

Petra Fey

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

4,945
citations

26
h-index

51
g-index

51
ext. papers

5,608
ext. citations

9.9
avg, IF

5.82
L-index

#	Paper	IF	Citations
50	The genome of the social amoeba <i>Dictyostelium discoideum</i> . <i>Nature</i> , 2005 , 435, 43-57	50.4	1042
49	The Gene Ontology (GO) project in 2006. <i>Nucleic Acids Research</i> , 2006 , 34, D322-6	20.1	794
48	The Gene Ontology project in 2008. <i>Nucleic Acids Research</i> , 2008 , 36, D440-4	20.1	564
47	Big data: The future of biocuration. <i>Nature</i> , 2008 , 455, 47-50	50.4	527
46	Protocols for growth and development of <i>Dictyostelium discoideum</i> . <i>Nature Protocols</i> , 2007 , 2, 1307-16	18.8	155
45	The Gene Ontology & Reference Genome Project: a unified framework for functional annotation across species. <i>PLoS Computational Biology</i> , 2009 , 5, e1000431	5	134
44	The dictyostelium kinome--analysis of the protein kinases from a simple model organism. <i>PLoS Genetics</i> , 2006 , 2, e38	6	127
43	RNAcentral: a comprehensive database of non-coding RNA sequences. <i>Nucleic Acids Research</i> , 2017 , 45, D128-D134	20.1	119
42	Comparative genomics of the social amoebae <i>Dictyostelium discoideum</i> and <i>Dictyostelium purpureum</i> . <i>Genome Biology</i> , 2011 , 12, R20	18.3	117
41	Molecular cloning, expression, and chromosomal localization of two isoforms of the AE3 anion exchanger from human heart. <i>Circulation Research</i> , 1994 , 75, 603-14	15.7	104
40	One stop shop for everything <i>Dictyostelium</i> : dictyBase and the Dicty Stock Center in 2012. <i>Methods in Molecular Biology</i> , 2013 , 983, 59-92	1.4	91
39	SadA, a novel adhesion receptor in <i>Dictyostelium</i> . <i>Journal of Cell Biology</i> , 2002 , 159, 1109-19	7.3	91
38	RNAcentral: a hub of information for non-coding RNA sequences. <i>Nucleic Acids Research</i> , 2019 , 47, D221-D229	20.1	90
37	dictyBase, the model organism database for <i>Dictyostelium discoideum</i> . <i>Nucleic Acids Research</i> , 2006 , 34, D423-7	20.1	89
36	Transformation of <i>Dictyostelium discoideum</i> with plasmid DNA. <i>Nature Protocols</i> , 2007 , 2, 1317-24	18.8	87
35	DictyBase 2013: integrating multiple Dictyostelid species. <i>Nucleic Acids Research</i> , 2013 , 41, D676-83	20.1	77
34	Human peripheral blood gamma delta T cells respond to antigens of <i>Plasmodium falciparum</i> . <i>International Immunology</i> , 1992 , 4, 33-41	4.9	76

33	dictyBase: a new Dictyostelium discoideum genome database. <i>Nucleic Acids Research</i> , 2004 , 32, D332-3	20.1	72
32	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	20.1	68
31	dictyBase--a Dictyostelium bioinformatics resource update. <i>Nucleic Acids Research</i> , 2009 , 37, D515-9	20.1	64
30	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	5	60
29	dictyBase update 2011: web 2.0 functionality and the initial steps towards a genome portal for the Amoebozoa. <i>Nucleic Acids Research</i> , 2011 , 39, D620-4	20.1	36
28	Green fluorescent protein production in the cellular slime molds <i>Polysphondylium pallidum</i> and <i>Dictyostelium discoideum</i> . <i>Gene</i> , 1995 , 165, 127-30	3.8	33
27	An anatomy ontology to represent biological knowledge in <i>Dictyostelium discoideum</i> . <i>BMC Genomics</i> , 2008 , 9, 130	4.5	32
26	Text mining in the biocuration workflow: applications for literature curation at WormBase, dictyBase and TAIR. <i>Database: the Journal of Biological Databases and Curation</i> , 2012 , 2012, bas040	5	31
25	The actinome of <i>Dictyostelium discoideum</i> in comparison to actins and actin-related proteins from other organisms. <i>PLoS ONE</i> , 2008 , 3, e2654	3.7	27
24	Phosphorylation of the myosin regulatory light chain plays a role in motility and polarity during <i>Dictyostelium</i> chemotaxis. <i>Journal of Cell Science</i> , 2002 , 115, 1733-47	5.3	26
23	dictyBase 2015: Expanding data and annotations in a new software environment. <i>Genesis</i> , 2015 , 53, 523-534	5.4	23
22	A tripeptidyl peptidase 1 is a binding partner of the Golgi pH regulator (GPHR) in. <i>DMM Disease Models and Mechanisms</i> , 2017 , 10, 897-907	4.1	18
21	A reliable general purpose method for extracting genomic DNA from <i>Dictyostelium</i> cells. <i>Nature Protocols</i> , 2007 , 2, 1325-8	18.8	16
20	Development in one dimension: the rapid differentiation of <i>Dictyostelium discoideum</i> in glass capillaries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 8249-53	11.5	16
19	The Elmo family forms an ancient group of actin-regulating proteins. <i>Communicative and Integrative Biology</i> , 2009 , 2, 337-40	1.7	14
18	dictyBase and the Dicty Stock Center. <i>Methods in Molecular Biology</i> , 2006 , 346, 51-74	1.4	14
17	Annotation of gene product function from high-throughput studies using the Gene Ontology. <i>Database: the Journal of Biological Databases and Curation</i> , 2019 , 2019,	5	13
16	<i>Dictyostelium discoideum</i> : The Social Ameba. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.emo109	1.2	13

15	Molecular motors and membrane traffic in Dictyostelium. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2001 , 1525, 234-44	4	12
14	Gene trapping with GFP: the isolation of developmental mutants in the slime mold Polysphondylium. <i>Current Biology</i> , 1997 , 7, 909-12	6.3	10
13	A general purpose method for extracting RNA from Dictyostelium cells. <i>Nature Protocols</i> , 2007 , 2, 1329-38.8	9	
12	Spliceosomal genes in the D. discoideum genome: a comparison with those in H. sapiens, D. melanogaster, A. thaliana and S. cerevisiae. <i>Protein and Cell</i> , 2011 , 2, 395-409	7.2	7
11	Growth and maintenance of dictyostelium cells. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.prot5099	1.2	7
10	Multicellular development of dictyostelium. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.prot5100	1.2	6
9	Cortexillin I is required for development in Polysphondylium. <i>Developmental Biology</i> , 1999 , 212, 414-24	3.1	6
8	dictyBase and the Dicty Stock Center (version 2.0) - a progress report. <i>International Journal of Developmental Biology</i> , 2019 , 63, 563-572	1.9	6
7	Making permanent stocks of dictyostelium. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.prot5101	1.2	5
6	Transformation of dictyostelium with plasmid DNA by electroporation. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.prot5103	1.2	4
5	Selection of dictyostelium transformants. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.prot5104	1.2	3
4	Transformation of dictyostelium with plasmid DNA by calcium phosphate precipitation. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.prot5102	1.2	3
3	Expression of prestalk and prespore proteins in minute, two-dimensional Dictyostelium slugs. <i>Mechanisms of Development</i> , 1999 , 88, 253-4	1.7	3
2	Extraction of DNA from dictyostelium. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.prot5105	1.2	2
1	Extraction of RNA from dictyostelium. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.prot5106	1.2	2