EmÄ°n ZekÄ° BaÅŸent

List of Publications by Year
in descending order

68 papers	1,421 citations	361413 20 h-index	361022 35 g-index
70 all docs	70 docs citations	70 times ranked	1147 citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial forest planning: A review. Ecological Modelling, 2005, 188, 145-173.	2.5	175
2	Characterizing spatial structure of forest landscapes. Canadian Journal of Forest Research, 1995, 25, 1830-1849.	1.7	146
3	Evaluating urbanization, fragmentation and land use/land cover change pattern in Istanbul city, Turkey from 1971 TO 2002. Land Degradation and Development, 2008, 19, 663-675.	3.9	76
4	Spatial and temporal dynamics of land use pattern in Turkey: A case study in Ä°negÃ¶l. Landscape and Urban Planning, 2007, 81, 316-327.	7.5	63
5	Forest landscape management modeling using simulated annealing. Forest Ecology and Management, 2002, 165, 29-45.	3.2	58
6	A Framework for Characterizing and Regulating Ecosystem Services in a Management Planning Context. Forests, 2020, 11, 102.	2.1	55
7	Designing forest management to control spatial structure of landscapes. Landscape and Urban Planning, 1996, 34, 55-74.	7.5	43
8	Forest decision support systems for the analysis of ecosystem services provisioning at the landscape scale under global climate and market change scenarios. European Journal of Forest Research, 2019, 138, 561-581.	2.5	43
9	Controlling spatial structure of forested landscapes: a case study towards landscape management. Landscape Ecology, 1999, 14, 83-97.	4.2	40
10	Evaluating land use/land cover changes and fragmentation in the Camili forest planning unit of northeastern Turkey from 1972 to 2005. Land Degradation and Development, 2007, 18, 383-396.	3.9	40
11	Comparing multipurpose forest management with timber management, incorporating timber, carbon and oxygen values: A case study. Scandinavian Journal of Forest Research, 2008, 23, 105-120.	1.4	37
12	Spatiotemporal changes of landscape pattern in response to deforestation in Northeastern Turkey: a case study in Rize. Environmental Monitoring and Assessment, 2009, 148, 127-137.	2.7	37
13	Developing and implementing participatory and ecosystem based multiple use forest management planning approach (ETÃ‡AP): YalnÄ±zÃ§am case study. Forest Ecology and Management, 2008, 256, 798-807.	3.2	35
14	Developing Alternative Forest Management Planning Strategies Incorporating Timber, Water and Carbon Values: An Examination of their Interactions. Environmental Modeling and Assessment, 2009, 14, 467-480.	2.2	32
15	Spatial and temporal dynamics of land use pattern in Eastern Turkey: a case study in GÃ¼mÃ¼ÅŸhane. Environmental Monitoring and Assessment, 2008, 138, 289-303.	2.7	29
16	A Design for Addressing Multiple Ecosystem Services in Forest Management Planning. Forests, 2020, 11, 1108.	2.1	27
17	Developing and Implementing Multiple-Use Forest Management Planning in Turkey. Environmental Management, 2008, 42, 37-48.	2.7	26
18	Incorporating water production and carbon sequestration into forest management planning: a case study in YalnÄ±zÃ§am planning unit. Forest Systems, 2010, 19, 98.	0.3	25

