

Christopher J Mungall

List of Publications by Year in descending order

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169
papers

44,691
citations

11639

70
h-index

5986

160
g-index

199
all docs

199
docs citations

199
times ranked

59940
citing authors

#	ARTICLE	IF	CITATIONS
1	ECO: the Evidence and Conclusion Ontology, an update for 2022. <i>Nucleic Acids Research</i> , 2022, 50, D1515-D1521.	6.5	21
2	The gene regulation knowledge commons: the action area of GREEKC. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2022, 1865, 194768.	0.9	3
3	Challenges in Bioinformatics Workflows for Processing Microbiome Omics Data at Scale. <i>Frontiers in Bioinformatics</i> , 2022, 1, .	1.0	6
4	Harmonizing model organism data in the Alliance of Genome Resources. <i>Genetics</i> , 2022, 220, .	1.2	52
5	Phenotype-driven approaches to enhance variant prioritization and diagnosis of rare disease. <i>Human Mutation</i> , 2022, 43, 1071-1081.	1.1	17
6	SvAnna: efficient and accurate pathogenicity prediction of coding and regulatory structural variants in long-read genome sequencing. <i>Genome Medicine</i> , 2022, 14, 44.	3.6	7
7	NSAID use and clinical outcomes in COVID-19 patients: a 38-center retrospective cohort study. <i>Virology Journal</i> , 2022, 19, 84.	1.4	19
8	A Simple Standard for Sharing Ontological Mappings (SSOM). <i>Database: the Journal of Biological Databases and Curation</i> , 2022, 2022, .	1.4	23
9	The GA4GH Phenopacket schema defines a computable representation of clinical data. <i>Nature Biotechnology</i> , 2022, 40, 817-820.	9.4	38
10	Biolink Model: A universal schema for knowledge graphs in clinical, biomedical, and translational science. <i>Clinical and Translational Science</i> , 2022, 15, 1848-1855.	1.5	38
11	The Minimum Information about a Molecular Interaction CAusal Statement (MI2CAST). <i>Bioinformatics</i> , 2021, 36, 5712-5718.	1.8	14
12	KG-COVID-19: A Framework to Produce Customized Knowledge Graphs for COVID-19 Response. <i>Patterns</i> , 2021, 2, 100155.	3.1	62
13	The Human Phenotype Ontology in 2021. <i>Nucleic Acids Research</i> , 2021, 49, D1207-D1217.	6.5	652
14	Microbiome Metadata Standards: Report of the National Microbiome Data Collaborative's™s Workshop and Follow-On Activities. <i>MSystems</i> , 2021, 6, .	1.7	28
15	Knowledge Beacons: Web services for data harvesting of distributed biomedical knowledge. <i>PLoS ONE</i> , 2021, 16, e0231916.	1.1	1
16	Reactome and the Gene Ontology: digital convergence of data resources. <i>Bioinformatics</i> , 2021, 37, 3343-3348.	1.8	19
17	Sequence Ontology terminology for gene regulation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2021, 1864, 194745.	0.9	5
18	Novel and Emerging Capabilities that Can Provide a Holistic Understanding of the Plant Root Microbiome. <i>Phytobiomes Journal</i> , 2021, 5, 122-132.	1.4	16

