

Athanasios P Vavatsikos

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

528
citations

759055

12
h-index

940416

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. | 3.7 | 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. | 2.6 | 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. | 2.2 | 64 |
| 4 | Onshore wind farms GIS-Assisted suitability analysis using PROMETHEE II. <i>Energy Policy</i> , 2021, 158, 112531. | 4.2 | 47 |
| 5 | An AHP model for construction contractor prequalification. <i>Operational Research</i> , 2006, 6, 333-346. | 1.3 | 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. | 1.3 | 38 |
| 7 | Using MACBETH Multicriteria Technique for GIS-Based Landfill Suitability Analysis. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, . | 0.7 | 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. | 4.4 | 20 |
| 9 | GIS-based suitability analysis using fuzzy PROMETHEE. <i>Journal of Environmental Planning and Management</i> , 2020, 63, 604-628. | 2.4 | 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. | 3.8 | 17 |
| 11 | Wind farm investments portfolio formation using GIS-based suitability analysis and simulation procedures. <i>Journal of Environmental Management</i> , 2019, 252, 109670. | 3.8 | 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. | 1.3 | 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, , . | 0.3 | 5 |
| 15 | GIS-assisted suitability analysis combining PROMETHEE II, analytic hierarchy process and inverse distance weighting. <i>Operational Research</i> , 2022, 22, 5983-6006. | 1.3 | 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. | 1.3 | 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 |