

Melissa Anne Haendel

List of Publications by Year in descending order

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Version: 2024-02-01

173
papers

14,326
citations

26610

56
h-index

27389

106
g-index

213
all docs

213
docs citations

213
times ranked

20245
citing authors

#	ARTICLE	IF	CITATIONS
1	The Human Phenotype Ontology in 2017. <i>Nucleic Acids Research</i> , 2017, 45, D865-D876.	6.5	699
2	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
3	The Human Phenotype Ontology in 2021. <i>Nucleic Acids Research</i> , 2021, 49, D1207-D1217.	6.5	652
4	Uberon, an integrative multi-species anatomy ontology. <i>Genome Biology</i> , 2012, 13, R5.	13.9	545
5	Expansion of the Human Phenotype Ontology (HPO) knowledge base and resources. <i>Nucleic Acids Research</i> , 2019, 47, D1018-D1027.	6.5	539
6	The Matchmaker Exchange: A Platform for Rare Disease Gene Discovery. <i>Human Mutation</i> , 2015, 36, 915-921.	1.1	390
7	The National COVID Cohort Collaborative (N3C): Rationale, design, infrastructure, and deployment. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 427-443.	2.2	342
8	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
9	Improved exome prioritization of disease genes through cross-species phenotype comparison. <i>Genome Research</i> , 2014, 24, 340-348.	2.4	300
10	Next-generation diagnostics and disease-gene discovery with the Exomiser. <i>Nature Protocols</i> , 2015, 10, 2004-2015.	5.5	296
11	The Zebrafish Information Network: the zebrafish model organism database. <i>Nucleic Acids Research</i> , 2006, 34, D581-D585.	6.5	263
12	OBO-Edit an ontology editor for biologists. <i>Bioinformatics</i> , 2007, 23, 2198-2200.	1.8	250
13	Linking Human Diseases to Animal Models Using Ontology-Based Phenotype Annotation. <i>PLoS Biology</i> , 2009, 7, e1000247.	2.6	247
14	Integrating phenotype ontologies across multiple species. <i>Genome Biology</i> , 2010, 11, R2.	13.9	232
15	Effective diagnosis of genetic disease by computational phenotype analysis of the disease-associated genome. <i>Science Translational Medicine</i> , 2014, 6, 252ra123.	5.8	223
16	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
17	Classification, Ontology, and Precision Medicine. <i>New England Journal of Medicine</i> , 2018, 379, 1452-1462.	13.9	220
18	The Ontology for Biomedical Investigations. <i>PLoS ONE</i> , 2016, 11, e0154556.	1.1	217

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19	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
20	On the reproducibility of science: unique identification of research resources in the biomedical literature. <i>PeerJ</i> , 2013, 1, e148.	0.9	216
21	How many rare diseases are there?. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 77-78.	21.5	204
22	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
23	The Cell Ontology 2016: enhanced content, modularization, and ontology interoperability. <i>Journal of Biomedical Semantics</i> , 2016, 7, 44.	0.9	201
24	Association Between Immune Dysfunction and COVID-19 Breakthrough Infection After SARS-CoV-2 Vaccination in the US. <i>JAMA Internal Medicine</i> , 2022, 182, 153.	2.6	182
25	MARRVEL: Integration of Human and Model Organism Genetic Resources to Facilitate Functional Annotation of the Human Genome. <i>American Journal of Human Genetics</i> , 2017, 100, 843-853.	2.6	181
26	Clinical Characterization and Prediction of Clinical Severity of SARS-CoV-2 Infection Among US Adults Using Data From the US National COVID Cohort Collaborative. <i>JAMA Network Open</i> , 2021, 4, e2116901.	2.8	179
27	Finding Our Way through Phenotypes. <i>PLoS Biology</i> , 2015, 13, e1002033.	2.6	178
28	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
29	Deletions of chromosomal regulatory boundaries are associated with congenital disease. <i>Genome Biology</i> , 2014, 15, 423.	3.8	144
30	The Undiagnosed Diseases Network: Accelerating Discovery about Health and Disease. <i>American Journal of Human Genetics</i> , 2017, 100, 185-192.	2.6	142
31	The Zebrafish Information Network: the zebrafish model organism database provides expanded support for genotypes and phenotypes. <i>Nucleic Acids Research</i> , 2007, 36, D768-D772.	6.5	137
32	Characterizing Long COVID: Deep Phenotype of a Complex Condition. <i>EBioMedicine</i> , 2021, 74, 103722.	2.7	127
33	Unification of multi-species vertebrate anatomy ontologies for comparative biology in Uberon. <i>Journal of Biomedical Semantics</i> , 2014, 5, 21.	0.9	121
34	Phenotype ontologies: the bridge between genomics and evolution. <i>Trends in Ecology and Evolution</i> , 2007, 22, 345-350.	4.2	116
35	Reproducible and reusable research: are journal data sharing policies meeting the mark?. <i>PeerJ</i> , 2017, 5, e3208.	0.9	108
36	PhenomeCentral: A Portal for Phenotypic and Genotypic Matchmaking of Patients with Rare Genetic Diseases. <i>Human Mutation</i> , 2015, 36, 931-940.	1.1	107

