation. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2006 , 43, 224-235	6	275
169	Use of fuzzy relations to produce landslide susceptibility map of a landslide prone area (West Black Sea Region, Turkey). <i>Engineering Geology</i> , 2004 , 75, 229-250	6	272
168	Landslide susceptibility mapping of the slopes in the residual soils of the Mengen region (Turkey) by deterministic stability analyses and image processing techniques. <i>Engineering Geology</i> , 1996 , 44, 147-161	6	258
167	An easy-to-use MATLAB program (MamLand) for the assessment of landslide susceptibility using a Mamdani fuzzy algorithm. <i>Computers and Geosciences</i> , 2012 , 38, 23-34	4.5	248
166	A fuzzy model to predict the uniaxial compressive strength and the modulus of elasticity of a problematic rock. <i>Engineering Applications of Artificial Intelligence</i> , 2004 , 17, 61-72	7.2	245
165	Landslide susceptibility mapping using support vector machine and GIS at the Golestan Province, Iran. <i>Journal of Earth System Science</i> , 2013 , 122, 349-369	1.8	224
164	Manifestation of an adaptive neuro-fuzzy model on landslide susceptibility mapping: Klang valley, Malaysia. <i>Expert Systems With Applications</i> , 2011 , 38, 8208-8219	7.8	214
163	Application of weights-of-evidence and certainty factor models and their comparison in landslide susceptibility mapping at Haraz watershed, Iran. <i>Arabian Journal of Geosciences</i> , 2013 , 6, 2351-2365	1.8	211
162	A fuzzy triangular chart to predict the uniaxial compressive strength of the Ankara agglomerates from their petrographic composition. <i>Engineering Geology</i> , 2002 , 66, 39-51	6	195
161	Landslide Susceptibility Mapping by Neuro-Fuzzy Approach in a Landslide-Prone Area (Cameron Highlands, Malaysia). <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2010 , 48, 4164-4177	8.1	192
160	Susceptibility assessments of shallow earthflows triggered by heavy rainfall at three catchments by logistic regression analyses. <i>Geomorphology</i> , 2005 , 72, 250-271	4.3	182
159	Assessment of Landslide Susceptibility by Decision Trees in the Metropolitan Area of Istanbul, Turkey. <i>Mathematical Problems in Engineering</i> , 2010 , 2010, 1-15	1.1	170
158	Application of two non-linear prediction tools to the estimation of tunnel boring machine performance. <i>Engineering Applications of Artificial Intelligence</i> , 2009 , 22, 808-814	7.2	163

157	The 17 March 2005 Kuzulu landslide (Sivas, Turkey) and landslide-susceptibility map of its near vicinity. <i>Engineering Geology</i> , 2005 , 81, 65-83	6	154
156	A comparative assessment of prediction capabilities of Dempster-Shafer and Weights-of-evidence models in landslide susceptibility mapping using GIS. <i>Geomatics, Natural Hazards and Risk</i> , 2013 , 4, 93-118	6	143
155	Factors affecting the durability of selected weak and clay-bearing rocks from Turkey, with particular emphasis on the influence of the number of drying and wetting cycles. <i>Engineering Geology</i> , 2000 , 57, 215-237	6	143
154	Application of logistic regression for landslide susceptibility zoning of Cekmece Area, Istanbul, Turkey. <i>Environmental Geology</i> , 2006 , 51, 241-256		139
153	GIS-based landslide susceptibility mapping with probabilistic likelihood ratio and spatial multi-criteria evaluation models (North of Tehran, Iran). <i>Arabian Journal of Geosciences</i> , 2014 , 7, 1857-1878	1.8	138
152	Models to predict the uniaxial compressive strength and the modulus of elasticity for Ankara Agglomerate. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2004 , 41, 717-729	6	138
151	Knowledge-based and data-driven fuzzy modeling for rockburst prediction. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2013 , 61, 86-95	6	124
