

# JesÃ³s Soto

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

200  
citations

1307594

7  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

305  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Evaluation of Clustering Algorithms on HPC Platforms. Mathematics, 2021, 9, 2156.  | 2.2 | 1         |
| 2  | High-throughput fuzzy clustering on heterogeneous architectures. Future Generation Computer Systems, 2020, 106, 401-411.   | 7.5 | 5         |
| 3  | Antibiotics as emerging pollutants. Ecotoxicological risk and control in wastewater and reclaimed water. Ecosistemas, 2020, 29, .  | 0.4 | 0         |
| 4  | Developing an intelligent system for the prediction of soil properties with a portable mid-infrared instrument. Biosystems Engineering, 2019, 177, 101-108.                            | 4.3 | 14        |
| 5  | High-Throughput Infrastructure for Advanced ITS Services: A Case Study on Air Pollution Monitoring. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2246-2257.      | 8.0 | 8         |
| 6  | An unsupervised technique to discretize numerical values by fuzzy partitions. Journal of Ambient Intelligence and Smart Environments, 2018, 10, 289-300.                               | 1.4 | 1         |
| 7  | Fuzzy clustering as rational partition method for QSAR. Chemometrics and Intelligent Laboratory Systems, 2017, 166, 1-6.   | 3.5 | 6         |
| 8  | A novel fuzzy clustering approach to regionalise watersheds with an automatic determination of optimal number of clusters. Journal of Hydrology and Hydromechanics, 2017, 65, 359-365. | 2.0 | 3         |
| 9  | Discretizing Numerical Values by a Fuzzy Clustering Technique. , 2017, , .   |     | 0         |
| 10 | Using SWAT and Fuzzy TOPSIS to Assess the Impact of Climate Change in the Headwaters of the Segura River Basin (SE Spain). Water (Switzerland), 2017, 9, 149.                          | 2.7 | 50        |
| 11 | Parallel implementation of fuzzy minimal clustering algorithm. Expert Systems With Applications, 2016, 48, 35-41.  | 7.6 | 23        |
| 12 | Application of Modern Drug Discovery Techniques in the Context of Diabetes Mellitus and Atherosclerosis. Drug Designing: Open Access, 2015, 04, .                                      | 0.2 | 1         |
| 13 | Resource assignment in intelligent environments based on similarity, trust and reputation. Journal of Ambient Intelligence and Smart Environments, 2014, 6, 199-214.                   | 1.4 | 4         |
| 14 | Dealing with Distances and Transformations for Fuzzy C-Means Clustering of Compositional Data. Journal of Classification, 2012, 29, 144-169.   | 2.2 | 58        |
| 15 | The Need for an Integrated Computational/Experimental Approach in the Discovery and Design of New Drugs. Drug Designing: Open Access, 2012, 03, .                                      | 0.2 | 0         |
| 16 | Improving probabilities in a fuzzy clustering partition. Fuzzy Sets and Systems, 2008, 159, 406-421.   | 2.7 | 14        |
| 17 | A fuzzy clustering application to precise orbit determination. Journal of Computational and Applied Mathematics, 2007, 204, 137-143.   | 2.0 | 12        |