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37	Associations between HIV infection and clinical spectrum of COVID-19: a population level analysis based on US National COVID Cohort Collaborative (N3C) data. <i>Lancet HIV</i> , 2021, 8, e690-e700.	2.1	106
38	A harmonized meta-knowledgebase of clinical interpretations of somatic genomic variants in cancer. <i>Nature Genetics</i> , 2020, 52, 448-457.	9.4	104
39	Identifying who has long COVID in the USA: a machine learning approach using N3C data. <i>The Lancet Digital Health</i> , 2022, 4, e532-e541.	5.9	104
40	Bedside Back to Bench: Building Bridges between Basic and Clinical Genomic Research. <i>Cell</i> , 2017, 169, 6-12.	13.5	103
41	Developmental Toxicity of the Dithiocarbamate Pesticide Sodium Metam in Zebrafish. <i>Toxicological Sciences</i> , 2004, 81, 390-400.	1.4	102
42	Characteristics, Outcomes, and Severity Risk Factors Associated With SARS-CoV-2 Infection Among Children in the US National COVID Cohort Collaborative. <i>JAMA Network Open</i> , 2022, 5, e2143151.	2.8	102
43	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
44	A Syndromic Neurodevelopmental Disorder Caused by De Novo Variants in EBF3. <i>American Journal of Human Genetics</i> , 2017, 100, 128-137.	2.6	96
45	Long-term use of immunosuppressive medicines and in-hospital COVID-19 outcomes: a retrospective cohort study using data from the National COVID Cohort Collaborative. <i>Lancet Rheumatology</i> , 2022, 4, e33-e41.	2.2	96
46	GA4GH: International policies and standards for data sharing across genomic research and healthcare. <i>Cell Genomics</i> , 2021, 1, 100029.	3.0	94
47	PDX-MI: Minimal Information for Patient-Derived Tumor Xenograft Models. <i>Cancer Research</i> , 2017, 77, e62-e66.	0.4	92
48	CLO: The cell line ontology. <i>Journal of Biomedical Semantics</i> , 2014, 5, 37.	0.9	89
49	Achieving human and machine accessibility of cited data in scholarly publications. <i>PeerJ Computer Science</i> , 2015, 1, e1.	2.7	89
50	Slow degeneration of zebrafish Rohon-Beard neurons during programmed cell death. <i>Developmental Dynamics</i> , 2004, 229, 30-41.	0.8	88
51	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
52	Outcomes of SARS-CoV-2 Infection in Patients With Chronic Liver Disease and Cirrhosis: A National COVID Cohort Collaborative Study. <i>Gastroenterology</i> , 2021, 161, 1487-1501.e5.	0.6	79
53	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
54	The Teleost Anatomy Ontology: Anatomical Representation for the Genomics Age. <i>Systematic Biology</i> , 2010, 59, 369-383.	2.7	76

