

Nicole A Vasilevsky

List of Publications by Year in descending order

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46
papers

4,415
citations

236925

25
h-index

243625

44
g-index

59
all docs

59
docs citations

59
times ranked

8484
citing authors

#	ARTICLE	IF	CITATIONS
1	The Human Phenotype Ontology in 2017. <i>Nucleic Acids Research</i> , 2017, 45, D865-D876.	14.5	699
2	The Human Phenotype Ontology in 2021. <i>Nucleic Acids Research</i> , 2021, 49, D1207-D1217.	14.5	652
3	Expansion of the Human Phenotype Ontology (HPO) knowledge base and resources. <i>Nucleic Acids Research</i> , 2019, 47, D1018-D1027.	14.5	539
4	The Monarch Initiative: an integrative data and analytic platform connecting phenotypes to genotypes across species. <i>Nucleic Acids Research</i> , 2017, 45, D712-D722.	14.5	306
5	On the reproducibility of science: unique identification of research resources in the biomedical literature. <i>PeerJ</i> , 2013, 1, e148.	2.0	216
6	How many rare diseases are there?. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 77-78.	46.4	204
7	The Human Phenotype Ontology: Semantic Unification of Common and Rare Disease. <i>American Journal of Human Genetics</i> , 2015, 97, 111-124.	6.2	203
8	The Cell Ontology 2016: enhanced content, modularization, and ontology interoperability. <i>Journal of Biomedical Semantics</i> , 2016, 7, 44.	1.6	201
9	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.	14.5	178
10	Characterizing Long COVID: Deep Phenotype of a Complex Condition. <i>EBioMedicine</i> , 2021, 74, 103722.	6.1	127
11	Reproducible and reusable research: are journal data sharing policies meeting the mark?. <i>PeerJ</i> , 2017, 5, e3208.	2.0	108
12	Computational evaluation of exome sequence data using human and model organism phenotypes improves diagnostic efficiency. <i>Genetics in Medicine</i> , 2016, 18, 608-617.	2.4	85
13	OBO Foundry in 2021: operationalizing open data principles to evaluate ontologies. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .	3.0	77
14	Navigating the Phenotype Frontier: The Monarch Initiative. <i>Genetics</i> , 2016, 203, 1491-1495.	2.9	65
15	Dealing with Data: A Case Study on Information and Data Management Literacy. <i>PLoS Biology</i> , 2012, 10, e1001339.	5.6	49
16	The Resource Identification Initiative: A cultural shift in publishing. <i>F1000Research</i> , 2015, 4, 134.	1.6	47
17	The Resource Identification Initiative: A cultural shift in publishing. <i>F1000Research</i> , 2015, 4, 134.	1.6	42
18	Is authorship sufficient for today's collaborative research? A call for contributor roles. <i>Accountability in Research</i> , 2021, 28, 23-43.	2.4	40

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19	Semantic integration of clinical laboratory tests from electronic health records for deep phenotyping and biomarker discovery. <i>Npj Digital Medicine</i> , 2019, 2, .	10.9	39
20	The GA4GH Phenopacket schema defines a computable representation of clinical data. <i>Nature Biotechnology</i> , 2022, 40, 817-820.	17.5	38
21	The Resource Identification Initiative: a cultural shift in publishing. <i>Brain and Behavior</i> , 2016, 6, e00417.	2.2	37
22	Overview of the interactive task in BioCreative V. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw119.	3.0	36
23	Effect of impact factor and discipline on journal data sharing policies. <i>Accountability in Research</i> , 2019, 26, 139-156.	2.4	34
24	The Resource Identification Initiative: A cultural shift in publishing. <i>Journal of Comparative Neurology</i> , 2016, 524, 8-22.	1.6	32
25	Research resources: curating the new eagle-i discovery system. Database: the Journal of Biological Databases and Curation, 2012, 2012, bar067-bar067.	3.0	31
26	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
27	Plain-language medical vocabulary for precision diagnosis. <i>Nature Genetics</i> , 2018, 50, 474-476.	21.4	28
28	Guidelines for reporting single-cell RNA-seq experiments. <i>Nature Biotechnology</i> , 2020, 38, 1384-1386.	17.5	27
29	The Resource Identification Initiative: A Cultural Shift in Publishing. <i>Neuroinformatics</i> , 2016, 14, 169-182.	2.8	26
30	A Simple Standard for Sharing Ontological Mappings (SSSOM). Database: the Journal of Biological Databases and Curation, 2022, 2022, .	3.0	23
31	Significantly different clinical phenotypes associated with mutations in synthesis and transamidase+remodeling glycosylphosphatidylinositol (GPI)-anchor biosynthesis genes. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 40.	2.7	21
32	Disease insights through cross-species phenotype comparisons. <i>Mammalian Genome</i> , 2015, 26, 548-555.	2.2	19
33	The landscape of nutri-informatics: a review of current resources and challenges for integrative nutrition research. Database: the Journal of Biological Databases and Curation, 2021, 2021, .	3.0	15
34	OX40 engagement stabilizes Mxd4 and Mnt protein levels in antigen-stimulated T cells leading to an increase in cell survival. <i>European Journal of Immunology</i> , 2011, 41, 1024-1034.	2.9	14
35	The Sickle Cell Disease Ontology: enabling universal sickle cell-based knowledge representation. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	14
36	Ontology based molecular signatures for immune cell types via gene expression analysis. <i>BMC Bioinformatics</i> , 2013, 14, 263.	2.6	13

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37	Community Approaches for Integrating Environmental Exposures into Human Models of Disease. <i>Environmental Health Perspectives</i> , 2020, 128, 125002.	6.0	11
38	Registered report: A chromatin-mediated reversible drug-tolerant state in cancer cell subpopulations. <i>ELife</i> , 2016, 5, .	6.0	11
39	The First National Institutes of Health Institutional Training Program in Emergency Care Research: Productivity and Outcomes. <i>Annals of Emergency Medicine</i> , 2018, 72, 679-690.	0.6	10
40	The Hearing Impairment Ontology: A Tool for Unifying Hearing Impairment Knowledge to Enhance Collaborative Research. <i>Genes</i> , 2019, 10, 960.	2.4	6
41	Representing glycophenotypes: semantic unification of glycobiology resources for disease discovery. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	5
42	Reproducibility and conflicts in immune epitope data. <i>Immunology</i> , 2016, 147, 349-354.	4.4	4
43	Gold-standard ontology-based anatomical annotation in the CRAFT Corpus. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	3.0	4
44	Curriculum Development of a Research Laboratory Methodology Course for Complementary and Integrative Medicine Students. <i>Medical Science Educator</i> , 2015, 25, 171-175.	1.5	2
45	Identifying research resources in biomedical literature should be easy. <i>Frontiers in Neuroinformatics</i> , 0, 8, .	2.5	1
46	Conference report: Biocuration 2021 Virtual Conference. <i>Database: the Journal of Biological Databases and Curation</i> , 2022, 2022, .	3.0	1