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19	The Gene Ontology resource: enriching a GOld mine. <i>Nucleic Acids Research</i> , 2021, 49, D325-D334.	6.5	2,416
20	OBO Foundry in 2021: operationalizing open data principles to evaluate ontologies. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .	1.4	77
21	Supervised learning with word embeddings derived from PubMed captures latent knowledge about protein kinases and cancer. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab113.	1.5	4
22	Alliance of Genome Resources Portal: unified model organism research platform. <i>Nucleic Acids Research</i> , 2020, 48, D650-D658.	6.5	145
23	A Logical Model of Homology for Comparative Biology. <i>Systematic Biology</i> , 2020, 69, 345-362.	2.7	11
24	The Monarch Initiative in 2019: an integrative data and analytic platform connecting phenotypes to genotypes across species. <i>Nucleic Acids Research</i> , 2020, 48, D704-D715.	6.5	178
25	The Ontologies Community of Practice: A CGIAR Initiative for Big Data in Agrifood Systems. <i>Patterns</i> , 2020, 1, 100105.	3.1	53
26	Term Matrix: a novel Gene Ontology annotation quality control system based on ontology term co-annotation patterns. <i>Open Biology</i> , 2020, 10, 200149.	1.5	7
27	Modelling kidney disease using ontology: insights from the Kidney Precision Medicine Project. <i>Nature Reviews Nephrology</i> , 2020, 16, 686-696.	4.1	45
28	String of PURLs“ frugal migration and maintenance of persistent identifiers. <i>Data Science</i> , 2020, 3, 3-13.	0.7	3
29	The National Microbiome Data Collaborative: enabling microbiome science. <i>Nature Reviews Microbiology</i> , 2020, 18, 313-314.	13.6	42
30	How many rare diseases are there?. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 77-78.	21.5	204
31	Transforming the study of organisms: Phenomic data models and knowledge bases. <i>PLoS Computational Biology</i> , 2020, 16, e1008376.	1.5	12
32	ROBOT: A Tool for Automating Ontology Workflows. <i>BMC Bioinformatics</i> , 2019, 20, 407.	1.2	97
33	Encoding Clinical Data with the Human Phenotype Ontology for Computational Differential Diagnostics. <i>Current Protocols in Human Genetics</i> , 2019, 103, e92.	3.5	29
34	The Plant Ontology Facilitates Comparisons of Plant Development Stages Across Species. <i>Frontiers in Plant Science</i> , 2019, 10, 631.	1.7	36
35	Gene Ontology Causal Activity Modeling (GO-CAM) moves beyond GO annotations to structured descriptions of biological functions and systems. <i>Nature Genetics</i> , 2019, 51, 1429-1433.	9.4	76
36	Semantic integration of clinical laboratory tests from electronic health records for deep phenotyping and biomarker discovery. <i>Npj Digital Medicine</i> , 2019, 2, .	5.7	39

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37	The Gene Ontology Resource: 20 years and still GOing strong. <i>Nucleic Acids Research</i> , 2019, 47, D330-D338.	6.5	3,474
38	Expansion of the Human Phenotype Ontology (HPO) knowledge base and resources. <i>Nucleic Acids Research</i> , 2019, 47, D1018-D1027.	6.5	539
39	ECO, the Evidence & Conclusion Ontology: community standard for evidence information. <i>Nucleic Acids Research</i> , 2019, 47, D1186-D1194.	6.5	67
40	Plain-language medical vocabulary for precision diagnosis. <i>Nature Genetics</i> , 2018, 50, 474-476.	9.4	28
41	The Planteome database: an integrated resource for reference ontologies, plant genomics and phenomics. <i>Nucleic Acids Research</i> , 2018, 46, D1168-D1180.	6.5	133
42	AgBioData consortium recommendations for sustainable genomics and genetics databases for agriculture. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	1.4	52
43	A Census of Disease Ontologies. <i>Annual Review of Biomedical Data Science</i> , 2018, 1, 305-331.	2.8	29
44	FAIR principles and the IEDB: short-term improvements and a long-term vision of OBO-foundry mediated machine-actionable interoperability. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	1.4	13
45	GOATOOLS: A Python library for Gene Ontology analyses. <i>Scientific Reports</i> , 2018, 8, 10872.	1.6	717
46	MIRO: guidelines for minimum information for the reporting of an ontology. <i>Journal of Biomedical Semantics</i> , 2018, 9, 6.	0.9	55
47	The Human Phenotype Ontology in 2017. <i>Nucleic Acids Research</i> , 2017, 45, D865-D876.	6.5	699
48	Expansion of the Gene Ontology knowledgebase and resources. <i>Nucleic Acids Research</i> , 2017, 45, D331-D338.	6.5	1,838
49	BioMake: a GNU make-compatible utility for declarative workflow management. <i>Bioinformatics</i> , 2017, 33, 3502-3504.	1.8	5
50	From SNOMED CT to Uberon: Transferability of evaluation methodology between similarly structured ontologies. <i>Artificial Intelligence in Medicine</i> , 2017, 79, 9-14.	3.8	9
51	The Monarch Initiative: an integrative data and analytic platform connecting phenotypes to genotypes across species. <i>Nucleic Acids Research</i> , 2017, 45, D712-D722.	6.5	306
52	An integrated expression atlas of miRNAs and their promoters in human and mouse. <i>Nature Biotechnology</i> , 2017, 35, 872-878.	9.4	456
53	Disease model discovery from 3,328 gene knockouts by The International Mouse Phenotyping Consortium. <i>Nature Genetics</i> , 2017, 49, 1231-1238.	9.4	216
54	Dead simple OWL design patterns. <i>Journal of Biomedical Semantics</i> , 2017, 8, 18.	0.9	39