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55	In VitroPreselection of Gene-Trapped Embryonic Stem Cell Clones for Characterizing Novel Developmentally Regulated Genes in the Mouse. <i>Developmental Biology</i> , 1997, 185, 201-214.	0.9	72
56	IRF2BPL Is Associated with Neurological Phenotypes. <i>American Journal of Human Genetics</i> , 2018, 103, 245-260.	2.6	69
57	An overview of the BioCreative 2012 Workshop Track III: interactive text mining task. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bas056-bas056.	1.4	68
58	Navigating the Phenotype Frontier: The Monarch Initiative. <i>Genetics</i> , 2016, 203, 1491-1495.	1.2	65
59	KG-COVID-19: A Framework to Produce Customized Knowledge Graphs for COVID-19 Response. <i>Patterns</i> , 2021, 2, 100155.	3.1	62
60	A comprehensive iterative approach is highly effective in diagnosing individuals who are exome negative. <i>Genetics in Medicine</i> , 2019, 21, 161-172.	1.1	60
61	Biallelic Mutations in ATP5F1D, which Encodes a Subunit of ATP Synthase, Cause a Metabolic Disorder. <i>American Journal of Human Genetics</i> , 2018, 102, 494-504.	2.6	59
62	Lysosomal Storage and Albinism Due to Effects of a De Novo CLCN7 Variant on Lysosomal Acidification. <i>American Journal of Human Genetics</i> , 2019, 104, 1127-1138.	2.6	59
63	Expanding the Spectrum of BAF-Related Disorders: De Novo Variants in SMARCC2 Cause a Syndrome with Intellectual Disability and Developmental Delay. <i>American Journal of Human Genetics</i> , 2019, 104, 164-178.	2.6	59
64	New models for human disease from the International Mouse Phenotyping Consortium. <i>Mammalian Genome</i> , 2019, 30, 143-150.	1.0	57
65	The Pediatric Cell Atlas: Defining the Growth Phase of Human Development at Single-Cell Resolution. <i>Developmental Cell</i> , 2019, 49, 10-29.	3.1	57
66	Interpretable Clinical Genomics with a Likelihood Ratio Paradigm. <i>American Journal of Human Genetics</i> , 2020, 107, 403-417.	2.6	56
67	The zebrafish anatomy and stage ontologies: representing the anatomy and development of <i>Danio rerio</i> . <i>Journal of Biomedical Semantics</i> , 2014, 5, 12.	0.9	53
68	Dealing with Data: A Case Study on Information and Data Management Literacy. <i>PLoS Biology</i> , 2012, 10, e1001339.	2.6	49
69	Matchmaker Exchange. <i>Current Protocols in Human Genetics</i> , 2017, 95, 9.31.1-9.31.15.	3.5	47
70	The Resource Identification Initiative: A cultural shift in publishing. <i>F1000Research</i> , 2015, 4, 134.	0.8	47
71	Connecting evolutionary morphology to genomics using ontologies: a case study from Cypriniformes including zebrafish. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2007, 308B, 655-668.	0.6	46
72	CARO – The Common Anatomy Reference Ontology. <i>Computational Biology</i> , 2008, , 327-349.	0.1	45

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73	Modelling kidney disease using ontology: insights from the Kidney Precision Medicine Project. <i>Nature Reviews Nephrology</i> , 2020, 16, 686-696.	4.1	45
74	De Novo Variants in WDR37 Are Associated with Epilepsy, Colobomas, Dysmorphism, Developmental Delay, Intellectual Disability, and Cerebellar Hypoplasia. <i>American Journal of Human Genetics</i> , 2019, 105, 413-424.	2.6	43
75	Association Between Glucagon-Like Peptide 1 Receptor Agonist and Sodium-Glucose Cotransporter 2 Inhibitor Use and COVID-19 Outcomes. <i>Diabetes Care</i> , 2021, 44, 1564-1572.	4.3	43
76	The Resource Identification Initiative: A cultural shift in publishing. <i>F1000Research</i> , 2015, 4, 134.	0.8	42
77	Acute Upper Airway Disease in Children With the Omicron (B.1.1.529) Variant of SARS-CoV-2—A Report From the US National COVID Cohort Collaborative. <i>JAMA Pediatrics</i> , 2022, 176, 819.	3.3	41
78	Is authorship sufficient for today's collaborative research? A call for contributor roles. <i>Accountability in Research</i> , 2021, 28, 23-43.	1.6	40
79	A Unified Anatomy Ontology of the Vertebrate Skeletal System. <i>PLoS ONE</i> , 2012, 7, e51070.	1.1	40
80	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
81	Synergies between centralized and federated approaches to data quality: a report from the national COVID cohort collaborative. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 609-618.	2.2	39
82	The GA4GH Phenopacket schema defines a computable representation of clinical data. <i>Nature Biotechnology</i> , 2022, 40, 817-820.	9.4	38
83	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
84	The Resource Identification Initiative: a cultural shift in publishing. <i>Brain and Behavior</i> , 2016, 6, e00417.	1.0	37
85	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
86	Interpretable prioritization of splice variants in diagnostic next-generation sequencing. <i>American Journal of Human Genetics</i> , 2021, 108, 1564-1577.	2.6	36
87	A Recurrent De Novo Variant in NACC1 Causes a Syndrome Characterized by Infantile Epilepsy, Cataracts, and Profound Developmental Delay. <i>American Journal of Human Genetics</i> , 2017, 100, 343-351.	2.6	35
88	Sharing Clinical and Genomic Data on Cancer — The Need for Global Solutions. <i>New England Journal of Medicine</i> , 2017, 376, 2006-2009.	13.9	35
89	An F-domain introduced by alternative splicing regulates activity of the zebrafish thyroid hormone receptor β . <i>General and Comparative Endocrinology</i> , 2008, 155, 176-189.	0.8	34
90	FAIRshake: Toolkit to Evaluate the FAIRness of Research Digital Resources. <i>Cell Systems</i> , 2019, 9, 417-421.	2.9	33

