# Alfonso E Romero

List of Publications by Year
in descending order

| 25 papers | 1,842 citations | 759233 12 h-index | 642732 23 g-index |
|---|---|---|---|
| 27 all docs | 27 docs citations | 27 times ranked | 2588 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | A large-scale evaluation of computational protein function prediction. Nature Methods, 2013, 10, 221-227. | 19.0 | 789 |
| 2 | An expanded evaluation of protein function prediction methods shows an improvement in accuracy. Genome Biology, 2016, 17, 184. | 8.8 | 308 |
| 3 | The CAFA challenge reports improved protein function prediction and new functional annotations for hundreds of genes through experimental screens. Genome Biology, 2019, 20, 244. | 8.8 | 261 |
| 4 | Exploring the evolutionary path of plant MAPK networks. Trends in Plant Science, 2012, 17, 518-525. | 8.8 | 94 |
| 5 | mutation3D: Cancer Gene Prediction Through Atomic Clustering of Coding Variants in the Structural Proteome. Human Mutation, 2016, 37, 447-456. | 2.5 | 94 |
| 6 | An extensive analysis of disease-gene associations using network integration and fast kernel-based gene prioritization methods. Artificial Intelligence in Medicine, 2014, 61, 63-78. | 6.5 | 49 |
| 7 | GOssTo: a stand-alone application and a web tool for calculating semantic similarities on the Gene Ontology. Bioinformatics, 2014, 30, 2235-2236. | 4.1 | 44 |
| 8 | Scientific impact evaluation and the effect of selfâ€citations: Mitigating the bias by discounting the hâ€index. Journal of the Association for Information Science and Technology, 2013, 64, 2332-2339. | 2.6 | 41 |
| 9 | Activity Recognition for Diabetic Patients Using a Smartphone. Journal of Medical Systems, 2016, 40, 256. | 3.6 | 28 |
| 10 | Bayesian network models for hierarchical text classification from a thesaurus. International Journal of Approximate Reasoning, 2009, 50, 932-944. | 3.3 | 27 |
| 11 | A network medicine approach to quantify distance between hereditary disease modules on the interactome. Scientific Reports, 2016, 5, 17658. | 3.3 | 17 |
| 12 | Neurogenomic Signatures of Successes and Failures in Life-History Transitions in a Key Insect Pollinator. Genome Biology and Evolution, 2017, 9, 3059-3072. | 2.5 | 14 |
| 13 | Protein function prediction for newly sequenced organisms. Nature Machine Intelligence, 2021, 3, 1050-1060. | 16.0 | 13 |
| 14 | Recognising lifestyle activities of diabetic patients with a smartphone. , 2015, , . |  | 11 |
| 15 | Agentâ€oriented activity recognition in the event calculus: An application for diabetic patients. Computational Intelligence, 2017, 33, 899-925. | 3.2 | 7 |
| 16 | Automatic Indexing from a Thesaurus Using Bayesian Networks: Application to the Classification of Parliamentary Initiatives. Lecture Notes in Computer Science, 2007, , 865-877. | 1.3 | 6 |
| 17 | Activity Recognition for an Agent-Oriented Personal Health System. Lecture Notes in Computer Science, 2014, , 254-269. | 1.3 | 5 |
| 18 | Probabilistic Methods for Structured Document Classification at INEXâ€™07. Lecture Notes in Computer Science, 2008, , 195-206. | 1.3 | 4 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | New Utility Models for the Garnata Information Retrieval System at INEXâ€™08. Lecture Notes in Computer Science, 2009, , 39-45. | 1.3 | 4 |
| 20 | Probabilistic Methods for Link-Based Classification at INEX 2008. Lecture Notes in Computer Science, 2009, , 453-459. | 1.3 | 3 |
| 21 | Influence Diagrams and Structured Retrieval: Garnata Implementing the SID and CID Models at INEXâ€™06. Lecture Notes in Computer Science, 2007, , 165-177. | 1.3 | 3 |
| 22 | The Garnata Information Retrieval System at INEXâ€™07. Lecture Notes in Computer Science, 2008, , 57-69. | 1.3 | 3 |
| 23 | An Information Retrieval System for Parliamentary Documents. , 0, , 203-223. | | 2 |
| 24 | A probabilistic methodology for multilabel classification. Intelligent Data Analysis, 2014, 18, 911-926. | 0.9 | 1 |
| 25 | A note about Norbert Wiener and his contribution to Harmonic Analysis and Tauberian Theorems. , 2009, , . | | 0 |