Petra Fey

List of Publications by Year
in descending order

51 papers	6,075 citations	201658 27 h-index	197805 49 g-index
51 all docs	51 docs citations	51 times ranked	8658 citing authors

#	Article	IF	Citations
1	The genome of the social amoeba Dictyostelium discoideum. Nature, 2005, 435, 43-57.	27.8	1,179
2	The Gene Ontology (GO) project in 2006. Nucleic Acids Research, 2006, 34, D322-D326.	14.5	923
3	The Gene Ontology project in 2008. Nucleic Acids Research, 2008, 36, D440-D444.	14.5	699
4	The future of biocuration. Nature, 2008, 455, 47-50.	27.8	648
5	Protocols for growth and development of Dictyostelium discoideum. Nature Protocols, 2007, 2, 1307-1316.	12.0	197
6	The Monarch Initiative in 2019: an integrative data and analytic platform connecting phenotypes to genotypes across species. Nucleic Acids Research, 2020, 48, D704-D715.	14.5	178
7	RNAcentral: a comprehensive database of non-coding RNA sequences. Nucleic Acids Research, 2017, 45, D128-D134.	14.5	174
8	RNAcentral: a hub of information for non-coding RNA sequences. Nucleic Acids Research, 2019, 47, D221-D229.	14.5	153
9	One Stop Shop for Everything Dictyostelium: dictyBase and the Dicty Stock Center in 2012. Methods in Molecular Biology, 2013, 983, 59-92.	0.9	151
10	The Dictyostelium Kinome—Analysis of the Protein Kinases from a Simple Model Organism. PLoS Genetics, 2006, 2, e38.	3.5	150
11	The Gene Ontology's Reference Genome Project: A Unified Framework for Functional Annotation across Species. PLoS Computational Biology, 2009, 5, e1000431.	3.2	148
12	Comparative genomics of the social amoebae Dictyostelium discoideum and Dictyostelium purpureum. Genome Biology, 2011, 12, R20.	9.6	141
13	Molecular cloning, expression, and chromosomal localization of two isoforms of the AE3 anion exchanger from human heart.. Circulation Research, 1994, 75, 603-614.	4.5	110
14	dictyBase 2013: integrating multiple Dictyostelid species. Nucleic Acids Research, 2012, 41, D676-D683.	14.5	107
15	SadA, a novel adhesion receptor in Dictyostelium. Journal of Cell Biology, 2002, 159, 1109-1119.	5.2	103
16	Transformation of Dictyostelium discoideum with plasmid DNA. Nature Protocols, 2007, 2, 1317-1324.	12.0	102
17	dictyBase, the model organism database for Dictyostelium discoideum. Nucleic Acids Research, 2006, 34, D423-D427.	14.5	101
18	dictyBase: a new Dictyostelium discoideum genome database. Nucleic Acids Research, 2004, 32, 332D-333.	14.5	98

#	Article	IF	Citations
19	Human peripheral blood Î³Î´ T cells respond to antigens of Plasmodium falciparum. International Immunology, 1992, 4, 33-41.	4.0	90
20	dictyBaseâ€"a Dictyostelium bioinformatics resource update. Nucleic Acids Research, 2009, 37, D515-D519.	14.5	71
21	An overview of the BioCreative 2012 Workshop Track III: interactive text mining task. Database: the Journal of Biological Databases and Curation, 2013, 2013, bas056-bas056.	3.0	68
22	An anatomy ontology to represent biological knowledge in Dictyostelium discoideum. BMC Genomics, 2008, 9, 130.	2.8	39
23	dictyBase update 2011: web 2.0 functionality and the initial steps towards a genome portal for the Amoebozoa. Nucleic Acids Research, 2011, 39, D620-D624.	14.5	39
24	Green fluorescent protein production in the cellular slime molds Polysphondylium pallidum and Dictyostelium discoideum. Gene, 1995, 165, 127-130.	2.2	37
25	Text mining in the biocuration workflow: applications for literature curation at WormBase, dictyBase and TAIR. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas040-bas040.	3.0	35
26	The Actinome of Dictyostelium discoideum in Comparison to Actins and Actin-Related Proteins from Other Organisms. PLoS ONE, 2008, 3, e2654.	2.5	30
27	Phosphorylation of the myosin regulatory light chain plays a role in motility and polarity during Dictyostelium chemotaxis. Journal of Cell Science, 2002, 115, 1733-47.	2.0	30
28	dicty<scp>B</scp>ase 2015: Expanding data and annotations in a new software environment. Genesis, 2015, 53, 523-534.	1.6	29
29	A Tripeptidyl peptidase 1 is a binding partner of GPHR (Golgi pH regulator) in <i>Dictyostelium</i>. DMM Disease Models and Mechanisms, 2017, 10, 897-907.	2.4	22
30	Annotation of gene product function from high-throughput studies using the Gene Ontology. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	21
31	Development in one dimension: the rapid differentiation of Dictyostelium discoideum in glass capillaries.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 8249-8253.	7.1	20
32	dictyBase and the Dicty Stock Center (version 2.0) - a progress report. International Journal of Developmental Biology, 2019, 63, 563-572.	0.6	20
33	A reliable general purpose method for extracting genomic DNA from Dictyostelium cells. Nature Protocols, 2007, 2, 1325-1328.	12.0	18
34	Molecular motors and membrane traffic in Dictyostelium. Biochimica Et Biophysica Acta - General Subjects, 2001, 1525, 234-244.	2.4	17
35	dictyBase and the Dicty Stock Center. , 2006, 346, 51-74.		17
36	The Elmo family forms an ancient group of actin-regulating proteins. Communicative and Integrative Biology, 2009, 2, 337-340.	1.4	16

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37	Gene trapping with GFP: the isolation of developmental mutants in the slime mold Polysphondylium. Current Biology, 1997, 7, 909-912.	3.9	15
38	*Dictyostelium discoideum*: The Social Ameba. Cold Spring Harbor Protocols, 2008, 2008, pdb.emo109.	0.3	14
39	A general purpose method for extracting RNA from Dictyostelium cells. Nature Protocols, 2007, 2, 1329-1332.	12.0	11
40	Spliceosomal genes in the D. discoideum genome: a comparison with those in H. sapiens, D. melanogaster, A. thaliana and S. cerevisiae. Protein and Cell, 2011, 2, 395-409.	11.0	8
41	Cortexillin I Is Required for Development in Polysphondylium. Developmental Biology, 1999, 212, 414-424.	2.0	7
42	Growth and Maintenance of *Dictyostelium* Cells. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5099.	0.3	7
43	Multicellular Development of Dictyostelium. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5100-pdb.prot5100.	0.3	6
44	Transformation of Dictyostelium with Plasmid DNA by Electroporation. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5103-pdb.prot5103.	0.3	6
45	Expression of prestalk and prespore proteins in minute, two-dimensional Dictyostelium slugs. Mechanisms of Development, 1999, 88, 253-254.	1.7	5
46	Making Permanent Stocks of Dictyostelium. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5101-pdb.prot5101.	0.3	5
47	Selection of Dictyostelium Transformants. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5104-pdb.prot5104.	0.3	3
48	Transformation of Dictyostelium with Plasmid DNA by Calcium Phosphate Precipitation. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5102-pdb.prot5102.	0.3	3
49	Extraction of DNA from *Dictyostelium*. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5105.	0.3	2
50	Extraction of RNA from Dictyostelium. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5106-pdb.prot5106.	0.3	2
51	Annotating Putative Proteins Using I-TASSER. MicroPublication Biology, 2021, 2021, .	0.1	0