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55	Update of the FANTOM web resource: high resolution transcriptome of diverse cell types in mammals. <i>Nucleic Acids Research</i> , 2017, 45, D737-D743.	6.5	116
56	Ontobee: A linked ontology data server to support ontology term dereferencing, linkage, query and integration. <i>Nucleic Acids Research</i> , 2017, 45, D347-D352.	6.5	110
57	Identifiers for the 21st century: How to design, provision, and reuse persistent identifiers to maximize utility and impact of life science data. <i>PLoS Biology</i> , 2017, 15, e2001414.	2.6	97
58	Distributed Cognition and Process Management Enabling Individualized Translational Research: The NIH Undiagnosed Diseases Program Experience. <i>Frontiers in Medicine</i> , 2016, 3, 39.	1.2	3
59	The Cell Ontology 2016: enhanced content, modularization, and ontology interoperability. <i>Journal of Biomedical Semantics</i> , 2016, 7, 44.	0.9	201
60	The environment ontology in 2016: bridging domains with increased scope, semantic density, and interoperation. <i>Journal of Biomedical Semantics</i> , 2016, 7, 57.	0.9	173
61	A Whole-Genome Analysis Framework for Effective Identification of Pathogenic Regulatory Variants in Mendelian Disease. <i>American Journal of Human Genetics</i> , 2016, 99, 595-606.	2.6	223
62	Navigating the Phenotype Frontier: The Monarch Initiative. <i>Genetics</i> , 2016, 203, 1491-1495.	1.2	65
63	Tools for exploring mouse models of human disease. <i>Drug Discovery Today: Disease Models</i> , 2016, 20, 21-26.	1.2	0
64	FALDO: a semantic standard for describing the location of nucleotide and protein feature annotation. <i>Journal of Biomedical Semantics</i> , 2016, 7, 39.	0.9	22
65	Modeling biochemical pathways in the gene ontology. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw126.	1.4	11
66	High-performance web services for querying gene and variant annotation. <i>Genome Biology</i> , 2016, 17, 91.	3.8	166
67	Computational evaluation of exome sequence data using human and model organism phenotypes improves diagnostic efficiency. <i>Genetics in Medicine</i> , 2016, 18, 608-617.	1.1	85
68	Muscle Logic: New Knowledge Resource for Anatomy Enables Comprehensive Searches of the Literature on the Feeding Muscles of Mammals. <i>PLoS ONE</i> , 2016, 11, e0149102.	1.1	5
69	The health care and life sciences community profile for dataset descriptions. <i>PeerJ</i> , 2016, 4, e2331.	0.9	18
70	INVESTIGATING THE IMPORTANCE OF ANATOMICAL HOMOLOGY FOR CROSS-SPECIES PHENOTYPE COMPARISONS USING SEMANTIC SIMILARITY. , 2016, , .		2
71	The Matchmaker Exchange API: Automating Patient Matching Through the Exchange of Structured Phenotypic and Genotypic Profiles. <i>Human Mutation</i> , 2015, 36, 922-927.	1.1	50
72	Use of Model Organism and Disease Databases to Support Matchmaking for Human Disease Gene Discovery. <i>Human Mutation</i> , 2015, 36, 979-984.	1.1	36

