

# Michele Magrane

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

19,607  
citations

218677

26  
h-index

361022

35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

28953  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                  | IF   | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Standardized annotation of translated open reading frames. <i>Nature Biotechnology</i> , 2022, 40, 994-999.                                                                                                              | 17.5 | 86        |
| 2  | UniProt: the universal protein knowledgebase in 2021. <i>Nucleic Acids Research</i> , 2021, 49, D480-D489.                                                                                                               | 14.5 | 4,709     |
| 3  | Challenges in the annotation of pseudoenzymes in databases: the UniProtKB approach. <i>FEBS Journal</i> , 2020, 287, 4114-4127.                                                                                          | 4.7  | 15        |
| 4  | Quality Matters: Biocuration Experts on the Impact of Duplication and Other Data Quality Issues in Biological Databases. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 91-103.                              | 6.9  | 14        |
| 5  | A Coordinated Approach by Public Domain Bioinformatics Resources to Aid the Fight Against Alzheimer's Disease Through Expert Curation of Key Protein Targets. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 257-273. | 2.6  | 7         |
| 6  | The DNA polymerases of <i>Drosophila melanogaster</i> . <i>Fly</i> , 2020, 14, 49-61.                                                                                                                                    | 1.7  | 6         |
| 7  | <i>Caenorhabditis elegans</i> phosphatase complexes in UniProtKB and Complex Portal. <i>FEBS Journal</i> , 2020, 287, 2664-2684.                                                                                         | 4.7  | 3         |
| 8  | SPIN: Submitting Sequences Determined at Protein Level to UniProt. <i>Current Protocols in Bioinformatics</i> , 2018, 62, e52.                                                                                           | 25.8 | 11        |
| 9  | From the research laboratory to the database: the <i>Caenorhabditis elegans</i> kinome in UniProtKB. <i>Biochemical Journal</i> , 2017, 474, 493-515.                                                                    | 3.7  | 9         |
| 10 | On expert curation and scalability: UniProtKB/Swiss-Prot as a case study. <i>Bioinformatics</i> , 2017, 33, 3454-3460.                                                                                                   | 4.1  | 91        |
| 11 | An expanded evaluation of protein function prediction methods shows an improvement in accuracy. <i>Genome Biology</i> , 2016, 17, 184.                                                                                   | 8.8  | 308       |
| 12 | The UniProtKB guide to the human proteome. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, bav120.                                                                                       | 3.0  | 130       |
| 13 | Searching and Navigating UniProt Databases. <i>Current Protocols in Bioinformatics</i> , 2015, 50, 1.27.1-1.27.10.                                                                                                       | 25.8 | 72        |
| 14 | Expert curation in UniProtKB: a case study on dealing with conflicting and erroneous data. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau016-bau016.                                | 3.0  | 56        |
| 15 | Activities at the Universal Protein Resource (UniProt). <i>Nucleic Acids Research</i> , 2014, 42, D191-D198.                                                                                                             | 14.5 | 1,162     |
| 16 | Reorganizing the protein space at the Universal Protein Resource (UniProt). <i>Nucleic Acids Research</i> , 2012, 40, D71-D75.                                                                                           | 14.5 | 1,196     |
| 17 | The Gene Ontology: enhancements for 2011. <i>Nucleic Acids Research</i> , 2012, 40, D559-D564.                                                                                                                           | 14.5 | 191       |
| 18 | Gene Ontology Annotations and Resources. <i>Nucleic Acids Research</i> , 2012, 41, D530-D535.                                                                                                                            | 14.5 | 456       |

| #  | ARTICLE                                                                                                                                                          | IF   | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | The UniProt-GO Annotation database in 2011. <i>Nucleic Acids Research</i> , 2012, 40, D565-D570.                                                                 | 14.5 | 349       |
| 20 | UniProt Knowledgebase: a hub of integrated protein data. <i>Database: the Journal of Biological Databases and Curation</i> , 2011, 2011, bar009-bar009.          | 3.0  | 1,271     |
| 21 | Ongoing and future developments at the Universal Protein Resource. <i>Nucleic Acids Research</i> , 2011, 39, D214-D219.                                          | 14.5 | 649       |
| 22 | From protein sequences to 3D-structures and beyond: the example of the UniProt Knowledgebase. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1049-1064. | 5.4  | 33        |
| 23 | The Universal Protein Resource (UniProt) in 2010. <i>Nucleic Acids Research</i> , 2010, 38, D142-D148.                                                           | 14.5 | 1,131     |
| 24 | The Universal Protein Resource (UniProt) 2009. <i>Nucleic Acids Research</i> , 2009, 37, D169-D174.                                                              | 14.5 | 548       |
| 25 | The Protein Feature Ontology: a tool for the unification of protein feature annotations. <i>Bioinformatics</i> , 2008, 24, 2767-2772.                            | 4.1  | 19        |
| 26 | The Universal Protein Resource (UniProt): an expanding universe of protein information. <i>Nucleic Acids Research</i> , 2006, 34, D187-D191.                     | 14.5 | 961       |
| 27 | An evaluation of GO annotation retrieval for BioCreAtIvE and GOA. <i>BMC Bioinformatics</i> , 2005, 6, S17.                                                      | 2.6  | 141       |
| 28 | The Gene Ontology Annotation (GOA) Database: sharing knowledge in Uniprot with Gene Ontology. <i>Nucleic Acids Research</i> , 2004, 32, 262D-266.                | 14.5 | 780       |
| 29 | The Universal Protein Resource (UniProt). <i>Nucleic Acids Research</i> , 2004, 33, D154-D159.                                                                   | 14.5 | 1,681     |
| 30 | UniProt: the Universal Protein knowledgebase. <i>Nucleic Acids Research</i> , 2004, 32, 115D-119.                                                                | 14.5 | 2,994     |
| 31 | The Gene Ontology Annotation (GOA) Projectâ€™ Application of GO in SWISS-PROT, TrEMBL and InterPro. <i>Comparative and Functional Genomics</i> , 2003, 4, 71-74. | 2.0  | 36        |
| 32 | The Gene Ontology Annotation (GOA) Project: Implementation of GO in SWISS-PROT, TrEMBL, and InterPro. <i>Genome Research</i> , 2003, 13, 662-672.                | 5.5  | 297       |
| 33 | Mouse Proteome Analysis. <i>Genome Research</i> , 2003, 13, 1335-1344.                                                                                           | 5.5  | 91        |
| 34 | The European Bioinformatics Institute's data resources. <i>Nucleic Acids Research</i> , 2003, 31, 43-50.                                                         | 14.5 | 56        |
| 35 | Mus musculus in the SWISS-PROT database: Its relevance to developmental research. <i>Genesis</i> , 2000, 26, 1-4.                                                | 1.6  | 0         |
| 36 | The role SWISS-PROT and TrEMBL play in the genome research environment. <i>Journal of Biotechnology</i> , 2000, 78, 221-234.                                     | 3.8  | 23        |