150	Artificial neural networks and nonlinear regression techniques to assess the influence of slake durability cycles on the prediction of uniaxial compressive strength and modulus of elasticity for carbonate rocks. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2012 , 36, 1636-1656	4	119
149	An attenuation relationship based on Turkish strong motion data and iso-acceleration map of Turkey. <i>Engineering Geology</i> , 2004 , 74, 265-291	6	119
148	Estimating the deformation modulus of rock masses: a comparative study. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2003 , 40, 55-63	6	117
147	Predicting the deformation moduli of rock masses. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2003 , 40, 701-710	6	117
146	Landslide Susceptibility Zoning North of Yenice (NW Turkey) by Multivariate Statistical Techniques. <i>Natural Hazards</i> , 2004 , 32, 1-23	3	116
145	Discontinuity controlled probabilistic slope failure risk maps of the Altindag (settlement) region in Turkey. <i>Engineering Geology</i> , 2000 , 55, 277-296	6	114
144	Prediction of uniaxial compressive strength of granitic rocks by various nonlinear tools and comparison of their performances. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2013 , 62, 113-122	6	105
143	Some applications of Adaptive Neuro-Fuzzy Inference System (ANFIS) in geotechnical engineering. <i>Computers and Geotechnics</i> , 2012 , 40, 14-33	4.4	101
142	A modified analytical hierarchy process (M-AHP) approach for decision support systems in natural hazard assessments. <i>Computers and Geosciences</i> , 2013 , 59, 1-8	4.5	90
141	Modeling of the uniaxial compressive strength of some clay-bearing rocks using neural network. <i>Applied Soft Computing Journal</i> , 2011 , 11, 2587-2594	7.5	89
140	Application of fuzzy inference system and nonlinear regression models for predicting rock brittleness. <i>Expert Systems With Applications</i> , 2010 , 37, 2265-2272	7.8	89

139	Estimating the uniaxial compressive strength of a volcanic bimrock. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2006 , 43, 554-561	6	88
138	Indirect determination of the modulus of deformation of rock masses based on the GSI system. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2004 , 41, 849-857	6	88
137	Extraction of potential debris source areas by logistic regression technique: a case study from Barla, Besparmak and Kapi mountains (NW Taurids, Turkey). <i>Environmental Geology</i> , 2008 , 54, 9-22		81
136	Draft ISRM suggested method for determining block punch strength index (BPI). <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2001 , 38, 1113-1119	6	81
135	A neuro-fuzzy model for modulus of deformation of jointed rock masses. <i>Computers and Geotechnics</i> , 2004 , 31, 375-383	4.4	79
134	An application of fuzzy sets to the Geological Strength Index (GSI) system used in rock engineering. <i>Engineering Applications of Artificial Intelligence</i> , 2003 , 16, 251-269	7.2	79
133	A Novel Performance Assessment Approach Using Photogrammetric Techniques for Landslide Susceptibility Mapping with Logistic Regression, ANN and Random Forest. <i>Sensors</i> , 2019 , 19,	3.8	77
132	New approaches to the characterization of clay-bearing, densely jointed and weak rock masses. <i>Engineering Geology</i> , 2000 , 58, 1-23	6	70
131	Evaluation and selection of indicators for land degradation and desertification monitoring: methodological approach. <i>Environmental Management</i> , 2014 , 54, 951-70	3.1	66
130	Modeling deformation modulus of a stratified sedimentary rock mass using neural network, fuzzy inference and genetic programming. <i>Engineering Geology</i> , 2016 , 203, 70-82	6	63
129	Implementation of reconstructed geomorphologic units in landslide susceptibility mapping: the Melen Gorge (NW Turkey). <i>Natural Hazards</i> , 2008 , 46, 323-351	3	61
