# Ali Mokhtar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5878386/publications.pdf

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|---|---|---|---|
| 19 papers | 400 citations | 840776 11 h-index | 888059 17 g-index |
| 19 all docs | 19 docs citations | 19 times ranked | 293 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Estimation of SPEI Meteorological Drought Using Machine Learning Algorithms. IEEE Access, 2021, 9, 65503-65523. | 4.2 | 76 |
| 2 | Prediction of Combined Terrestrial Evapotranspiration Index (CTEI) over Large River Basin Based on Machine Learning Approaches. Water (Switzerland), 2021, 13, 547. | 2.7 | 57 |
| 3 | Applications of Gaussian process regression for predicting blue water footprint: Case study in Ad Daqahliyah, Egypt. Agricultural Water Management, 2021, 255, 107052. | 5.6 | 35 |
| 4 | Spatial and temporal variability analysis of green and blue evapotranspiration of wheat in the Egyptian Nile Delta from 1997 to 2017. Journal of Hydrology, 2021, 594, 125662. | 5.4 | 30 |
| 5 | Evapotranspiration as a response to climate variability and ecosystem changes in southwest, China. Environmental Earth Sciences, 2020, 79, 1. | 2.7 | 28 |
| 6 | Prediction of irrigation water quality indices based on machine learning and regression models. Applied Water Science, 2022, 12, 1. | 5.6 | 27 |
| 7 | Application of neural network and time series modeling to study the suitability of drain water quality for irrigation: a case study from Egypt. Environmental Science and Pollution Research, 2021, 28, 898-914. | 5.3 | 24 |
| 8 | Using Machine Learning Models to Predict Hydroponically Grown Lettuce Yield. Frontiers in Plant Science, 2022, 13, 706042. | 3.6 | 21 |
| 9 | Risks to water resources and development of a management strategy in the river basins of the Hengduan Mountains, Southwest China. Environmental Science: Water Research and Technology, 2020, 6, 656-678. | 2.4 | 17 |
| 10 | Assessment of the effects of spatiotemporal characteristics of drought on crop yields in southwest China. International Journal of Climatology, 2022, 42, 3056-3075. | 3.5 | 16 |
| 11 | Estimation of the rice water footprint based on machine learning algorithms. Computers and Electronics in Agriculture, 2021, 191, 106501. | 7.7 | 12 |
| 12 | The Impact of Climate Change and Human Activity on Spatiotemporal Patterns of Multiple Cropping Index in South West China. Sustainability, 2019, 11, 5308. | 3.2 | 11 |
| 13 | Integrated Modeling of Water Supply and Demand Under Climate Change Impacts and Management Options in Tributary Basin of Tonle Sap Lake, Cambodia. Water (Switzerland), 2020, 12, 2462. | 2.7 | 11 |
| 14 | An evapotranspiration deficit-based drought index to detect variability of terrestrial carbon productivity in the Middle East. Environmental Research Letters, 2022, 17, 014051. | 5.2 | 11 |
| 15 | Ecosystem water use efficiency response to drought over southwest China. Ecohydrology, 2022, 15, e2317. | 2.4 | 10 |
| 16 | Analysis of relationship between soil erosion and lake deposition during the Holocene in Xingyun Lake, southwestern China. Holocene, 0, , 095968362110190. | 1.7 | 6 |
| 17 | Assessing the WEPP model performance for predicting daily runoff in three terrestrial ecosystems in western Syria. Heliyon, 2021, 7, e06764. | 3.2 | 3 |
| 18 | Winter Potato Water Footprint Response to Climate Change in Egypt. Atmosphere, 2022, 13, 1052. | 2.3 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Perspective of agricultural water safety under combined future changes in crop water requirements and climate conditions in China. Theoretical and Applied Climatology, 0, , 1. | 2.8 | 2 |