Sedat Keles

List of Publications by Year
in descending order

33 papers	783 citations	687335 13 h-index	526264 27 g-index
34 all docs	34 docs citations	34 times ranked	811 citing authors

#	Article	IF	Citations
1	Spatial forest planning: A review. Ecological Modelling, 2005, 188, 145-173.	2.5	175
2	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
3	Forest cover change and fragmentation using Landsat data in MaÃ§ka State Forest Enterprise in Turkey. Environmental Monitoring and Assessment, 2008, 137, 51-66.	2.7	56
4	Urbanization and forest cover change in regional directorate of Trabzon forestry from 1975 to 2000 using landsat data. Environmental Monitoring and Assessment, 2008, 140, 1-14.	2.7	46
5	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
6	Effect of aspect, tree age and tree diameter on bark thickness ofPicea orientalis. Scandinavian Journal of Forest Research, 2007, 22, 193-197.	1.4	37
7	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
8	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
9	Spatial Distribution and Temporal Change of Carbon Storage in Timber Biomass of Two Different Forest Management Units. Environmental Monitoring and Assessment, 2007, 132, 429-438.	2.7	34
10	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
11	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
12	Artificial neural network models predicting the leaf area index: a case study in pure even-aged Crimean pine forests from Turkey. Forest Ecosystems, 2018, 5, .	3.1	18
13	Analysis of the changes in forest ecosystem functions, structure and composition in the Black Sea region of Turkey. Journal of Forestry Research, 2017, 28, 329-342.	3.6	17
14	Temporal Changes in Forest Landscape Patterns in Artvin Forest Planning Unit, Turkey. Environmental Monitoring and Assessment, 2007, 129, 483-490.	2.7	14
15	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
16	Joint production of timber and water: a case study. Water Policy, 2011, 13, 535-546.	1.5	14
17	An assessment of hydrological functions of forest ecosystems to support sustainable forest management. Journal of Sustainable Forestry, 2019, 38, 305-326.	1.4	13
18	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

#	Article	IF	Citations
19	Forest optimisation models including timber production and carbon sequestration values of forest ecosystems: a case study. International Journal of Sustainable Development and World Ecology, 2010, 17, 468-474.	5.9	12
20	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
21	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
22	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
23	Estimation of leaf area index using WorldView-2 and Aster satellite image: a case study from Turkey. Environmental Monitoring and Assessment, 2017, 189, 538.	2.7	9
24	Challenges in developing and implementing a decision support systems (ETÃ‡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
25	Estimation of some stand parameters from textural features from WorldView-2 satellite image using the artificial neural network and multiple regression methods: a case study from Turkey. Geocarto International, 2021, 36, 918-935.	3.5	7
26	Determining Optimum Cutting Ages Including Timber Production and Carbon Sequestration Benefits in Turkish Pine Plantations. Sains Malaysiana, 2017, 46, 381-386.	0.5	7
27	Evaluating different spatial interpolation methods and modeling techniques for estimating spatial forest site index in pure beech forests: a case study from Turkey. Environmental Monitoring and Assessment, 2020, 192, 53.	2.7	4
28	Optimum cutting ages in hybrid poplar plantations including carbon sequestration: A case study in Turkey. Revista Chapingo, Serie Ciencias Forestales Y Del Ambiente, 2016, XXII, 339-349.	0.2	4
29	Data Base Design with GIS in Ecosystem Based Multiple Use Forest Management in Artvin, Turkey: A Case Study in BalcÄ± Forest Management Planning Unit. Sensors, 2009, 9, 1644-1661.	3.8	3
30	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
31	Comparison of alternative approaches of estimating above-ground tree biomass in a forest ecosystem of Turkey. International Journal of Global Warming, 2016, 9, 397.	0.5	1
32	Spatially explicit estimates and temporal changes of forest tree biomass in a typical department of forest management, Turkey. International Journal of Global Warming, 2017, 12, 50.	0.5	1
33	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