128	A liquefaction severity index suggested for engineering practice. <i>Environmental Geology</i> , 2005 , 48, 81-91		60
127	Medium-scale hazard mapping for shallow landslide initiation: the Buyukkoy catchment area (Cayeli, Rize, Turkey). <i>Landslides</i> , 2011 , 8, 459-483	6.6	58
126	Effects of land-use changes on landslides in a landslide-prone area (Ardesen, Rize, NE Turkey). <i>Environmental Monitoring and Assessment</i> , 2009 , 156, 241-55	3.1	57
125	Estimation of rainfall-induced landslides using ANN and fuzzy clustering methods: A case study in Saeen Slope, Azerbaijan province, Iran. <i>Catena</i> , 2014 , 120, 149-162	5.8	56
124	A statistical assessment on international landslide literature (1945-2008). <i>Landslides</i> , 2009 , 6, 345-351	6.6	56
123	Landslide Susceptibility Mapping Using a Spatial Multi Criteria Evaluation Model at Haraz Watershed, Iran 2012 , 23-49		56
122	An application of adaptive neuro fuzzy inference system for estimating the uniaxial compressive strength of certain granitic rocks from their mineral contents. <i>Expert Systems With Applications</i> , 2013 , 40, 921-928	7.8	55

121	A practical procedure for the back analysis of slope failures in closely jointed rock masses. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 1998 , 35, 219-233	6	55
120	Dynamics of a complex mass movement triggered by heavy rainfall: a case study from NW Turkey. <i>Geomorphology</i> , 2002 , 42, 329-341	4.3	54
119	A comparative study on indirect determination of degree of weathering of granites from some physical and strength parameters by two soft computing techniques. <i>Materials Characterization</i> , 2009 , 60, 1317-1327	3.9	52
118	The modified block punch index test. <i>Canadian Geotechnical Journal</i> , 1997 , 34, 991-1001	3.2	45
117	Assessment of environmental and engineering geological problems for the possible re-use of an abandoned rock-hewn settlement in Urgö (Cappadocia), Turkey. <i>Environmental Geology</i> , 2006 , 50, 473-494		44
116	Bayesian prediction of TBM penetration rate in rock mass. <i>Engineering Geology</i> , 2017 , 226, 245-256	6	43
115	Evaluation and selection of indicators for land degradation and desertification monitoring: types of degradation, causes, and implications for management. <i>Environmental Management</i> , 2014 , 54, 971-82	3.1	42
114	Modification of seed cell sampling strategy for landslide susceptibility mapping: an application from the Eastern part of the Gallipoli Peninsula (Canakkale, Turkey). <i>Bulletin of Engineering Geology and the Environment</i> , 2016 , 75, 575-590	4	41
113	Characteristics of weathering zones of granitic rocks in Malaysia for geotechnical engineering design. <i>Engineering Geology</i> , 2016 , 200, 94-103	6	41
112	A large and rapid planar failure: causes, mechanism, and consequences (Mordut, Gumushane, Turkey). <i>Arabian Journal of Geosciences</i> , 2014 , 7, 1205-1221	1.8	40
111	Estimating the uniaxial compressive strength of some clay-bearing rocks selected from Turkey by nonlinear multivariable regression and rule-based fuzzy models. <i>Expert Systems</i> , 2009 , 26, 176-190	2.1	40
110	Some non-linear models to predict the weathering degrees of a granitic rock from physical and mechanical parameters. <i>Expert Systems With Applications</i> , 2011 , 38, 7476-7485	7.8	40
109	Remote Sensing Data Derived Parameters and its Use in Landslide Susceptibility Assessment Using Shannon's Entropy and GIS. <i>Applied Mechanics and Materials</i> , 2012 , 225, 486-491	0.3	38
108	A Convolutional Neural Network Architecture for Auto-Detection of Landslide Photographs to Assess Citizen Science and Volunteered Geographic Information Data Quality. <i>ISPRS International Journal of Geo-Information</i> , 2019 , 8, 300	2.9	37
