

Andrew J Pierce

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

6,517
citations

186265

28
h-index

214800

47
g-index

50
all docs

50
docs citations

50
times ranked

8507
citing authors

#	ARTICLE	IF	CITATIONS
1	XRCC3 promotes homology-directed repair of DNA damage in mammalian cells. <i>Genes and Development</i> , 1999, 13, 2633-2638.	5.9	1,180
2	BRCA2 Is Required for Homology-Directed Repair of Chromosomal Breaks. <i>Molecular Cell</i> , 2001, 7, 263-272.	9.7	897
3	Ku DNA end-binding protein modulates homologous repair of double-strand breaks in mammalian cells. <i>Genes and Development</i> , 2001, 15, 3237-3242.	5.9	457
4	Genetic Steps of Mammalian Homologous Repair with Distinct Mutagenic Consequences. <i>Molecular and Cellular Biology</i> , 2004, 24, 9305-9316.	2.3	439
5	Human Fanconi anemia monoubiquitination pathway promotes homologous DNA repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1110-1115.	7.1	348
6	Hypoxia-Induced Down-regulation of BRCA1 Expression by E2Fs. <i>Cancer Research</i> , 2005, 65, 11597-11604.	0.9	313
7	BCR/ABL Regulates Mammalian RecA Homologs, Resulting in Drug Resistance. <i>Molecular Cell</i> , 2001, 8, 795-806.	9.7	290
8	Genomic architecture and inheritance of human ribosomal RNA gene clusters. <i>Genome Research</i> , 2008, 18, 13-18.	5.5	248
9	The brain-penetrant clinical ATM inhibitor AZD1390 radiosensitizes and improves survival of preclinical brain tumor models. <i>Science Advances</i> , 2018, 4, eaat1719.	10.3	201
10	The splicing-factor related protein SFPQ/PSF interacts with RAD51D and is necessary for homology-directed repair and sister chromatid cohesion. <i>Nucleic Acids Research</i> , 2011, 39, 132-145.	14.5	188
11	DNA Polymerase β Is Required for Human Mismatch Repair in Vitro. <i>Journal of Biological Chemistry</i> , 1997, 272, 10917-10921.	3.4	186
12	Double-strand breaks and tumorigenesis. <i>Trends in Cell Biology</i> , 2001, 11, S52-S59.	7.9	180
13	MHF1-MHF2, a Histone-Fold-Containing Protein Complex, Participates in the Fanconi Anemia Pathway via FANCM. <i>Molecular Cell</i> , 2010, 37, 879-886.	9.7	178
14	Human rRNA Gene Clusters Are Recombinational Hotspots in Cancer. <i>Cancer Research</i> , 2009, 69, 9096-9104.	0.9	138
15	Double-strand breaks and tumorigenesis. <i>Trends in Cell Biology</i> , 2001, 11, S52-S59.	7.9	135
16	ATP Hydrolysis by Mammalian RAD51 Has a Key Role during Homology-directed DNA Repair. <i>Journal of Biological Chemistry</i> , 2002, 277, 20185-20194.	3.4	124
17	Loss of 26S Proteasome Function Leads to Increased Cell Size and Decreased Cell Number in Arabidopsis Shoot Organs. <i>Plant Physiology</i> , 2009, 150, 178-189.	4.8	117
18	Variant XRCC3 implicated in cancer is functional in homology-directed repair of double-strand breaks. <i>Oncogene</i> , 2002, 21, 4176-4180.	5.9	107