#	Article	IF	Citations
19	Quantifying the Effects of Forest Management Strategies on the Production of Forest Values: Timber, Carbon, Oxygen, Water, and Soil. Environmental Modeling and Assessment, 2011, 16, 145-152.	2.2	24
20	PROFILE: Forest Landscape Management Revisited. Environmental Management, 1999, 24, 437-448.	2.7	21
21	The forest management planning system of Turkey: constructive criticism towards the sustainable management of forest ecosystems. International Forestry Review, 2005, 7, 208-217.	0.6	19
22	Relationship between site index of oriental spruce [<i>Picea orientalis</i> (L.) Link] and ecological variables in MaÃ§ka, Turkey. Scandinavian Journal of Forest Research, 2008, 23, 319-329.	1.4	19
23	Analytical approach for analyzing and providing solutions for the conflicts among forest stakeholders across Turkey. Forest Policy and Economics, 2006, 9, 219-236.	3.4	18
24	Assessment and valuation of key ecosystem services provided by two forest ecosystems in Turkey. Journal of Environmental Management, 2021, 285, 112135.	7.8	18
25	Spatial prediction of Lactarius deliciosus and Lactarius salmonicolor mushroom distribution with logistic regression models in the KÄ±zÄ±lcasu Planning Unit, Turkey. Mycorrhiza, 2015, 25, 1-11.	2.8	16
26	Sustaining the Joint Production of Timber and Lactarius Mushroom: A Case Study of a Forest Management Planning Unit in Northwestern Turkey. Sustainability, 2017, 9, 92.	3.2	16
27	A review of the development of the multiple use forest management planning concept. International Forestry Review, 2018, 20, 296-313.	0.6	16
28	Assessment and improvement strategies of sustainable land management (SLM) planning initiative in Turkey. Science of the Total Environment, 2021, 797, 149183.	8.0	15
29	Spatiotemporal Changes in Landscape Pattern in Response to Afforestation in Northeastern Turkey: A Case Study of Torul. Scottish Geographical Journal, 2008, 124, 259-273.	1.1	14
30	Joint production of timber and water: a case study. Water Policy, 2011, 13, 535-546.	1.5	14
31	Forest site classification using Landsat 7 ETM data: A case study of MaÃ§ka-OrmanÃ¼stÃ¼ forest, Turkey. Environmental Monitoring and Assessment, 2009, 151, 93-104.	2.7	13
32	Monitoring forest structure at landscape level: a case study of Scots pine forest in NE Turkey. Environmental Monitoring and Assessment, 2009, 152, 71-81.	2.7	13
33	Spatial dynamics of carbon storage: a case study from Turkey. Environmental Monitoring and Assessment, 2013, 185, 9403-9412.	2.7	13
34	Exploring the effects of climate change mitigation scenarios on timber, water, biodiversity and carbon values: A case study in PozantÄ± planning unit, Turkey. Journal of Environmental Management, 2019, 238, 420-433.	7.8	13
35	Monitoring thirty years of land cover change: Secondary forest succession in the Artvin Forest planning unit of Northeastern Turkey. Scottish Geographical Journal, 2007, 123, 209-226.	1.1	12
36	Object-oriented abstraction of contemporary forest management design. Ecological Modelling, 2001, 143, 147-164.	2.5	10

