

Nikolaos Malamos

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

281
citations

933264

10
h-index

940416

16
g-index

26
all docs

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docs citations

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times ranked

247
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A parsimonious regional parametric evapotranspiration model based on a simplification of the Penman-Monteith formula. <i>Journal of Hydrology</i> , 2015, 524, 708-717. | 2.3 | 57 |
| 2 | Parametric Modelling of Potential Evapotranspiration: A Global Survey. <i>Water (Switzerland)</i> , 2017, 9, 795. | 1.2 | 34 |
| 3 | LCA-Based Environmental Performance of Olive Cultivation in Northwestern Greece: From Rainfed to Irrigated through Conventional and Smart Crop Management Practices. <i>Water (Switzerland)</i> , 2021, 13, 1954. | 1.2 | 20 |
| 4 | A methodology for determining the surface and vertical components of the wetting front under a surface point source, with root water uptake and evaporation. <i>Irrigation and Drainage</i> , 2006, 55, 99-111. | 0.8 | 19 |
| 5 | Application of Mobile Technologies through an Integrated Management System for Agricultural Production. <i>Procedia Technology</i> , 2013, 8, 165-170. | 1.1 | 17 |
| 6 | Estimation of Width and Depth of the Wetted Soil Volume Under a Surface Emitter, Considering Root Water-Uptake and Evaporation. <i>Water Resources Management</i> , 2007, 21, 1325-1340. | 1.9 | 14 |
| 7 | Simulation of soil moisture content of a prairie field with SWAP93. <i>Agricultural Water Management</i> , 2000, 43, 139-149. | 2.4 | 13 |
| 8 | Estimation of the wetted soil volume depth, under a surface trickle line source, considering evaporation and water extraction by roots. <i>Irrigation and Drainage</i> , 2005, 54, 417-430. | 0.8 | 12 |
| 9 | Evaluation of a Parametric Approach for Estimating Potential Evapotranspiration Across Different Climates. <i>Agriculture and Agricultural Science Procedia</i> , 2015, 4, 2-9. | 0.6 | 12 |
| 10 | A method to estimate soil-water movement under a trickle surface line source, with water extraction by roots. <i>Irrigation and Drainage</i> , 2003, 52, 273-284. | 0.8 | 10 |
| 11 | Bilinear surface smoothing for spatial interpolation with optional incorporation of an explanatory variable. Part 2: Application to synthesized and rainfall data. <i>Hydrological Sciences Journal</i> , 2016, 61, 527-540. | 1.2 | 10 |
| 12 | OpenHi.net: A Synergistically Built, National-Scale Infrastructure for Monitoring the Surface Waters of Greece. <i>Water (Switzerland)</i> , 2021, 13, 2779. | 1.2 | 9 |
| 13 | Field survey and modelling of irrigation water quality indices in a Mediterranean island catchment: a comparison between spatial interpolation methods. <i>Hydrological Sciences Journal</i> , 2018, 63, 1447-1467. | 1.2 | 8 |
| 14 | Estimation of Monthly FAO Penman-Monteith Evapotranspiration in GIS Environment, through a Geometry Independent Algorithm. <i>Agriculture and Agricultural Science Procedia</i> , 2015, 4, 290-299. | 0.6 | 7 |
| 15 | Bilinear surface smoothing for spatial interpolation with optional incorporation of an explanatory variable. Part 1: Theory. <i>Hydrological Sciences Journal</i> , 2016, 61, 519-526. | 1.2 | 7 |
| 16 | RASPOTION—A New Global PET Dataset by Means of Remote Monthly Temperature Data and Parametric Modelling. <i>Hydrology</i> , 2022, 9, 32. | 1.3 | 7 |
| 17 | Broken line smoothing for data series interpolation by incorporating an explanatory variable with denser observations: application to soil-water and rainfall data. <i>Hydrological Sciences Journal</i> , 2015, 60, 468-481. | 1.2 | 6 |
| 18 | Modelling irrigation management services: the IRMA_SYS case. <i>International Journal of Sustainable Agricultural Management and Informatics</i> , 2016, 2, 1. | 0.1 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Regional Ombrian Curves: Design Rainfall Estimation for a Spatially Diverse Rainfall Regime. <i>Hydrology</i> , 2022, 9, 67. | 1.3 | 5 |
| 20 | Advances in Evaporation and Evaporative Demand. <i>Hydrology</i> , 2022, 9, 78. | 1.3 | 4 |
| 21 | Soil Hydrodynamic Characteristics of Reclaimed Agricultural Land at Messolonghi's Polder. <i>Agriculture and Agricultural Science Procedia</i> , 2015, 4, 282-289. | 0.6 | 1 |
| 22 | Agricultural and Urban Green Infrastructure Irrigation Systems Auditing – A Case Study for the Region of Epirus. <i>Agriculture and Agricultural Science Procedia</i> , 2015, 4, 300-309. | 0.6 | 1 |
| 23 | Evaluation of an operational participatory system for irrigation recommendations – case study for kiwifruit crop in Greece. <i>Acta Horticulturae</i> , 2022, , 523-526. | 0.1 | 0 |
| 24 | Evaluation of water footprint for table olive groves of <i>Olea europaea</i> L. – “Konservolea”™. <i>Acta Horticulturae</i> , 2022, , 403-410. | 0.1 | 0 |