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91	The case for open science: rare diseases. <i>JAMIA Open</i> , 2020, 3, 472-486.	1.0	33
92	Capturing phenotypes for precision medicine. <i>Journal of Physical Education and Sports Management</i> , 2015, 1, a000372.	0.5	32
93	The Resource Identification Initiative: A cultural shift in publishing. <i>Journal of Comparative Neurology</i> , 2016, 524, 8-22.	0.9	32
94	Leukaemia inhibitory factor (LIF) is functionally linked to axotrophin and both LIF and axotrophin are linked to regulatory immune tolerance. <i>FEBS Letters</i> , 2005, 579, 609-614.	1.3	31
95	Research resources: curating the new eagle-i discovery system. <i>Database: the Journal of Biological Databases and Curation</i> , 2012, 2012, bar067-bar067.	1.4	31
96	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
97	The IDeaS initiative: pilot study to assess the impact of rare diseases on patients and healthcare systems. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 429.	1.2	31
98	The Data Use Ontology to streamline responsible access to human biomedical datasets. <i>Cell Genomics</i> , 2021, 1, 100028.	3.0	31
99	Association of Early Aspirin Use With In-Hospital Mortality in Patients With Moderate COVID-19. <i>JAMA Network Open</i> , 2022, 5, e223890.	2.8	31
100	A Census of Disease Ontologies. <i>Annual Review of Biomedical Data Science</i> , 2018, 1, 305-331.	2.8	29
101	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
102	De Novo Pathogenic Variants in N-cadherin Cause a Syndromic Neurodevelopmental Disorder with Corpus Callosum, Axon, Cardiac, Ocular, and Genital Defects. <i>American Journal of Human Genetics</i> , 2019, 105, 854-868.	2.6	29
103	Plain-language medical vocabulary for precision diagnosis. <i>Nature Genetics</i> , 2018, 50, 474-476.	9.4	28
104	Cytoskeletal changes during neurogenesis in cultures of avian neural crest cells. <i>Journal of Neurocytology</i> , 1996, 25, 289-301.	1.6	27
105	Bi-allelic Variants in TONSL Cause SPONASTRIME Dysplasia and a Spectrum of Skeletal Dysplasia Phenotypes. <i>American Journal of Human Genetics</i> , 2019, 104, 422-438.	2.6	27
106	The Resource Identification Initiative: A Cultural Shift in Publishing. <i>Neuroinformatics</i> , 2016, 14, 169-182.	1.5	26
107	Sharing biological data: why, when, and how. <i>FEBS Letters</i> , 2021, 595, 847-863.	1.3	26
108	Clinical interpretation of CNVs with cross-species phenotype data. <i>Journal of Medical Genetics</i> , 2014, 51, 766-772.	1.5	23