107	Assessment of geo-environmental problems of the Zonguldak province (NW Turkey). <i>Environmental Geology</i> , 2008 , 55, 1001-1014		35
106	An assessment on producing synthetic samples by fuzzy C-means for limited number of data in prediction models. <i>Applied Soft Computing Journal</i> , 2014 , 24, 126-134	7.5	33
105	An assessment on the use of Terra ASTER L3A data in landslide susceptibility mapping. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2012 , 14, 40-60	7.3	32
104	An exploratory analysis of land abandonment drivers in areas prone to desertification. <i>Catena</i> , 2015 , 128, 252-261	5.8	30

103	Use of non-linear prediction tools to assess rock mass permeability using various discontinuity parameters. <i>Engineering Geology</i> , 2015 , 185, 1-9	6	30
102	A laboratory-scale experimental investigation on the performance of lime columns in expansive Ankara (Turkey) Clay. <i>Bulletin of Engineering Geology and the Environment</i> , 2003 , 62, 91-106	4	30
101	The use of cation packing index for characterizing the weathering degree of granitic rocks. <i>Engineering Geology</i> , 2008 , 98, 60-74	6	29
100	Indirect determination of weighted joint density (wJd) by empirical and fuzzy models: Supren (Eskisehir, Turkey) marbles. <i>Engineering Geology</i> , 2006 , 85, 251-269	6	29
99	Probabilistic Risk Assessment in Medium Scale for Rainfall-Induced Earthflows: Catakli Catchment Area (Cayeli, Rize, Turkey). <i>Mathematical Problems in Engineering</i> , 2011 , 2011, 1-21	1.1	27
98	Predicting intact rock properties of selected sandstones using petrographic thin-section data. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2004 , 41, 93-98	6	25
97	A computer program (TSecSoft) to determine mineral percentages using photographs obtained from thin sections. <i>Computers and Geosciences</i> , 2012 , 46, 310-316	4.5	24
96	A CitSci app for landslide data collection. <i>Landslides</i> , 2019 , 16, 611-615	6.6	24
95	Discussion on the paper by H. Gullu and E. Ercelebi A neural network approach for attenuation relationships: An application using strong ground motion data from Turkey (in press) <i>Engineering Geology</i> , 2008 , 97, 91-93	6	23
94	Landslide susceptibility mapping of Cekmece area (Istanbul, Turkey) by conditional probability		23
93	Use of Mamdani Fuzzy Algorithm for Multi-Hazard Susceptibility Assessment in a Developing Urban Settlement (Mamak, Ankara, Turkey). <i>ISPRS International Journal of Geo-Information</i> , 2020 , 9, 114	2.9	22
92	Estimation of pressuremeter modulus and limit pressure of clayey soils by various artificial neural network models. <i>Neural Computing and Applications</i> , 2013 , 23, 333-339	4.8	22
91	Spoil pile instabilities with reference to a strip coal mine in Turkey: mechanisms and assessment of deformations. <i>Environmental Geology</i> , 2006 , 49, 570-585		21
90	A Comprehensive Assessment of XGBoost Algorithm for Landslide Susceptibility Mapping in the Upper Basin of Ataturk Dam, Turkey. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4993	2.6	21
89	A simple regression based approach to estimate deformation modulus of rock masses. <i>Journal of African Earth Sciences</i> , 2015 , 110, 75-80	2.2	20
88	An Experimental Research on the Use of Recurrent Neural Networks in Landslide Susceptibility Mapping. <i>ISPRS International Journal of Geo-Information</i> , 2019 , 8, 578	2.9	20
87	Landslide susceptibility mapping of the Mediterranean coastal zone of Morocco between Oued Laou and El Jebha using artificial neural networks (ANN). <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	19
86	Evaluation of Floods and Landslides Triggered by a Meteorological Catastrophe (Ordu, Turkey, August 2018) Using Optical and Radar Data. <i>Geofluids</i> , 2020 , 2020, 1-18	1.5	18