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73	Capturing phenotypes for precision medicine. <i>Journal of Physical Education and Sports Management</i> , 2015, 1, a000372.	0.5	32
74	Transcribed enhancers lead waves of coordinated transcription in transitioning mammalian cells. <i>Science</i> , 2015, 347, 1010-1014.	6.0	517
75	Gateways to the FANTOM5 promoter level mammalian expression atlas. <i>Genome Biology</i> , 2015, 16, 22.	3.8	687
76	Finding Our Way through Phenotypes. <i>PLoS Biology</i> , 2015, 13, e1002033.	2.6	178
77	The Human Phenotype Ontology: Semantic Unification of Common and Rare Disease. <i>American Journal of Human Genetics</i> , 2015, 97, 111-124.	2.6	203
78	Disease Ontology 2015 update: an expanded and updated database of human diseases for linking biomedical knowledge through disease data. <i>Nucleic Acids Research</i> , 2015, 43, D1071-D1078.	6.5	498
79	Disease insights through cross-species phenotype comparisons. <i>Mammalian Genome</i> , 2015, 26, 548-555.	1.0	19
80	The Matchmaker Exchange: A Platform for Rare Disease Gene Discovery. <i>Human Mutation</i> , 2015, 36, 915-921.	1.1	390
81	Emerging semantics to link phenotype and environment. <i>PeerJ</i> , 2015, 3, e1470.	0.9	15
82	Representing Kidney Development Using the Gene Ontology. <i>PLoS ONE</i> , 2014, 9, e99864.	1.1	17
83	The Porifera Ontology (PORO): enhancing sponge systematics with an anatomy ontology. <i>Journal of Biomedical Semantics</i> , 2014, 5, 39.	0.9	12
84	Clinical interpretation of CNVs with cross-species phenotype data. <i>Journal of Medical Genetics</i> , 2014, 51, 766-772.	1.5	23
85	Global biotic interactions: An open infrastructure to share and analyze species-interaction datasets. <i>Ecological Informatics</i> , 2014, 24, 148-159.	2.3	161
86	Improved exome prioritization of disease genes through cross-species phenotype comparison. <i>Genome Research</i> , 2014, 24, 340-348.	2.4	300
87	TermGenie – a web-application for pattern-based ontology class generation. <i>Journal of Biomedical Semantics</i> , 2014, 5, 48.	0.9	30
88	Use of animal models for exome prioritization of rare disease genes. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, O19.	1.2	0
89	Deletions of chromosomal regulatory boundaries are associated with congenital disease. <i>Genome Biology</i> , 2014, 15, 423.	3.8	144
90	Standardized description of scientific evidence using the Evidence Ontology (ECO). <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau075-bau075.	1.4	95

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91	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014, 507, 462-470.	13.7	1,838
92	An atlas of active enhancers across human cell types and tissues. <i>Nature</i> , 2014, 507, 455-461.	13.7	2,269
93	The Human Phenotype Ontology project: linking molecular biology and disease through phenotype data. <i>Nucleic Acids Research</i> , 2014, 42, D966-D974.	6.5	698
94	Unification of multi-species vertebrate anatomy ontologies for comparative biology in Uberon. <i>Journal of Biomedical Semantics</i> , 2014, 5, 21.	0.9	121
95	Nose to tail, roots to shoots: spatial descriptors for phenotypic diversity in the Biological Spatial Ontology. <i>Journal of Biomedical Semantics</i> , 2014, 5, 34.	0.9	31
96	CLO: The cell line ontology. <i>Journal of Biomedical Semantics</i> , 2014, 5, 37.	0.9	89
97	The influence of disease categories on gene candidate predictions from model organism phenotypes. <i>Journal of Biomedical Semantics</i> , 2014, 5, S4.	0.9	9
98	A method for increasing expressivity of Gene Ontology annotations using a compositional approach. <i>BMC Bioinformatics</i> , 2014, 15, 155.	1.2	78
99	OPPL-Galaxy, a Galaxy tool for enhancing ontology exploitation as part of bioinformatics workflows. <i>Journal of Biomedical Semantics</i> , 2013, 4, 2.	0.9	5
100	The Gene Ontology (GO) Cellular Component Ontology: integration with SAO (Subcellular Anatomy) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	0.9	44
101	Ontology based molecular signatures for immune cell types via gene expression analysis. <i>BMC Bioinformatics</i> , 2013, 14, 263.	1.2	13
102	Dovetailing biology and chemistry: integrating the Gene Ontology with the ChEBI chemical ontology. <i>BMC Genomics</i> , 2013, 14, 513.	1.2	45
103	The Plant Ontology as a Tool for Comparative Plant Anatomy and Genomic Analyses. <i>Plant and Cell Physiology</i> , 2013, 54, e1-e1.	1.5	131
104	PhenoDigm: analyzing curated annotations to associate animal models with human diseases. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bat025-bat025.	1.4	115
105	What is an anatomy ontology?. <i>Anatomical Record</i> , 2013, 296, 1797-1799.	0.8	1
106	Phenotypic overlap in the contribution of individual genes to CNV pathogenicity revealed by cross-species computational analysis of single-gene mutations in humans, mice and zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 358-72.	1.2	43
107	The environment ontology: contextualising biological and biomedical entities. <i>Journal of Biomedical Semantics</i> , 2013, 4, 43.	0.9	244
108	A knowledge based approach to matching human neurodegenerative disease and animal models. <i>Frontiers in Neuroinformatics</i> , 2013, 7, 7.	1.3	8

