Tayfun Ãay

List of Publications by Year
in descending order

14 papers	**492** citations	933447 **10** h-index	1125743 **13** g-index
14 all docs	**14** docs citations	**14** times ranked	**312** citing authors

#	Article	IF	Citations
1	Evaluation of reallocation criteria in land consolidation studies using the Analytic Hierarchy Process (AHP). Land Use Policy, 2013, 30, 541-548.	5.6	128
2	Effects of different land reallocation models on the success of land consolidation projects: Social and economic approaches. Land Use Policy, 2010, 27, 262-269.	5.6	76
3	Fuzzy expert system for land reallocation in land consolidation. Expert Systems With Applications, 2011, 38, 11055-11071.	7.6	58
4	Comparison of designed different land reallocation models in land consolidation: A case study in Konya/Turkey. Computers and Electronics in Agriculture, 2015, 110, 249-258.	7.7	46
5	Spatial analyses of groundwater level differences using geostatistical modeling. Environmental and Ecological Statistics, 2013, 20, 633-646.	3.5	42
6	A Spatial Decision Support System design for land reallocation: A case study in Turkey. Computers and Electronics in Agriculture, 2013, 98, 8-16.	7.7	40
7	Modeling of reallocation in land consolidation with a hybrid method. Land Use Policy, 2018, 76, 754-761.	5.6	35
8	A new approach for automating land partitioning using binary search and Delaunay triangulation. Computers and Electronics in Agriculture, 2016, 125, 129-136.	7.7	19
9	Spatial and Temporal Groundwater Level Variation Geostatistical Modeling in the City of Konya, Turkey. Water Environment Research, 2009, 81, 2460-2470.	2.7	15
10	Genetic algorithm supported by expert system to solve land redistribution problem. Expert Systems, 2018, 35, e12308.	4.5	12
11	Comparison of traditional method and genetic algorithm optimization in the land reallocation stage of land consolidation. Land Use Policy, 2022, 115, 105989.	5.6	9
12	Hybrid method for land reallocation in land consolidation. Arabian Journal of Geosciences, 2019, 12, 1.	1.3	8
13	Intersection road accident analysis using geographical information systems: Antalya (Turkey) example. , 2013, , .		2
14	Different Approaches to Automated Land Subdivision using Binary Search Algorithm in Zoning Applications. Proceedings of the Institution of Civil Engineers: Municipal Engineer, 2020, , 1-27.	0.7	2