

Catherine J Pears

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,654
citations

331670

21
h-index

289244

40
g-index

57
all docs

57
docs citations

57
times ranked

1660
citing authors

#	ARTICLE	IF	CITATIONS
1	Linking DNA repair and cell cycle progression through serine ADP-ribosylation of histones. <i>Nature Communications</i> , 2022, 13, 185.	12.8	13
2	Microbe Profile: Dictyostelium discoideum: model system for development, chemotaxis and biomedical research. <i>Microbiology (United Kingdom)</i> , 2021, 167, .	1.8	7
3	Methylation-directed acetylation of histone H3 regulates developmental sensitivity to histone deacetylase inhibition. <i>Nucleic Acids Research</i> , 2021, 49, 3781-3795.	14.5	9
4	Dictyostelium discoideum as a Model to Assess Genome Stability Through DNA Repair. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 752175.	3.7	6
5	Possible Involvement of the Nutrient and Energy Sensors mTORC1 and AMPK in Cell Fate Diversification in a Non-Metazoan Organism. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 758317.	3.7	4
6	Moving the Research Forward: The Best of British Biology Using the Tractable Model System Dictyostelium discoideum. <i>Cells</i> , 2021, 10, 3036.	4.1	2
7	A two-pore channel protein required for regulating mTORC1 activity on starvation. <i>BMC Biology</i> , 2020, 18, 8.	3.8	16
8	Human Platelet Protein Ubiquitylation and Changes following GPVI Activation. <i>Thrombosis and Haemostasis</i> , 2019, 119, 104-116.	3.4	28
9	Dictyostelium as a Model to Assess Site-Specific ADP-Ribosylation Events. <i>Methods in Molecular Biology</i> , 2018, 1813, 125-148.	0.9	2
10	Site-specific ADP-ribosylation of histone H2B in response to DNA double strand breaks. <i>Scientific Reports</i> , 2017, 7, 43750.	3.3	21
11	An enhanced C. elegans based platform for toxicity assessment. <i>Scientific Reports</i> , 2017, 7, 9839.	3.3	99
12	Expanding the yeast protein arginine methylome. <i>Proteomics</i> , 2015, 15, 3232-3243.	2.2	21
13	Emerging models for DNA repair: Dictyostelium discoideum as a model for nonhomologous end-joining. <i>DNA Repair</i> , 2014, 17, 121-131.	2.8	12
14	Investigation of DNA Repair Pathway Activity. <i>Methods in Molecular Biology</i> , 2013, 983, 295-310.	0.9	2
15	Nonhomologous end-joining promotes resistance to DNA damage in the absence of an ADP-ribosyltransferase that signals DNA single strand breaks. <i>Journal of Cell Science</i> , 2013, 126, 3452-61.	2.0	12
16	Dynamic acetylation of lysine-4-trimethylated histone H3 and H3 variant biology in a simple multicellular eukaryote. <i>Nucleic Acids Research</i> , 2012, 40, 7247-7256.	14.5	19
17	The role of ADP-ribosylation in regulating DNA double-strand break repair. <i>Cell Cycle</i> , 2012, 11, 48-56.	2.6	39
18	Targets downstream of Cdk8 in Dictyostelium development. <i>BMC Developmental Biology</i> , 2011, 11, 2.	2.1	4

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19	PARP regulates nonhomologous end joining through retention of Ku at double-strand breaks. <i>Journal of Cell Biology</i> , 2011, 194, 367-375.	5.2	79
20	Submaximal Inhibition of Protein Kinase C Restores ADP-induced Dense Granule Secretion in Platelets in the Presence of Ca ²⁺ . <i>Journal of Biological Chemistry</i> , 2011, 286, 21073-21082.	3.4	23
21	DNA double-strand break repair pathway choice in <i>Dictyostelium</i> . <i>Journal of Cell Science</i> , 2011, 124, 1655-1663.	2.0	24
22	Control of Cyclin C Levels during Development of <i>Dictyostelium</i> . <i>PLoS ONE</i> , 2010, 5, e10543.	2.5	7
23	Differential Roles of the PKC Novel Isoforms, PKC δ and PKC μ , in Mouse and Human Platelets. <i>PLoS ONE</i> , 2008, 3, e3793.	2.5	37
24	Proteomic and Microarray Analyses of the <i>Dictyostelium</i> Zak1-GSK-3 Signaling Pathway Reveal a Role in Early Development. <i>Eukaryotic Cell</i> , 2007, 6, 245-252.	3.4	17
25	Distinct but critical roles for integrin α IIb β 3 in platelet lamellipodia formation on fibrinogen, collagen-related peptide and thrombin. <i>FEBS Journal</i> , 2006, 273, 5032-5043.	4.7	27
26	DNA Damage Signalling and Repair in <i>Dictyostelium discoideum</i> . <i>Cell Cycle</i> , 2006, 5, 702-708.	2.6	21
27	DNA-PKcs-Dependent Signaling of DNA Damage in <i>Dictyostelium discoideum</i> . <i>Current Biology</i> , 2005, 15, 1880-1885.	3.9	39
28	Transcriptional Switch of the <i>dia1</i> and <i>impA</i> Promoter during the Growth/Differentiation Transition. <i>Eukaryotic Cell</i> , 2005, 4, 1477-1482.	3.4	4
29	Developmental decisions in <i>Dictyostelium discoideum</i> . <i>Developmental Biology</i> , 2005, 284, 25-36.	2.0	60
30	A homologue of Cdk8 is required for spore cell differentiation in <i>Dictyostelium</i> . <i>Developmental Biology</i> , 2004, 271, 49-58.	2.0	12
31	Superoxide signalling required for multicellular development of <i>Dictyostelium</i> . <i>Journal of Cell Science</i> , 2003, 116, 3387-3397.	2.0	77
32	PKD: a new protein kinase C α -dependent pathway in platelets. <i>Blood</i> , 2003, 101, 1392-1399.	1.4	23
33	Signalling events underlying platelet aggregation induced by the glycoprotein VI agonist convulxin. <i>FEBS Journal</i> , 2001, 268, 5242-5248.	0.2	49
34	Signalling components underlying platelet aggregation to a Ca ²⁺ ionophore and a phorbol ester. <i>Platelets</i> , 2001, 12, 476-485.	2.3	3
35	Protein Kinase C δ Is Essential for Ramos-BL B Cell Survival. <i>Cellular Immunology</i> , 1999, 196, 104-109.	3.0	21
36	Cell cycle-dependent regulation of early developmental genes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1452, 296-302.	4.1	13