85	Influence of seismic acceleration on landslide susceptibility maps: a case study from NE Turkey (the Kelkit Valley). <i>Landslides</i> , 2013 , 10, 433-454	6.6	18
84	Liquefaction severity map for Aksaray city center (Central Anatolia, Turkey). <i>Natural Hazards and Earth System Sciences</i> , 2008 , 8, 641-649	3.9	17
83	An artificial neural network application to produce debris source areas of Barla, Besparmak, and Kapi Mountains (NW Taurids, Turkey). <i>Natural Hazards and Earth System Sciences</i> , 2007 , 7, 557-570	3.9	16
82	Efficient computational techniques for predicting the California bearing ratio of soil in soaked conditions. <i>Engineering Geology</i> , 2021 , 291, 106239	6	16
81	A low-cost approach for determination of discontinuity orientation using smartphone images and application to a part of Ihlara Valley (Central Turkey). <i>Engineering Geology</i> , 2019 , 254, 63-75	6	15
80	On the use of hierarchical fuzzy inference systems (HFIS) in expert-based landslide susceptibility mapping: the central part of the Rif Mountains (Morocco). <i>Bulletin of Engineering Geology and the Environment</i> , 2020 , 79, 551-568	4	15
79	Problems Encountered during a Railway Tunnel Excavation in Squeezing and Swelling Materials and Possible Engineering Measures: A Case Study from Turkey. <i>Sustainability</i> , 2020 , 12, 1166	3.6	14
78	Landform effect on rockfall and hazard mapping in Cappadocia (Turkey). <i>Environmental Earth Sciences</i> , 2011 , 62, 1685-1693	2.9	14
77	Unveiling soil degradation and desertification risk in the Mediterranean basin: a data mining analysis of the relationships between biophysical and socioeconomic factors in agro-forest landscapes. <i>Journal of Environmental Planning and Management</i> , 2015 , 58, 1789-1803	2.8	13
76	Description of dynamics of the Tuzla Landslide and its implications for further landslides in the northern slope and shelf of the Cinarcik Basin (Marmara Sea, Turkey). <i>Engineering Geology</i> , 2009 , 106, 133-153	6	13
75	Neuro-fuzzy based constitutive modeling of undrained response of Leighton Buzzard Sand mixtures. <i>Expert Systems With Applications</i> , 2010 , 37, 842-851	7.8	13
74	Determination of wJd on Rock Exposures Including Wide Spaced Joints. <i>Rock Mechanics and Rock Engineering</i> , 2004 , 37, 403-413	5.7	13
73	A REVIEW ON CITIZEN SCIENCE (CITSCI) APPLICATIONS FOR DISASTER MANAGEMENT. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , XLII-3/W4, 301-306	2.5	13
72	Engineering geology [A fifty year perspective. <i>Engineering Geology</i> , 2016 , 201, 67-70	6	12
71	A multistory gigantic subaerial debris flow in an active fault scarp in NW Anatolia, Turkey: anatomy, mechanism and timing. <i>Holocene</i> , 2009 , 19, 955-965	2.6	12
70	Discussion of the paper by E. Hoek and M.S. Diederichs Empirical estimation of rock mass modulus \square <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2006 , 43, 671-676	6	12
69	Liquefaction potential assessment of a region using different techniques (Tepebasi, Eskişehir, Turkey). <i>Engineering Geology</i> , 2018 , 246, 139-161	6	12
68	Deformation Modulus of Rock Masses: An Assessment of the Existing Empirical Equations. <i>Geotechnical and Geological Engineering</i> , 2018 , 36, 2683-2699	1.5	11

67	Evidence of orbital forcing in lake-level fluctuations in the Middle Eocene oil shale-bearing lacustrine successions in the Mudurnu-Göynük Basin, NW Anatolia (Turkey). <i>Journal of Asian Earth Sciences</i> , 2012 , 56, 54-71	2.8	11
66	On sampling strategies for small and continuous data with the modeling of genetic programming and adaptive neuro-fuzzy inference system. <i>Journal of Intelligent and Fuzzy Systems</i> , 2012 , 23, 297-304	1.6	11
65	CONSIDERATIONS ON THE USE OF SENTINEL-1 DATA IN FLOOD MAPPING IN URBAN AREAS: ANKARA (TURKEY) 2018 FLOODS. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , XLII-5, 575-581	2.5	11