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109	Construction and accessibility of a cross-species phenotype ontology along with gene annotations for biomedical research. <i>F1000Research</i> , 2013, 2, 30.	0.8	72
110	Construction and accessibility of a cross-species phenotype ontology along with gene annotations for biomedical research. <i>F1000Research</i> , 2013, 2, 30.	0.8	64
111	On the Use of Gene Ontology Annotations to Assess Functional Similarity among Orthologs and Paralogs: A Short Report. <i>PLoS Computational Biology</i> , 2012, 8, e1002386.	1.5	91
112	The Gene Ontology: enhancements for 2011. <i>Nucleic Acids Research</i> , 2012, 40, D559-D564.	6.5	191
113	Ontologies as integrative tools for plant science. <i>American Journal of Botany</i> , 2012, 99, 1263-1275.	0.8	79
114	Uberon, an integrative multi-species anatomy ontology. <i>Genome Biology</i> , 2012, 13, R5.	13.9	545
115	A strategy for building neuroanatomy ontologies. <i>Bioinformatics</i> , 2012, 28, 1262-1269.	1.8	28
116	MouseFinder: Candidate disease genes from mouse phenotype data. <i>Human Mutation</i> , 2012, 33, 858-866.	1.1	53
117	A Unified Anatomy Ontology of the Vertebrate Skeletal System. <i>PLoS ONE</i> , 2012, 7, e51070.	1.1	40
118	Taking shortcuts with OWL using safe macros. <i>Nature Precedings</i> , 2011, , .	0.1	1
119	Modularization for the Cell Ontology. <i>Nature Precedings</i> , 2011, , .	0.1	0
120	Mapping between the OBO and OWL ontology languages. <i>Journal of Biomedical Semantics</i> , 2011, 2, S3.	0.9	30
121	Hematopoietic cell types: Prototype for a revised cell ontology. <i>Journal of Biomedical Informatics</i> , 2011, 44, 75-79.	2.5	35
122	Cross-product extensions of the Gene Ontology. <i>Journal of Biomedical Informatics</i> , 2011, 44, 80-86.	2.5	96
123	Evolution of the Sequence Ontology terms and relationships. <i>Journal of Biomedical Informatics</i> , 2011, 44, 87-93.	2.5	68
124	Improving ontologies by automatic reasoning and evaluation of logical definitions. <i>BMC Bioinformatics</i> , 2011, 12, 418.	1.2	29
125	Logical Development of the Cell Ontology. <i>BMC Bioinformatics</i> , 2011, 12, 6.	1.2	117
126	The RNA Ontology (RNAO): An ontology for integrating RNA sequence and structure data. <i>Applied Ontology</i> , 2011, 6, 53-89.	1.0	23

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127	Formalization of taxon-based constraints to detect inconsistencies in annotation and ontology development. BMC Bioinformatics, 2010, 11, 530.	1.2	48
128	ONTO-ToolKit: enabling bio-ontology engineering via Galaxy. BMC Bioinformatics, 2010, 11, S8.	1.2	7
129	Ontology engineering. Nature Biotechnology, 2010, 28, 128-130.	9.4	113
130	Taking shortcuts with OWL using safe macros. Nature Precedings, 2010, , .	0.1	2
131	Novel sequence feature variant type analysis of the HLA genetic association in systemic sclerosis. Human Molecular Genetics, 2010, 19, 707-719.	1.4	37
132	The Gene Ontology in 2010: extensions and refinements. Nucleic Acids Research, 2010, 38, D331-D335.	6.5	450
133	Integrating phenotype ontologies across multiple species. Genome Biology, 2010, 11, R2.	13.9	232
134	Evolution of the Sequence Ontology terms and relationships. Nature Precedings, 2009, , .	0.1	3
135	Cross-Product Extensions of the Gene Ontology. Nature Precedings, 2009, , .	0.1	2
136	The RNA Ontology (RNAO): An ontology for integrating RNA sequence and structure data. Nature Precedings, 2009, , .	0.1	3
137	Hematopoietic Cell Types: Prototype for a Revised Cell Ontology. Nature Precedings, 2009, , .	0.1	0
138	Development of an Ontology of Microbial Phenotypes (OMP). Nature Precedings, 2009, , .	0.1	1
139	Entity/quality-based logical definitions for the human skeletal phenome using PATO. , 2009, 2009, 7069-72.		67
140	AmiGO: online access to ontology and annotation data. Bioinformatics, 2009, 25, 288-289.	1.8	1,647
141	The Gene Ontology's Reference Genome Project: A Unified Framework for Functional Annotation across Species. PLoS Computational Biology, 2009, 5, e1000431.	1.5	148
142	Linking Human Diseases to Animal Models Using Ontology-Based Phenotype Annotation. PLoS Biology, 2009, 7, e1000247.	2.6	247
143	Survey-based naming conventions for use in OBO Foundry ontology development. BMC Bioinformatics, 2009, 10, 125.	1.2	50
144	An improved ontological representation of dendritic cells as a paradigm for all cell types. BMC Bioinformatics, 2009, 10, 70.	1.2	29

