

# Aykut Akgun

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

2,759  
citations

393982

19  
h-index

610482

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1856  
citing authors

#	ARTICLE	IF	CITATIONS
1	Medium scale earthflow susceptibility modelling by remote sensing and geographical information systems based multivariate statistics approach: an example from Northeastern Turkey. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	12
2	Developing comprehensive geocomputation tools for landslide susceptibility mapping: LSM tool pack. <i>Computers and Geosciences</i> , 2020, 144, 104592.	2.0	45
3	A 3D numerical simulation-based methodology for assessment of landslide-generated impulse waves: a case study of the Tersun Dam reservoir (NE Turkey). <i>Landslides</i> , 2020, 17, 2777-2794.	2.7	14
4	Modelling of the landslide-induced impulse waves in the Artvin Dam reservoir by empirical approach and 3D numerical simulation. <i>Engineering Geology</i> , 2019, 249, 112-128.	2.9	44
5	Novel hybrid artificial intelligence approach of bivariate statistical-methods-based kernel logistic regression classifier for landslide susceptibility modeling. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 4397-4419.	1.6	135
6	Fluids along the North Anatolian Fault, Nksar basin, north central Turkey: Insight from stable isotopic and geochemical analysis of calcite veins. <i>Journal of Structural Geology</i> , 2017, 101, 58-79.	1.0	4
7	Landslide susceptibility mapping by geographical information system-based multivariate statistical and deterministic models: in an artificial reservoir area at Northern Turkey. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	42
8	Spatial prediction of landslide hazard at the Luxi area (China) using support vector machines. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	103
9	Understanding the mechanism of slope failure on a nearby highway tunnel route by different slope stability analysis methods: a case from NE Turkey. <i>Bulletin of Engineering Geology and the Environment</i> , 2016, 75, 945-958.	1.6	33
10	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.	0.6	10
11	Landslide susceptibility mapping by frequency ratio and logistic regression methods: an example from Nksarâ€“Resadiye (Tokat, Turkey). <i>Arabian Journal of Geosciences</i> , 2015, 8, 1801-1812.	0.6	62
12	A large and rapid planar failure: causes, mechanism, and consequences (Mordut, Gumushane, Turkey). <i>Arabian Journal of Geosciences</i> , 2014, 7, 1205-1221.	0.6	47
13	Application of frequency ratio, statistical index, and weights-of-evidence models and their comparison in landslide susceptibility mapping in Central Nepal Himalaya. <i>Arabian Journal of Geosciences</i> , 2014, 7, 725-742.	0.6	366
14	GeoFIS: An integrated tool for the assessment of landslide susceptibility. <i>Computers and Geosciences</i> , 2014, 66, 20-30.	2.0	50
15	A comparison of landslide susceptibility mapping of the eastern part of the North Anatolian Fault Zone (Turkey) by likelihood-frequency ratio and analytic hierarchy process methods. <i>Natural Hazards</i> , 2013, 65, 1481-1506.	1.6	153
16	Application of remote sensing data and GIS for landslide risk assessment as an environmental threat to Izmir city (west Turkey). <i>Environmental Monitoring and Assessment</i> , 2012, 184, 5453-5470.	1.3	124
17	A comparison of landslide susceptibility maps produced by logistic regression, multi-criteria decision, and likelihood ratio methods: a case study at A°zmir, Turkey. <i>Landslides</i> , 2012, 9, 93-106.	2.7	395
18	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.	2.0	306

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19	Assessment of possible damaged areas due to landslide-induced waves at a constructed reservoir using empirical approaches: Kurtun (North Turkey) Dam reservoir area. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 1341-1350.	1.5	17
20	Mapping erosion susceptibility by a multivariate statistical method: A case study from the Ayvalık region, NW Turkey. <i>Computers and Geosciences</i> , 2011, 37, 1515-1524.	2.0	110
21	Landslide susceptibility mapping for Ayvalik (Western Turkey) and its vicinity by multicriteria decision analysis. <i>Environmental Earth Sciences</i> , 2010, 61, 595-611.	1.3	160
22	Landslide susceptibility assessment in the İzmir (West Anatolia, Turkey) city center and its near vicinity by the logistic regression method. <i>Environmental Earth Sciences</i> , 2009, 59, 745-756.	1.3	51
23	Landslide susceptibility mapping for a landslide-prone area (Findikli, NE of Turkey) by likelihood-frequency ratio and weighted linear combination models. <i>Environmental Geology</i> , 2008, 54, 1127-1143.	1.2	297
24	GIS-based landslide susceptibility for Arsin-Yomra (Trabzon, North Turkey) region. <i>Environmental Geology</i> , 2007, 51, 1377-1387.	1.2	179