

# Guy F Davenport

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1443490/publications.pdf>

Version: 2024-02-01

14  
papers

985  
citations

840776

11  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1249  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Core Hunter 3: flexible core subset selection. BMC Bioinformatics, 2018, 19, 203.   | 2.6  | 92        |
| 2  | JAMES: An object-oriented Java framework for discrete optimization using local search metaheuristics. Software - Practice and Experience, 2017, 47, 921-938.              | 3.6  | 13        |
| 3  | Core Hunter II: fast core subset selection based on multiple genetic diversity measures using Mixed Replica search. BMC Bioinformatics, 2012, 13, 312.                    | 2.6  | 52        |
| 4  | Genetic diversity in European Pisum germplasm collections. Theoretical and Applied Genetics, 2012, 125, 367-380.  | 3.6  | 43        |
| 5  | Multifunctional crop trait ontology for breeders' data: field book, annotation, data discovery and semantic enrichment of the literature. AoB PLANTS, 2010, 2010, plq008. | 2.3  | 55        |
| 6  | Core Hunter: an algorithm for sampling genetic resources based on multiple genetic measures. BMC Bioinformatics, 2009, 10, 243.   | 2.6  | 138       |
| 7  | Wheat genetic resources enhancement by the International Maize and Wheat Improvement Center (CIMMYT). Genetic Resources and Crop Evolution, 2008, 55, 1095-1140.          | 1.6  | 155       |
| 8  | The Generation Challenge Programme Platform: Semantic Standards and Workbench for Crop Science. International Journal of Plant Genomics, 2008, 2008, 1-6.                 | 2.2  | 5         |
| 9  | Generation Challenge Programme (GCP): Standards for Crop Data. OMICS A Journal of Integrative Biology, 2006, 10, 215-219.   | 2.0  | 18        |
| 10 | GERMINATE. A Generic Database for Integrating Genotypic and Phenotypic Information for Plant Genetic Resource Collections. Plant Physiology, 2005, 139, 619-631.          | 4.8  | 35        |
| 11 | Using bioinformatics to analyse germplasm collections. Euphytica, 2004, 137, 39-54.   | 1.2  | 8         |
| 12 | UK CropNet: a collection of databases and bioinformatics resources for crop plant genomics. Nucleic Acids Research, 2000, 28, 104-107.                                    | 14.5 | 16        |
| 13 | Requirement of sense transcription for homology-dependent virus resistance and inactivation. Plant Journal, 1997, 12, 597-603.  | 5.7  | 118       |
| 14 | Homology-dependent resistance: transgenic virus resistance in plants related to homology-dependent gene silencing. Plant Journal, 1995, 7, 1001-1013.                     | 5.7  | 237       |