

# Athanasios P Vavatsikos

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

528  
citations

759233

12  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Suitability analysis for siting MSW landfills and its multicriteria spatial decision support system: Method, implementation and case study. <i>Waste Management</i> , 2013, 33, 1190-1206.	7.4	135
2	Risk analysis and assessment in the worksites using the fuzzy-analytical hierarchy process and a quantitative technique – A case study for the Greek construction sector. <i>Safety Science</i> , 2019, 112, 96-104.	4.9	82
3	GIS-based multicriteria municipal solid waste landfill suitability analysis: A review of the methodologies performed and criteria implemented. <i>Waste Management and Research</i> , 2014, 32, 270-296.	3.9	64
4	Onshore wind farms GIS-Assisted suitability analysis using PROMETHEE II. <i>Energy Policy</i> , 2021, 158, 112531.	8.8	47
5	An AHP model for construction contractor prequalification. <i>Operational Research</i> , 2006, 6, 333-346.	2.0	39
6	Site Suitability Analysis for Natural Systems for Wastewater Treatment with Spatial Fuzzy Analytic Hierarchy Process. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2012, 138, 125-134.	2.6	38
7	Using MACBETH Multicriteria Technique for GIS-Based Landfill Suitability Analysis. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	1.4	20
8	Project resources scheduling and leveling using Multi-Attribute Decision Models: Models implementation and case study. <i>Expert Systems With Applications</i> , 2017, 77, 160-169.	7.6	20
9	GIS-based suitability analysis using fuzzy PROMETHEE. <i>Journal of Environmental Planning and Management</i> , 2020, 63, 604-628.	4.5	18
10	Spatial UTA (S-UTA) – A new approach for raster-based GIS multicriteria suitability analysis and its use in implementing natural systems for wastewater treatment. <i>Journal of Environmental Management</i> , 2013, 125, 41-54.	7.8	17
11	Wind farm investments portfolio formation using GIS-based suitability analysis and simulation procedures. <i>Journal of Environmental Management</i> , 2019, 252, 109670.	7.8	17
12	Land suitability analysis for natural wastewater treatment systems using a new GIS add-in for supporting criterion weight elicitation methods. <i>Operational Research</i> , 2010, 10, 91-108.	2.0	12
13	A Process for Defining Relations between Urban Integration and Residential Market Prices. <i>Procedia, Social and Behavioral Sciences</i> , 2016, 223, 153-159.	0.5	8
14	Using GIS and Fuzzy Logic for Wastewater Treatment Processes Site Selection: The Case of Rodopi Prefecture. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	5
15	GIS-assisted suitability analysis combining PROMETHEE II, analytic hierarchy process and inverse distance weighting. <i>Operational Research</i> , 2022, 22, 5983-6006.	2.0	4
16	A robust group decision making framework using fuzzy TOPSIS and Monte Carlo simulation for wind energy projects multicriteria evaluation. <i>Operational Research</i> , 2022, 22, 6055-6073.	2.0	2
17	Residential property market prices estimation using spatial analysis models. <i>International Journal of Decision Support Systems</i> , 2017, 2, 248.	0.1	0
18	A combined MCDA - Monte Carlo simulation approach for the evaluation of investment decisions on public transit. <i>International Journal of Decision Support Systems</i> , 2018, 2, 236.	0.1	0