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145	Mouse, man, and meaning: bridging the semantics of mouse phenotype and human disease. <i>Mammalian Genome</i> , 2009, 20, 457-461.	1.0	21
146	JBrowse: A next-generation genome browser. <i>Genome Research</i> , 2009, 19, 1630-1638.	2.4	724
147	Experiences Using Logic Programming in Bioinformatics. <i>Lecture Notes in Computer Science</i> , 2009, , 1-21.	1.0	7
148	Tools for neuroanatomy and neurogenetics in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9715-9720.	3.3	902
149	Genome-Wide Analysis of Human Disease Alleles Reveals That Their Locations Are Correlated in Paralogous Proteins. <i>PLoS Computational Biology</i> , 2008, 4, e1000218.	1.5	17
150	The Release 5.1 Annotation of <i>Drosophila melanogaster</i> Heterochromatin. <i>Science</i> , 2007, 316, 1586-1591.	6.0	181
151	A Chado case study: an ontology-based modular schema for representing genome-associated biological information. <i>Bioinformatics</i> , 2007, 23, i337-i346.	1.8	216
152	Phenotype ontologies: the bridge between genomics and evolution. <i>Trends in Ecology and Evolution</i> , 2007, 22, 345-350.	4.2	116
153	The OBO Foundry: coordinated evolution of ontologies to support biomedical data integration. <i>Nature Biotechnology</i> , 2007, 25, 1251-1255.	9.4	1,955
154	The Gene Ontology (GO) project in 2006. <i>Nucleic Acids Research</i> , 2006, 34, D322-D326.	6.5	923
155	Large-Scale Trends in the Evolution of Gene Structures within 11 Animal Genomes. <i>PLoS Computational Biology</i> , 2006, 2, e15.	1.5	69
156	National Center for Biomedical Ontology: Advancing Biomedicine through Structured Organization of Scientific Knowledge. <i>OMICS A Journal of Integrative Biology</i> , 2006, 10, 185-198.	1.0	149
157	The Sequence Ontology: a tool for the unification of genome annotations. <i>Genome Biology</i> , 2005, 6, R44.	13.9	638
158	Relations in biomedical ontologies. <i>Genome Biology</i> , 2005, 6, R46.	13.9	737
159	Obol: Integrating Language and Meaning in Bio-Ontologies. <i>Comparative and Functional Genomics</i> , 2004, 5, 509-520.	2.0	82
160	The FlyBase database of the <i>Drosophila</i> genome projects and community literature. <i>Nucleic Acids Research</i> , 2003, 31, 172-175.	6.5	372
161	Ontologies for Biologists: A Community Model for the Annotation of Genomic Data. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2003, 68, 227-236.	2.0	27
162	The Generic Genome Browser: A Building Block for a Model Organism System Database. <i>Genome Research</i> , 2002, 12, 1599-1610.	2.4	1,006

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163	The Bioperl Toolkit: Perl Modules for the Life Sciences. <i>Genome Research</i> , 2002, 12, 1611-1618.	2.4	1,427
164	Annotation of the <i>Drosophila melanogaster</i> euchromatic genome: a systematic review. <i>Genome Biology</i> , 2002, 3, research0083.1.	13.9	308
165	Genome sequence of the human malaria parasite <i>Plasmodium falciparum</i> . <i>Nature</i> , 2002, 419, 498-511.	13.7	3,881
166	Creating the Gene Ontology Resource: Design and Implementation. <i>Genome Research</i> , 2001, 11, 1425-1433.	2.4	881
167	The ARKdb: genome databases for farmed and other animals. <i>Nucleic Acids Research</i> , 2001, 29, 106-110.	6.5	64
168	Comparative Genomics of the Eukaryotes. <i>Science</i> , 2000, 287, 2204-2215.	6.0	1,573
169	VO: Vaccine Ontology. <i>Nature Precedings</i> , 0, , .	0.1	21