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109	Defining Disease, Diagnosis, and Translational Medicine within a Homeostatic Perturbation Paradigm: The National Institutes of Health Undiagnosed Diseases Program Experience. <i>Frontiers in Medicine</i> , 2017, 4, 62.	1.2	23
110	A Simple Standard for Sharing Ontological Mappings (SSSOM). <i>Database: the Journal of Biological Databases and Curation</i> , 2022, 2022, .	1.4	23
111	Laying a Community-Based Foundation for Data-Driven Semantic Standards in Environmental Health Sciences. <i>Environmental Health Perspectives</i> , 2016, 124, 1136-1140.	2.8	21
112	Ten quick tips for biocuration. <i>PLoS Computational Biology</i> , 2019, 15, e1006906.	1.5	21
113	Improved Diagnosis and Care for Rare Diseases through Implementation of Precision Public Health Framework. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1031, 55-94.	0.8	20
114	<i>i>matchbox</i>: An open-source tool for patient matching via the Matchmaker Exchange. <i>Human Mutation</i>, 2018, 39, 1827-1834.</i>	1.1	20
115	Disease insights through cross-species phenotype comparisons. <i>Mammalian Genome</i> , 2015, 26, 548-555.	1.0	19
116	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
117	The health care and life sciences community profile for dataset descriptions. <i>PeerJ</i> , 2016, 4, e2331.	0.9	18
118	ClinGen advancing genomic dataâ€sharing standards as a GA4GH driver project. <i>Human Mutation</i> , 2018, 39, 1686-1689.	1.1	15
119	The landscape of nutri-informatics: a review of current resources and challenges for integrative nutrition research. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .	1.4	15
120	Risk of newâ€onset psychiatric sequelae of <scp>COVID</scp>â€19 in the early and late postâ€acute phase. <i>World Psychiatry</i> , 2022, 21, 319-320.	4.8	15
121	Summarizing and visualizing structural changes during the evolution of biomedical ontologies using a Diff Abstraction Network. <i>Journal of Biomedical Informatics</i> , 2015, 56, 127-144.	2.5	14
122	Enabling Global Clinical Collaborations on Identifiable Patient Data: The Minerva Initiative. <i>Frontiers in Genetics</i> , 2019, 10, 611.	1.1	14
123	The Sickle Cell Disease Ontology: enabling universal sickle cell-based knowledge representation. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	1.4	14
124	Ontologies, Knowledge Representation, and Machine Learning for Translational Research: Recent Contributions. <i>Yearbook of Medical Informatics</i> , 2020, 29, 159-162.	0.8	14
125	Ontology based molecular signatures for immune cell types via gene expression analysis. <i>BMC Bioinformatics</i> , 2013, 14, 263.	1.2	13
126	The Porifera Ontology (PORO): enhancing sponge systematics with an anatomy ontology. <i>Journal of Biomedical Semantics</i> , 2014, 5, 39.	0.9	12

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127	Transforming the study of organisms: Phenomic data models and knowledge bases. PLoS Computational Biology, 2020, 16, e1008376.	1.5	12
128	A phenome-wide association study of 26 mendelian genes reveals phenotypic expressivity of common and rare variants within the general population. PLoS Genetics, 2020, 16, e1008802.	1.5	12
129	Uberon: towards a comprehensive multi-species anatomy ontology. Nature Precedings, 2009, , .	0.1	11
130	OpenVIVO: Transparency in Scholarship. Frontiers in Research Metrics and Analytics, 2018, 2, .	0.9	11
131	The Global academic research organization network: Data sharing to cure diseases and enable learning health systems. Learning Health Systems, 2019, 3, e10073.	1.1	11
132	Community Approaches for Integrating Environmental Exposures into Human Models of Disease. Environmental Health Perspectives, 2020, 128, 125002.	2.8	11
133	Harmonizing units and values of quantitative data elements in a very large nationally pooled electronic health record (EHR) dataset. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1172-1182.	2.2	11
134	Lumping versus splitting: How to approach defining a disease to enable accurate genomic curation. Cell Genomics, 2022, 2, 100131.	3.0	11
135	An analysis and metric of reusable data licensing practices for biomedical resources. PLoS ONE, 2019, 14, e0213090.	1.1	10
136	The influence of disease categories on gene candidate predictions from model organism phenotypes. Journal of Biomedical Semantics, 2014, 5, S4.	0.9	9
137	Association Between COVID-19 and Mortality in Hip Fracture Surgery in the National COVID Cohort Collaborative (N3C): A Retrospective Cohort Study. Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews, 2022, 6, .	0.4	9
138	Thematic series on biomedical ontologies in JBMS: challenges and new directions. Journal of Biomedical Semantics, 2014, 5, 15.	0.9	8
139	Sleep and circadian informatics data harmonization: a workshop report from the Sleep Research Society and Sleep Research Network. Sleep, 2022, 45, .	0.6	8
140	Data-driven method to enhance craniofacial and oral phenotype vocabularies. Journal of the American Dental Association, 2019, 150, 933-939.e2.	0.7	7
141	The Hearing Impairment Ontology: A Tool for Unifying Hearing Impairment Knowledge to Enhance Collaborative Research. Genes, 2019, 10, 960.	1.0	6
142	From Reductionism to Reintegration: Solving society's most pressing problems requires building bridges between data types across the life sciences. PLoS Biology, 2021, 19, e3001129.	2.6	6
143	One is the loneliest number: genotypic matchmaking using the electronic health record. Genetics in Medicine, 2021, 23, 1830-1832.	1.1	6
144	An ontology-based method for secondary use of electronic dental record data. AMIA Summits on Translational Science Proceedings, 2013, 2013, 234-8.	0.4	6