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37	Estimation of Stand Type Parameters and Land Cover Using Landsat-7 ETM Image: A Case Study from Turkey. Sensors, 2008, 8, 2509-2525.	3.8	10
38	Impact of forest management intensity on mushroom occurrence and yield with a simulation-based decision support system. Forest Ecology and Management, 2017, 389, 240-248.	3.2	10
39	Classification and mapping forest sites using geographic information system (GIS): a case study in Artvin Province. Environmental Monitoring and Assessment, 2008, 137, 149-161.	2.7	9
40	Incorporating water production into forest management planning: a case study in Yalnizcam planning unit. International Journal of Global Warming, 2010, 2, 292.	0.5	9
41	Monitoring forest plant biodiversity changes and developing conservation strategies: a study from Camili Biosphere Reserve Area in NE Turkey. Biologia (Poland), 2010, 65, 843-852.	1.5	9
42	The effects of land-use and land-cover changes on carbon storage in forest timber biomass: a case study in Torul, Turkey. Journal of Land Use Science, 2012, 7, 125-133.	2.2	9
43	Integrating ecosystem services in power analysis in forest governance: A comparison across nine European countries. Forest Policy and Economics, 2020, 121, 102317.	3.4	9
44	Prediction of Some Stand Parameters using Pan-Sharpened IKONOS Satellite Image. European Journal of Remote Sensing, 2014, 47, 329-342.	3.5	8
45	Mixed effect models for predicting breast height diameter from stump diameter of Oriental beech in Göldaäÿ. Scientia Agricola, 2015, 72, 245-251.	1.2	8
46	Challenges in developing and implementing a decision support systems (ETÄ‡AP) in forest management planning: a case study in Honaz and IbradÄ±, Turkey. Scandinavian Journal of Forest Research, 2014, 29, 121-131.	1.4	7
47	Integrating visitor characteristics and preferences into forest management plans in protected areas: A case study in KÃ¶prÃ¼lÃ¼ Canyon National Park. Eco Mont, 2015, 7, 5-17.	0.1	7
48	Classifying Oriental Beech (Fagus orientalis Lipsky.) Forest Sites Using Direct, Indirect and Remote Sensing Methods: A Case Study from Turkey. Sensors, 2008, 8, 2526-2540.	3.8	6
49	Modeling the productivity of commercial Lactarius mushrooms: A case study in the Kizilcasu planning unit, Turkey. Natural Resource Modelling, 2019, 32, e12178.	2.0	6
50	Spatial stratification in forest modelling. Forestry Chronicle, 2000, 76, 311-317.	0.6	5
51	Exploring the effects of management intensification on multiple ecosystem services in an ecosystem management context. Forest Ecology and Management, 2022, 518, 120299.	3.2	5
52	Thirty Year History of Even-Aged Management. Journal of Sustainable Forestry, 1997, 5, 15-26.	1.4	4
53	Management of Multiple Ecosystem Services under Climate Change, Bioeconomy and Participation. Forests, 2021, 12, 104.	2.1	4
54	A GIS-BASED DECISION SUPPORT SYSTEM FOR FOREST MANAGEMENT PLANS IN TURKEY. Environmental Engineering and Management Journal, 2010, 9, 929-937.	0.6	4

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55	Spatial fire potential analysis and mapping using landsat satellite imagery and gis. Forest Ecology and Management, 2006, 234, S24.	3.2	3
56	Identifying priority areas for reforestation using remote sensing and geographical information systems: a case study from Turkey. International Journal of Global Warming, 2013, 5, 109.	0.5	3
57	Controlling Spatial Forest Structure with Spatial Simulation in Forest Management Planning: A Case Study from Turkey. Sains Malaysiana, 2015, 44, 325-336.	0.5	3
58	ESTIMATING CROWN CLOSURE OF FOREST STANDS USING LANDSAT TM DATA: A CASE STUDY FROM TURKEY. Environmental Engineering and Management Journal, 2015, 14, 183-193.	0.6	3
59	Comparing methods for determining forest sites: a case study in GÃ¼mÃ¼ÅŸhane-KaranlÄ±kdere forest. European Journal of Forest Research, 2008, 127, 395-406.	2.5	2
60	The effects of land cover changes on forest carbon storage in 40 years: a case study in Turkey. International Journal of Global Warming, 2018, 14, 207.	0.5	2
61	Evaluation of Forest Dynamics Focusing on Various Minimum Harvesting Ages in Multi-Purpose Forest Management Planning. Forest Systems, 2015, 24, 005.	0.3	2
62	Comparative study on crown closure estimations using two different remote sensing data: Landsat ETM+ and IKONOS. Forest Science and Technology, 2012, 8, 215-223.	0.8	1
63	Forecasting forest development through modeling based on the legacy of forest structure over the past 43 years. Forest Systems, 2013, 22, 232.	0.3	1
64	Reflections of stakeholders on the forest resources governance with power analysis in Turkey. Land Use Policy, 2022, 115, 106035.	5.6	1
65	Forest landscape modeling as a tool to develop conservation targets. , 2001, , 304-327.		0
66	Comparing forest sites classifications using two different satellite images and ground measurements in Eastern Turkey. International Journal of Global Warming, 2014, 6, 79.	0.5	0
67	Discrimination of crown closure of forest ecosystems using different remotely sensed data: a case study of KÄ±zÄ±lcasu planning unit. Forest Science and Technology, 2016, 12, 33-42.	0.8	0
68	A Preliminary Study on Conceptual Design and Framework of Spatial Database and Geographic Information Systems for Turkish Forestry. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 1997, 21, 493-505.	2.1	0