

# Peter E Midford

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/723636/publications.pdf>

Version: 2024-02-01

29  
papers

5,906  
citations

304743

22  
h-index

552781

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

9429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating a Binary Character's Effect on Speciation and Extinction. <i>Systematic Biology</i> , 2007, 56, 701-710.	5.6	933
2	The MetaCyc database of metabolic pathways and enzymes. <i>Nucleic Acids Research</i> , 2018, 46, D633-D639.	14.5	658
3	The MetaCyc database of metabolic pathways and enzymes - a 2019 update. <i>Nucleic Acids Research</i> , 2020, 48, D445-D453.	14.5	606
4	Synthesis of phylogeny and taxonomy into a comprehensive tree of life. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12764-12769.	7.1	584
5	The BioCyc collection of microbial genomes and metabolic pathways. <i>Briefings in Bioinformatics</i> , 2019, 20, 1085-1093.	6.5	582
6	An Introduction to Phylogenetically Based Statistical Methods, with a New Method for Confidence Intervals on Ancestral Values. <i>American Zoologist</i> , 1999, 39, 374-388.	0.7	540
7	Within-Species Variation and Measurement Error in Phylogenetic Comparative Methods. <i>Systematic Biology</i> , 2007, 56, 252-270.	5.6	398
8	Exploring power and parameter estimation of the BiSSE method for analyzing species diversification. <i>BMC Evolutionary Biology</i> , 2013, 13, 38.	3.2	232
9	Finding Our Way through Phenotypes. <i>PLoS Biology</i> , 2015, 13, e1002033.	5.6	178
10	Pathway size matters: the influence of pathway granularity on over-representation (enrichment) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.8	158
11	Patterns in root traits of woody species hosting arbuscular and ectomycorrhizas: implications for the evolution of belowground strategies. <i>Ecology and Evolution</i> , 2014, 4, 2979-2990.	1.9	134
12	Pathway Tools version 23.0 update: software for pathway/genome informatics and systems biology. <i>Briefings in Bioinformatics</i> , 2021, 22, 109-126.	6.5	117
13	Semantics in Support of Biodiversity Knowledge Discovery: An Introduction to the Biological Collections Ontology and Related Ontologies. <i>PLoS ONE</i> , 2014, 9, e89606.	2.5	111
14	NeXML: Rich, Extensible, and Verifiable Representation of Comparative Data and Metadata. <i>Systematic Biology</i> , 2012, 61, 675-689.	5.6	90
15	Linking of Digital Images to Phylogenetic Data Matrices Using a Morphological Ontology. <i>Systematic Biology</i> , 2007, 56, 283-294.	5.6	84
16	Evolutionary Characters, Phenotypes and Ontologies: Curating Data from the Systematic Biology Literature. <i>PLoS ONE</i> , 2010, 5, e10708.	2.5	83
17	Phenex: Ontological Annotation of Phenotypic Diversity. <i>PLoS ONE</i> , 2010, 5, e10500.	2.5	78
18	The Teleost Anatomy Ontology: Anatomical Representation for the Genomics Age. <i>Systematic Biology</i> , 2010, 59, 369-383.	5.6	76

#	ARTICLE	IF	CITATIONS
19	The EcoCyc Database. <i>EcoSal Plus</i> , 2018, 8, .	5.4	75
20	Social learning of a novel foraging patch in families of free-living Florida scrub-jays. <i>Animal Behaviour</i> , 2000, 59, 1199-1207.	1.9	58
21	500,000 fish phenotypes: The new informatics landscape for evolutionary and developmental biology of the vertebrate skeleton. <i>Journal of Applied Ichthyology</i> , 2012, 28, 300-305.	0.7	52
22	Cultural transmission is more than cultural learning. <i>Behavioral and Brain Sciences</i> , 1993, 16, 529-530.	0.7	43
23	Emerging semantics to link phenotype and environment. <i>PeerJ</i> , 2015, 3, e1470.	2.0	15
24	Ontologies for Behavior. <i>Bioinformatics</i> , 2004, 20, 3700-3701.	4.1	13
25	Using Pathway Covering to Explore Connections among Metabolites. <i>Metabolites</i> , 2019, 9, 88.	2.9	3
26	High-level social learning in apes: Imitation or observation-assisted planning?. <i>Behavioral and Brain Sciences</i> , 1998, 21, 698-699.	0.7	2
27	Robots aren't the only physical models. <i>Behavioral and Brain Sciences</i> , 2001, 24, 1069-1070.	0.7	0
28	Phenex: Ontological Annotation of Phenotypic Diversity. <i>Nature Precedings</i> , 2009, , .	0.1	0
29	Phylontal: Using Phylogenies to Align Phenotype Ontologies. <i>Nature Precedings</i> , 2010, , .	0.1	0