64	Coal mining under difficult geological conditions: The Can lignite open pit (Canakkale, Turkey). <i>Engineering Geology</i> , 2012 , 135-136, 66-82	6	10
63	Derivation of earthquake-induced landslide distribution using aerial photogrammetry: the January 24, 2020, Elazig (Turkey) earthquake. <i>Landslides</i> , 2021 , 18, 2193	6.6	10
62	Discussion on Combining landslide susceptibility maps obtained from frequency ratio, logistic regression, and artificial neural network models using ASTER images and GIS by Choi et al. (2012), <i>Engineering Geology</i> , 124, 123. <i>Engineering Geology</i> , 2012 , 129-130, 104-105	6	9
61	Using 3D Numerical Analysis for the Assessment of Tunnel Landslide Relationship: Bahçeşir Tunnel (South of Turkey). <i>Geotechnical and Geological Engineering</i> , 2020 , 38, 1237-1254	1.5	9
60	Combination of discontinuity characteristics and GIS for regional assessment of natural rock slopes in a mountainous area (NE Turkey). <i>Catena</i> , 2018 , 165, 487-502	5.8	8
59	International earth science literature from Turkey 1970-2005: Trends and possible causes. <i>Scientometrics</i> , 2008 , 74, 409-423	3	8
58	Causes, mechanism and environmental impacts of instabilities at Himmetoğlu coal mine and possible remedial measures. <i>Environmental Geology</i> , 2001 , 40, 769-786		8
57	POSSIBLE CONTRIBUTIONS OF CITIZEN SCIENCE FOR LANDSLIDE HAZARD ASSESSMENT. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , XLII-3/W4, 295-300	2.5	6
56	Analytical solutions and 3D numerical analyses of a shallow tunnel excavated in weak ground: a case from Turkey. <i>International Journal of Geo-Engineering</i> , 2021 , 12, 1	2.1	6
55	A CitSci Approach for Rapid Earthquake Intensity Mapping: A Case Study from Istanbul (Turkey). <i>ISPRS International Journal of Geo-Information</i> , 2020 , 9, 266	2.9	5
54	Assessing the effectiveness of sustainable land management policies for combating desertification: A data mining approach. <i>Journal of Environmental Management</i> , 2016 , 183, 754-762	7.9	5
53	Back-analysis of the source of the 1956 Eskişehir Earthquake using attenuation equation and damage data. <i>Bulletin of Engineering Geology and the Environment</i> , 2007 , 66, 353-360	4	5
52	PRELIMINARY INVESTIGATIONS ON FLOOD SUSCEPTIBILITY MAPPING IN ANKARA (TURKEY) USING MODIFIED ANALYTICAL HIERARCHY PROCESS (M-AHP). <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , XLII-5, 361-365	2.5	5
51	A FUSION APPROACH FOR FLOOD MAPPING USING SENTINEL-1 AND SENTINEL-2 DATASETS. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , XLIII-B3-2020, 641-648	2.5	5
50	A novel integrated approach of ELM and modified equilibrium optimizer for predicting soil compression index of subgrade layer of Dedicated Freight Corridor. <i>Transportation Geotechnics</i> , 2021 , 100678	4	5

49	Safety assessment of limestone-based engineering structures to be partially flooded by dam water: A case study from northeastern Turkey. <i>Engineering Geology</i> , 2016 , 209, 44-55	6	5
48	A special support design for a large-span tunnel crossing an active fault (T9 Tunnel, Ankara-Sivas High-Speed Railway Project, Turkey). <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	5
47	Discontinuity controlled slope failure zoning for a granitoid complex: A fuzzy approach 2017 , 3-25		4
46	Flood damage assessment with Sentinel-1 and Sentinel-2 data after Sardoba dam break with GLCM features and Random Forest method. <i>Science of the Total Environment</i> , 2021 , 816, 151585	10.2	4
45	ON THE USE OF CITSCI AND VGI IN NATURAL HAZARD ASSESSMENT. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> ,XLII-5, 69-73	2.5	4
44	LANDSLIDE SUSCEPTIBILITY MAPPING WITH RANDOM FOREST MODEL FOR ORDU, TURKEY. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> ,XLIII-B3-2020, 1229-1236	2.5	4