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19	Loss of Bloom syndrome protein destabilizes human gene cluster architecture. <i>Human Molecular Genetics</i> , 2009, 18, 3417-3428.	2.9	83
20	A guide to naming human non-coding RNA genes. <i>EMBO Journal</i> , 2020, 39, e103777.	7.8	77
21	Targeting the kinase activities of ATR and ATM exhibits antitumoral activity in mouse models of <i>MLL</i> -rearranged AML. <i>Science Signaling</i> , 2016, 9, ra91.	3.6	63
22	Phase I Study of Ceralasertib (AZD6738), a Novel DNA Damage Repair Agent, in Combination with Weekly Paclitaxel in Refractory Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 4700-4709.	7.0	54
23	Ceralasertib (AZD6738), an Oral ATR Kinase Inhibitor, in Combination with Carboplatin in Patients with Advanced Solid Tumors: A Phase I Study. <i>Clinical Cancer Research</i> , 2021, 27, 5213-5224.	7.0	53
24	Measuring Recombination Proficiency in Mouse Embryonic Stem Cells. , 2005, 291, 373-384.		49
25	A Monoclonal Antibody to ADAM17 Inhibits Tumor Growth by Inhibiting EGFR and Non-EGFR-Mediated Pathways. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1637-1649.	4.1	45
26	SLFN11 informs on standard of care and novel treatments in a wide range of cancer models. <i>British Journal of Cancer</i> , 2021, 124, 951-962.	6.4	40
27	NHEJ Deficiency and Disease. <i>Molecular Cell</i> , 2001, 8, 1160-1161.	9.7	39
28	ATM protein is deficient in over 40% of lung adenocarcinomas. <i>Oncotarget</i> , 2016, 7, 57714-57725.	1.8	35
29	Potent Immune Modulation by MEDI6383, an Engineered Human OX40 Ligand IgG4P Fc Fusion Protein. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1024-1038.	4.1	31
30	pRAD50: a novel and clinically applicable pharmacodynamic biomarker of both ATM and ATR inhibition identified using mass spectrometry and immunohistochemistry. <i>British Journal of Cancer</i> , 2018, 119, 1233-1243.	6.4	27
31	The Sister Chromatid Exchange (SCE) Assay. <i>Methods in Molecular Biology</i> , 2014, 1105, 439-455.	0.9	25
32	Nuclear DNA content in <i>Sinningia</i> (Gesneriaceae); intraspecific genome size variation and genome characterization in <i>S. speciosa</i> . <i>Genome</i> , 2010, 53, 1066-1082.	2.0	22
33	Improved Therapeutic Window in <i>BRCA</i> -mutant Tumors with Antibody-linked Pyrrolobenzodiazepine Dimers with and without PARP Inhibition. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 89-99.	4.1	19
34	Retrospective analysis of Schlafen11 (SLFN11) to predict the outcomes to therapies affecting the DNA damage response. <i>British Journal of Cancer</i> , 2021, 125, 1666-1676.	6.4	18
35	Measuring Recombination Proficiency in Mouse Embryonic Stem Cells. <i>Methods in Molecular Biology</i> , 2014, 1105, 481-495.	0.9	16
36	Acquired cross-linker resistance associated with a novel spliced BRCA2 protein variant for molecular phenotyping of BRCA2 disruption. <i>Cell Death and Disease</i> , 2017, 8, e2875-e2875.	6.3	15

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37	A conserved DNA structural control element modulates transcription of a mammalian gene. <i>Nucleic Acids Research</i> , 1992, 20, 6583-6587.	14.5	11
38	EV11 carboxy-terminal phosphorylation is ATM-mediated and sustains transcriptional modulation and self-renewal via enhanced CtBP1 association. <i>Nucleic Acids Research</i> , 2018, 46, 7662-7674.	14.5	11
39	BCR/ABL modulates protein phosphorylation associated with the etoposide-induced DNA damage response. <i>Journal of Proteomics</i> , 2012, 77, 14-26.	2.4	9
40	The multi-specific VH-based Humabody CB213 co-targets PD1 and LAG3 on T cells to promote anti-tumour activity. <i>British Journal of Cancer</i> , 2022, 126, 1168-1177.	6.4	9
41	Recombination phenotypes of the NCI-60 collection of human cancer cells. <i>BMC Molecular Biology</i> , 2011, 12, 23.	3.0	7
42	Targeted Mass Spectrometry Enables Quantification of Novel Pharmacodynamic Biomarkers of ATM Kinase Inhibition. <i>Cancers</i> , 2021, 13, 3843.	3.7	7
43	Abstract CT118: PK-Biomarker-Safety modelling aids choice of recommended Phase II dose and schedule for AZD6738 (ATR inhibitor). <i>Cancer Research</i> , 2018, 78, CT118-CT118.	0.9	7
44	Escherichia coli RecG functionally suppresses human Bloom syndrome phenotypes. <i>BMC Molecular Biology</i> , 2012, 13, 33.	3.0	6
45	Configuration and rearrangement of the human GAGE gene clusters. <i>American Journal of Translational Research (discontinued)</i> , 2011, 3, 234-42.	0.0	6
46	The Sister Chromatid Exchange (SCE) Assay. <i>Methods in Molecular Biology</i> , 2020, 2102, 441-457.	0.9	3
47	Evaluation of UV-C Decontamination of Clinical Tissue Sections for Spatially Resolved Analysis by Mass Spectrometry Imaging (MSI). <i>Analytical Chemistry</i> , 2021, 93, 2767-2775.	6.5	2
48	Preparation of Peripheral Blood Mononuclear Cell Pellets and Plasma from a Single Blood Draw at Clinical Trial Sites for Biomarker Analysis. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	2
49	The Gene Cluster Instability (GCI) Assay for Recombination. <i>Methods in Molecular Biology</i> , 2014, 1105, 457-479.	0.9	0
50	The Gene Cluster Instability (GCI) Assay for Recombination. <i>Methods in Molecular Biology</i> , 2020, 2102, 459-482.	0.9	0