

# Suzanna E Lewis

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

41,083  
citations

218381

26  
h-index

525886

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

62423  
citing authors

#	ARTICLE	IF	CITATIONS
1	OBO Foundry in 2021: operationalizing open data principles to evaluate ontologies. Database: the Journal of Biological Databases and Curation, 2021, 2021, .	1.4	77
2	The Monarch Initiative in 2019: an integrative data and analytic platform connecting phenotypes to genotypes across species. Nucleic Acids Research, 2020, 48, D704-D715.	6.5	178
3	Gene Ontology Causal Activity Modeling (GO-CAM) moves beyond GO annotations to structured descriptions of biological functions and systems. Nature Genetics, 2019, 51, 1429-1433.	9.4	76
4	Apollo: Democratizing genome annotation. PLoS Computational Biology, 2019, 15, e1006790.	1.5	179
5	Gearing up to handle the mosaic nature of life in the quest for orthologs. Bioinformatics, 2018, 34, 323-329.	1.8	36
6	Model organism data evolving in support of translational medicine. Lab Animal, 2018, 47, 277-289.	0.2	35
7	The Monarch Initiative: an integrative data and analytic platform connecting phenotypes to genotypes across species. Nucleic Acids Research, 2017, 45, D712-D722.	6.5	306
8	Best practice data life cycle approaches for the life sciences. F1000Research, 2017, 6, 1618.	0.8	21
9	The environment ontology in 2016: bridging domains with increased scope, semantic density, and interoperation. Journal of Biomedical Semantics, 2016, 7, 57.	0.9	173
10	A Whole-Genome Analysis Framework for Effective Identification of Pathogenic Regulatory Variants in Mendelian Disease. American Journal of Human Genetics, 2016, 99, 595-606.	2.6	223
11	Navigating the Phenotype Frontier: The Monarch Initiative. Genetics, 2016, 203, 1491-1495.	1.2	65
12	Use of Model Organism and Disease Databases to Support Matchmaking for Human Disease Gene Discovery. Human Mutation, 2015, 36, 979-984.	1.1	36
13	The Confidence Information Ontology: a step towards a standard for asserting confidence in annotations. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav043-bav043.	1.4	37
14	The Human Phenotype Ontology: Semantic Unification of Common and Rare Disease. American Journal of Human Genetics, 2015, 97, 111-124.	2.6	203
15	Improved exome prioritization of disease genes through cross-species phenotype comparison. Genome Research, 2014, 24, 340-348.	2.4	300
16	Effective diagnosis of genetic disease by computational phenotype analysis of the disease-associated genome. Science Translational Medicine, 2014, 6, 252ra123.	5.8	223
17	Standardized description of scientific evidence using the Evidence Ontology (ECO). Database: the Journal of Biological Databases and Curation, 2014, 2014, bau075-bau075.	1.4	95
18	The Human Phenotype Ontology project: linking molecular biology and disease through phenotype data. Nucleic Acids Research, 2014, 42, D966-D974.	6.5	698

#	ARTICLE	IF	CITATIONS
19	Unification of multi-species vertebrate anatomy ontologies for comparative biology in Uberon. <i>Journal of Biomedical Semantics</i> , 2014, 5, 21.	0.9	121
20	Web Apollo: a web-based genomic annotation editing platform. <i>Genome Biology</i> , 2013, 14, R93.	13.9	329
21	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
22	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
23	Uberon, an integrative multi-species anatomy ontology. <i>Genome Biology</i> , 2012, 13, R5.	13.9	545
24	Integrating phenotype ontologies across multiple species. <i>Genome Biology</i> , 2010, 11, R2.	13.9	232
25	Linking Human Diseases to Animal Models Using Ontology-Based Phenotype Annotation. <i>PLoS Biology</i> , 2009, 7, e1000247.	2.6	247
26	The OBO Foundry: coordinated evolution of ontologies to support biomedical data integration. <i>Nature Biotechnology</i> , 2007, 25, 1251-1255.	9.4	1,955
27	Gene Ontology: tool for the unification of biology. <i>Nature Genetics</i> , 2000, 25, 25-29.	9.4	34,499