43	Determination of coastal border line: an integrated approach for a part of Antalya coast (Turkey). <i>Arabian Journal of Geosciences</i> , 2015 , 8, 1145-1154	1.8	3
42	Soft Computing Modeling in Landslide Susceptibility Assessment 2012 , 51-90		3
41	A Mamdani fuzzy inference system for the geological strength index (GSI) and its use in slope stability assessments. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2004 , 41, 780-785	6	3
40	Open image in new window Landslide Inventory of the Eastern Part of the Gallipoli Peninsula (Canakkale, Turkey) 2014 , 793-797		3
39	Comprehensive performance assessment of landslide susceptibility mapping with MLP and random forest: a case study after Elazig earthquake (24 Jan 2020, Mw 6.8), Turkey. <i>Environmental Earth Sciences</i> , 2022 , 81, 1	2.9	3
38	A Comparison Among Some Non-linear Prediction Tools on Indirect Determination of Uniaxial Compressive Strength and Modulus of Elasticity of Basalt. <i>Journal of Nondestructive Evaluation</i> , 2022 , 41, 1	2.1	3
37	Spatial distribution of coal quality parameters with respect to production requirements: an adaptive neuro-fuzzy application for the Can coal field (Turkey). <i>Geocarto International</i> , 2016 , 31, 193-209	2.7	2
36	Geohazard reconnaissance mapping for a settlement area. <i>Environmental Earth Sciences</i> , 2012 , 66, 1653-1666	1.6	2
35	An approach to determine the weathering characteristics of discontinuities. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2004 , 41, 387-388	6	2
34	Prediction of the Uniaxial Compressive Strength of a Greywacke by Fuzzy Inference System. <i>Lecture Notes in Earth Sciences</i> , 2004 , 203-210		2
33	BE TUNELDE PORTAL VE TUNEL STABİLİTESİ İÇİN ANKARA-SİVAS YAKSEK HIZLI DEMİRYOLU PROJESİNİN TUNELİ. <i>Scientific Mining Journal</i> , 2020 , 59,	0.5	2
32	Flood Mapping Using Sentinel-1 SAR Data: A Case Study of Ordu 8 August 2018 Flood. <i>International Journal of Environment and Geoinformatics</i> , 2019 , 6, 333-337	0.3	2

31	ON THE USE OF SENTINEL-2 IMAGES AND HIGH RESOLUTION DTM FOR LANDSLIDE SUSCEPTIBILITY MAPPING IN A DEVELOPING URBAN SETTLEMENT (MAMAK, ANKARA, TURKEY). <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives,XLII-3/W8_469-476</i>	2.5	2
30	PRODUCTION OF ISO-INTENSITY MAP FOR THE ELAZIG EARTHQUAKE (JAN 24, 2020) USING CITIZEN COLLECTED GEODATA. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives,XLIII-B5-2020, 51-56</i>	2.5	2
29	A Mamdani Model to Predict the Weighted Joint Density. <i>Lecture Notes in Computer Science, 2003, 1052-1057</i>	1.95	2
28	ASSESSMENT OF FLOODED AREAS CAUSED BY A DAM BREAK (SARDOBA DAM, UZBEKISTAN). <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives,XLIII-B3-2021, 291-297</i>	2.5	2
27	AERIAL PHOTOGRAMMETRY AND MACHINE LEARNING BASED REGIONAL LANDSLIDE SUSCEPTIBILITY ASSESSMENT FOR AN EARTHQUAKE PRONE AREA IN TURKEY. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives ,XLIII-B3-2021, 713-720</i>	2.5	2
26	Use of multisensor and multitemporal geospatial datasets to extract the foundation characteristics of a large building: a case study. <i>Bulletin of Engineering Geology and the Environment, 2021, 80, 3251-3264</i>	4	2
25	An assessment on the inner lining need for a large-span tunnel (a case from Turkey, Akyazı Tunnel, Trabzon). <i>SN Applied Sciences, 2021, 3, 1</i>	1.8	2
24	Comment on "Comparative study of the deformation modulus of rock mass" by Panthee et al. (2018) in the Bulletin of Engineering Geology and the Environment. <i>Bulletin of Engineering Geology and the Environment, 2018, 77, 761-762</i>	4	1
23	Discussion on "Landslide hazard zonation of the Khorshroostam area, Iran" by A. Uromeihy and M.R. MahdaviFar, Bull Eng Geol Environ 58 : 207013. <i>Bulletin of Engineering Geology and the Environment , 2001, 60, 79-80</i>	4	1
