

Alper Elci

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

494
citations

623734

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677142

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29
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29
times ranked

605
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications of Observed and Simulated Ambient Flow in Monitoring Wells. <i>Ground Water</i> , 2001, 39, 853-862.	1.3	72
2	Detrimental effects of natural vertical head gradients on chemical and water level measurements in observation wells: identification and control. <i>Journal of Hydrology</i> , 2003, 281, 70-81.	5.4	41
3	An improved landfill site screening procedure under NIMBY syndrome constraints. <i>Landscape and Urban Planning</i> , 2014, 132, 1-15.	7.5	41
4	Differential-Evolution algorithm based optimization for the site selection of groundwater production wells with the consideration of the vulnerability concept. <i>Journal of Hydrology</i> , 2014, 511, 736-749.	5.4	34
5	Hydrogeological and hydrogeochemical characterization of a karstic mountain region. <i>Environmental Geology</i> , 2008, 54, 291-308.	1.2	33
6	Statistical Analysis of Causes of Death (2005â€“2010) in Villages of Simav Plain, Turkey, With High Arsenic Levels in Drinking Water Supplies. <i>Archives of Environmental and Occupational Health</i> , 2015, 70, 35-46.	1.4	32
7	Identification of the optimum groundwater quality monitoring network using a genetic algorithm based optimization approach. <i>Journal of Hydrology</i> , 2018, 563, 1078-1091.	5.4	32
8	Evaluation of a conceptual model for the subsurface transport of plutonium involving surface mediated reduction of Pu(V) to Pu(IV). <i>Journal of Contaminant Hydrology</i> , 2003, 67, 79-94.	3.3	28
9	A groundwater management tool for solving the pumping cost minimization problem for the Tahtali watershed (Izmir-Turkey) using hybrid HS-Solver optimization algorithm. <i>Journal of Hydrology</i> , 2013, 478, 63-76.	5.4	27
10	Calibration of groundwater vulnerability mapping using the generalized reduced gradient method. <i>Journal of Contaminant Hydrology</i> , 2017, 207, 39-49.	3.3	22
11	Identification of Lateral Macropore Flow in a Forested Riparian Wetland through Numerical Simulation of a Subsurface Tracer Experiment. <i>Water, Air, and Soil Pollution</i> , 2009, 197, 149-164.	2.4	20
12	Assessment of the statistical significance of seasonal groundwater quality change in a karstic aquifer system near Izmir-Turkey. <i>Environmental Monitoring and Assessment</i> , 2011, 172, 445-462.	2.7	19
13	The Health Risk Associated with Chronic Diseases in Villages with High Arsenic Levels in Drinking Water Supplies. <i>Exposure and Health</i> , 2017, 9, 261-273.	4.9	17
14	The combined use of MODFLOW and precipitation-runoff modeling to simulate groundwater flow in a diffuse-pollution prone watershed. <i>Water Science and Technology</i> , 2010, 62, 180-188.	2.5	14
15	Modeling of seawater intrusion in a coastal aquifer of Karaburun Peninsula, western Turkey. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	14
16	Evaluation of nutrient retention in vegetated filter strips using the SWAT model. <i>Water Science and Technology</i> , 2017, 76, 2742-2752.	2.5	10
17	Allocation of unequally-weighted wastewater discharge loads using a simulation-optimization approach. <i>Journal of Hydrology</i> , 2020, 589, 125158.	5.4	10
18	Waste disposal on karstic terrain: a case study from the ancient marble quarries in Iznik (Nicaea), Turkey. <i>Geosciences Journal</i> , 2011, 15, 339-348.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Stakeholdersâ€™ Perspective on Groundwater Management in Four Water-Stressed Mediterranean Areas: Priorities and Challenges. Land, 2022, 11, 738.	2.9	5
20	Groundwater Recharge Rate and Zone Structure Estimation Using <sc>PSOLVER</sc> Algorithm. Ground Water, 2014, 52, 434-447.	1.3	4
21	â€œImplications of Observed and Simulated Ambient Flow in Monitoring Wells,â€ by Alper Elci, Fred J. Molz III, and W. R. Waldrop, November-December 2001 issue, v. 39, no. 6: 853-862.. Ground Water, 2004, 42, 137-138.	1.3	3
22	Sample Collection into Sterile Vacuum Tubes to Preserve Arsenic Speciation in Natural Water Samples. Journal of Environmental Engineering, ASCE, 2013, 139, 1080-1088.	1.4	2
23	Assessing the Impact of Climate Change on Groundwater Resources Using Groundwater Flow Models. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 63-75.	0.2	2
24	Advances in GIS-Based Approaches to Groundwater Vulnerability Assessment: Overview and Applications. NATO Science for Peace and Security Series C: Environmental Security, 2012, , 97-114.	0.2	1
25	Application of the Hybrid HSâ€™ Solver Algorithm to the Solution of Groundwater Management Problems. , 2013, , 79-97.		1
26	LAND SUBSIDENCE ANALYSIS CAUSED BY AQUIFER OVEREXPLOITATION USING GEP TOOLS: A-DINSAR ON THE CLOUD. , 0, , .		1
27	Simulating the Impact of Water Quality Improvement Measures for Nutrient-Sensitive River Basins with the Aquatox Model. , 0, , .		0