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145	Representing glycophenotypes: semantic unification of glycobiology resources for disease discovery. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	5
146	Muscle Logic: New Knowledge Resource for Anatomy Enables Comprehensive Searches of the Literature on the Feeding Muscles of Mammals. PLoS ONE, 2016, 11, e0149102.	1.1	5
147	Reproducibility and conflicts in immune epitope data. Immunology, 2016, 147, 349-354.	2.0	4
148	Gold-standard ontology-based anatomical annotation in the CRAFT Corpus. Database: the Journal of Biological Databases and Curation, 2017, 2017, .	1.4	4
149	Structuring, reuse and analysis of electronic dental data using the Oral Health and Disease Ontology. Journal of Biomedical Semantics, 2020, 11, 8.	0.9	4
150	Underrepresentation of Phenotypic Variability of 16p13.11 Microduplication Syndrome Assessed With an Online Self-Phenotyping Tool (Phenotypr): Cohort Study. Journal of Medical Internet Research, 2021, 23, e21023.	2.1	4
151	Ankle Fracture and Length of Stay in US Adult Population Using Data From the National COVID Cohort Collaborative. Foot & Ankle Orthopaedics, 2022, 7, 24730114221077282.	0.1	4
152	Implementation of Zebrafish Ontologies for Toxicology Screening. Frontiers in Toxicology, 2022, 4, 817999.	1.6	4
153	The Clinical Variant Analysis Tool: Analyzing the evidence supporting reported genomic variation in clinical practice. Genetics in Medicine, 2022, 24, 1512-1522.	1.1	4
154	Distributed Cognition and Process Management Enabling Individualized Translational Research: The NIH Undiagnosed Diseases Program Experience. Frontiers in Medicine, 2016, 3, 39.	1.2	3
155	Gene Trapping in Embryonic Stem Cells In Vitro to Identify Novel Developmentally Regulated Genes in the Mouse. , 2000, 136, 297-307.		2
156	Ensuring a safe(r) harbor: Excising personally identifiable information from structured electronic health record data. Journal of Clinical and Translational Science, 2022, 6, e10.	0.3	2
157	Lost and Found in Behavioral Informatics. International Review of Neurobiology, 2012, 103, 1-18.	0.9	1
158	What is an anatomy ontology?. Anatomical Record, 2013, 296, 1797-1799.	0.8	1
159	Modularization for the Cell Ontology. Nature Precedings, 0, , .	0.1	1
160	eagle-i: An Ontology-Driven Framework For Biomedical Resource Curation And Discovery. Nature Precedings, 2010, , .	0.1	0
161	Modularization for the Cell Ontology. Nature Precedings, 2011, , .	0.1	0
162	Preface. International Review of Neurobiology, 2012, 103, xi-xii.	0.9	0

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163	Use of animal models for exome prioritization of rare disease genes. Orphanet Journal of Rare Diseases, 2014, 9, O19.	1.2	0
164	INNOVATIVE APPROACHES TO COMBINING GENOTYPE, PHENOTYPE, EPIGENETIC, AND EXPOSURE DATA FOR PRECISION DIAGNOSTICS. , 2016, , .		0
165	Tools for exploring mouse models of human disease. Drug Discovery Today: Disease Models, 2016, 20, 21-26.	1.2	0
166	Computing on the anatomical form for disease discovery (338.1). FASEB Journal, 2014, 28, 338.1.	0.2	0
167	Dealing with Data: A Case Study on Information and Data Management Literacy. , 2016, , 3-12.		0
168	Title is missing!. , 2020, 16, e1008802.		0
169	Title is missing!. , 2020, 16, e1008802.		0
170	Title is missing!. , 2020, 16, e1008802.		0
171	Title is missing!. , 2020, 16, e1008802.		0
172	Title is missing!. , 2020, 16, e1008802.		0
173	Title is missing!. , 2020, 16, e1008802.		0