22	Open image in new window Introduction: Landslide Inventories and Databases 2014, 783-785		1
21	Effects of Portal Failure on Tunnel Support Systems in a Highway Tunnel. <i>Geotechnical and Geological Engineering,1</i>	1.5	1
20	An Assessment on Permeability and Grout Take of Limestone: A Case Study at Mut Dam, Karaman, Turkey. <i>Water (Switzerland), 2019, 11, 2649</i>	3	1
19	A complimentary fuzzy approach for the assessment of academic performance. <i>International Journal of Industrial and Systems Engineering, 2011, 9, 21</i>	0.4	0
18	An assessment on the correlations between uniaxial compression strength and point load index. <i>Arabian Journal of Geosciences, 2022, 15, 1</i>	1.8	0
17	Stability assessments of a triple-tunnel portal with numerical analysis (south of Turkey). <i>Geotechnical Research,1-13</i>	1.2	0
16	Artificial neural networks to predict deformation modulus of rock masses considering overburden stress. <i>Geomechanics and Geoengineering,1-17</i>	1.4	0
15	Evaluation of collapse mechanism and portal interaction of a High-Speed Railway Tunnel (T29 Tunnel, Turkey). <i>IOP Conference Series: Earth and Environmental Science, 2021, 833, 012112</i>	0.3	0
14	A Decision Support System Suggestion for the Optimum Railway Route Selection 2015, 331-334		

- 13 FUZZYSS'2011: 2nd International Fuzzy Systems Symposium 17-18 November 2011, Ankara, Turkey. *Journal of Intelligent and Fuzzy Systems*, **2012**, 23, 269-269 1.6
- 12 Discussion on the paper entitled Mechanical and physical properties of the Kandira stone, Kandira, Turkey by Arman et al. Bull Eng Geol Environ (DOI 10.1007/s10064-006-0082-x). *Bulletin of Engineering Geology and the Environment*, **2008**, 67, 283-286 4
- 11 Reply to discussion by Kalkan and Galkan on Attenuation relationship based on Turkish strong motion data and iso-acceleration map of Turkey by Ulusay et al., Eng. Geol., 74: 265-291 (2004). *Engineering Geology*, **2005**, 79, 291-292 6
- 10 Reply to Discussion by Kayabali on Attenuation relationship based on Turkish strong motion data and iso-acceleration map of Turkey by Ulusay et al., Eng. Geol., 37 (2004). *Engineering Geology*, **2005**, 79, 296-299 6
- 9 Prediction of the Collapse Index by a Mamdani Fuzzy Inference System. *Lecture Notes in Computer Science*, **2008**, 74-81 0.9
- 8 IceSat2 Uydu Verilerinden Elde Edilen Nokta Bulutu Verilerinden Kar Kalınlığı Belirleme Potansiyelinin Analizi. *Academic Perspective Procedia*, **2020**, 3, 850-859 0.1
- 7 Open image in new window Landslide Susceptibility Model Validation: A Routine Starting from Landslide Inventory to Susceptibility **2014**, 413-418
- 6 Fay Zonu Üstünde Bir Bölge Üzerinde Bir Tünelin Kısa ve Uzun Dönem Zemin Parametrelerine Göre Davranış ve Destek Sistemlerinin Değerlendirilmesi (T36 Tüneli, Ankara-İstanbul Yüksek Hızlı Tren Projesi). *Jeoloji Mühendisliği Dergisi*, 1-28
- 5 CitSci as a New Approach for Landslide Researches. *Lecture Notes in Geoinformation and Cartography*, **2019**, 161-183 0.3
- 4 A Photogrammetric Surface Comparison for a Dam Reservoir in a Landslide-Prone Area in Eastern Anatolia, Turkey. *Advances in Science, Technology and Innovation*, **2019**, 453-456 0.3
- 3 An Experimental Study to Compare Two Soil Improvement Techniques Performance. *Advances in Science, Technology and Innovation*, **2019**, 265-268 0.3
- 2 Assessment of collapse mechanism of a High Speed Railway Tunnel (T341 Tunnel, Turkey). *IOP Conference Series: Earth and Environmental Science*, **2021**, 833, 012111 0.3
- 1 Assessment of interaction between a waste storage dam and instability in downstream right-side slope by 3D numerical analyses. *Environmental Earth Sciences*, **2022**, 81, 1 2.9