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37	Negative influence of RasG on chemoattractant-induced ERK2 phosphorylation in Dictyostelium. Biochimica Et Biophysica Acta - Molecular Cell Research, 1998, 1402, 1-5.	4.1	15
38	37 The role of protein kinase C in B cell apoptosis. Biochemical Society Transactions, 1998, 26, S336-S336.	3.4	0
39	38 Regulation of B cell apoptosis during the cell cycle. Biochemical Society Transactions, 1998, 26, S337-S337.	3.4	0
40	Chemoattractants induce tyrosine phosphorylation of ERK2 in Dictyostelium discoideum by diverse signalling pathways. Biochemical Journal, 1997, 324, 347-352.	3.7	21
41	47 Assay to determine the isoform specificity of protein kinase C inhibitors. Biochemical Society Transactions, 1997, 25, S591-S591.	3.4	4
42	48 Protein kinase C in Dictyostelium discoideum. Biochemical Society Transactions, 1997, 25, S592-S592.	3.4	0
43	Cells at the Center of Dictyostelium Aggregates Become Spores. Developmental Biology, 1997, 192, 564-571.	2.0	29
44	Isoform specificity of activators and inhibitors of protein kinase C $\hat{\Gamma}^3$ and $\hat{\Gamma}^1$. FEBS Letters, 1997, 415, 101-108.	2.8	68
45	A protein kinase C-like activity involved in the chemotactic response of Dictyostelium discoideum. Lipids and Lipid Metabolism, 1997, 1349, 72-80.	2.6	5
46	Chemoattractants activate ERK2 in Dictyostelium discoideum by diverse signalling pathways. Biochemical Society Transactions, 1996, 24, 581S-581S.	3.4	0
47	Structure and function of the protein kinase C gene family. Journal of Biosciences, 1995, 20, 311-332.	1.1	25
48	Protein kinase C. Biochemical Society Transactions, 1992, 20, 415-418.	3.4	19
49	Protein kinase C- $\hat{\Gamma}^1$ and - $\hat{\Gamma}^3$: a functional appraisal. Biochemical Society Transactions, 1992, 20, 603-607.	3.4	12
50	Down-regulation of a kinase defective PKC- $\hat{\Gamma}^3$. FEBS Letters, 1991, 284, 120-122.	2.8	35
51	Mutagenesis of the pseudosubstrate site of protein kinase C leads to activation. FEBS Journal, 1990, 194, 89-94.	0.2	135
52	Protein kinase C "a family affair. Molecular and Cellular Endocrinology, 1989, 65, 1-11.	3.2	288
53	Protein kinase C as a second messenger target. Biochemical Society Transactions, 1989, 17, 279-280.	3.4	5
54	Characterization of two divergently transcribed Dictyostelium gene pairs and identification of G-rich sequence element lying between them with the characteristics of a basal promoter element. Genesis, 1988, 9, 455-468.	2.1	8

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55	Multiple copies of a G-rich element upstream of a cAMP-inducible Dictyostelium gene are necessary but not sufficient for efficient gene expression. Nucleic Acids Research, 1988, 16, 8467-8486.	14.5	57
56	Identification of a DNA sequence element required for efficient expression of a developmentally regulated and cAMP-inducible gene of <i>Dictyostelium discoideum</i> . EMBO Journal, 1987, 6, 195-200.	7.8	76