Alexander J R Bishop

List of Publications by Year
in descending order

46 papers	2,075 citations	257450 24 h-index	254184 43 g-index
51 all docs	51 docs citations	51 times ranked	3815 citing authors

#	Article	IF	Citations
1	Atg7 Modulates p53 Activity to Regulate Cell Cycle and Survival During Metabolic Stress. Science, 2012, 336, 225-228.	12.6	299
2	EWSâ€“FLI1 increases transcription to cause R-loops and block BRCA1 repair in Ewing sarcoma. Nature, 2018, 555, 387-391.	27.8	222
3	Autophagy inhibition improves the efficacy of curcumin/temozolomide combination therapy in glioblastomas. Cancer Letters, 2015, 358, 220-231.	7.2	162
4	Nucleolar RNA polymerase II drives ribosome biogenesis. Nature, 2020, 585, 298-302.	27.8	135
5	Role of homologous recombination in carcinogenesis. Experimental and Molecular Pathology, 2003, 74, 94-105.	2.1	103
6	The molecular landscape of ETMR at diagnosis and relapse. Nature, 2019, 576, 274-280.	27.8	94
7	Homologous recombination as a mechanism for genome rearrangements: environmental and genetic effects. Human Molecular Genetics, 2000, 9, 2427-2334.	2.9	72
8	Homologous Recombination and Its Role in Carcinogenesis. Journal of Biomedicine and Biotechnology, 2002, 2, 75-85.	3.0	60
9	Involvement of Homologous Recombination in Carcinogenesis. Advances in Genetics, 2007, 58, 67-87.	1.8	58
10	Alkylating Agentâ€“Induced NRF2 Blocks Endoplasmic Reticulum Stressâ€“Mediated Apoptosis via Control of Glutathione Pools and Protein Thiol Homeostasis. Molecular Cancer Therapeutics, 2016, 15, 3000-3014.	4.1	56
11	Building and analyzing protein interactome networks by cross-species comparisons. BMC Systems Biology, 2010, 4, 36.	3.0	55
12	Phase 1/2 trial of talazoparib in combination with temozolomide in children and adolescents with refractory/recurrent solid tumors including Ewing sarcoma: A Children's Oncology Group Phase 1 Consortium study (ADVL1411). Pediatric Blood and Cancer, 2020, 67, e28073.	1.5	52
13	A Network of Conserved Damage Survival Pathways Revealed by a Genomic RNAi Screen. PLoS Genetics, 2009, 5, e1000527.	3.5	47
14	Cohesin SA1 and SA2 are RNA binding proteins that localize to RNA containing regions on DNA. Nucleic Acids Research, 2020, 48, 5639-5655.	14.5	47
15	RAD51 Mutants Cause Replication Defects and Chromosomal Instability. Molecular and Cellular Biology, 2012, 32, 3663-3680.	2.3	46
16	Correlation AnalyzeR: functional predictions from gene co-expression correlations. BMC Bioinformatics, 2021, 22, 206.	2.6	46
17	Atm-, p53-, and Gadd45a-deficient mice show an increased frequency of homologous recombination at different stages during development. Cancer Research, 2003, 63, 5335-43.	0.9	46
18	Musashi1 Impacts Radio-Resistance in Glioblastoma by Controlling DNA-Protein Kinase Catalytic Subunit. American Journal of Pathology, 2016, 186, 2271-2278.	3.8	38

#	Article	IF	Citations
19	Myelodysplastic syndrome: An inability to appropriately respond to damaged DNA?. Experimental Hematology, 2013, 41, 665-674.	0.4	35
20	Dissection of a Mouse Eye for a Whole Mount of the Retinal Pigment Epithelium. Journal of Visualized Experiments, 2011, , .	0.3	32
21	An Analysis of Normalization Methods for Drosophila RNAi Genomic Screens and Development of a Robust Validation Scheme. Journal of Biomolecular Screening, 2008, 13, 777-784.	2.6	28
22	Mice heterozygous for CREB binding protein are hypersensitive to Î³-radiation and invariably develop myelodysplastic/myeloproliferative neoplasm. Experimental Hematology, 2012, 40, 295-306.e5.	0.4	28
23	Reconstruction of Ewing Sarcoma Developmental Context from Mass-Scale Transcriptomics Reveals Characteristics of EWSR1-FLI1 Permissibility. Cancers, 2020, 12, 948.	3.7	27
24	PARP1 suppresses homologous recombination events in mice in vivo. Nucleic Acids Research, 2010, 38, 7538-7545.	14.5	25
25	Sorafenib improves alkylating therapy by blocking induced inflammation, invasion and angiogenesis in breast cancer cells. Cancer Letters, 2018, 425, 101-115.	7.2	24
26	COX-2 promotes mammary adipose tissue inflammation, local estrogen biosynthesis, and carcinogenesis in high-sugar/fat diet treated mice. Cancer Letters, 2021, 502, 44-57.	7.2	24
27	Potential Relationship between Inadequate Response to DNA Damage and Development of Myelodysplastic Syndrome. International Journal of Molecular Sciences, 2015, 16, 966-989.	4.1	22
28	Thioredoxin reductase-1 levels are associated with NRF2 pathway activation and tumor recurrence in non-small cell lung cancer. Free Radical Biology and Medicine, 2021, 177, 58-71.	2.9	21
29	Pathway Distiller - multisource biological pathway consolidation. BMC Genomics, 2012, 13, S18.	2.8	20
30	In Vivo DNA Deletion Assay to Detect Environmental and Genetic Predisposition to Cancer. , 2004, 262, 125-140.		19
31	14-3-3 Ïƒ Expression Effects G2/M Response to Oxygen and Correlates with Ovarian Cancer Metastasis. PLoS ONE, 2011, 6, e15864.	2.5	17
32	Ewing sarcoma fusion oncogene: At the crossroads of transcription and DNA damage response. Molecular and Cellular Oncology, 2018, 5, e1465014.	0.7	16
33	ATR Suppresses Endogenous DNA Damage and Allows Completion of Homologous Recombination Repair. PLoS ONE, 2014, 9, e91222.	2.5	13
34	A Conditional Mouse Model for Measuring the Frequency of Homologous Recombination Events In Vivo in the Absence of Essential Genes. Molecular and Cellular Biology, 2011, 31, 3593-3602.	2.3	12
35	Ku86 deficiency leads to reduced intrachromosomal homologous recombination in vivo in mice. DNA Repair, 2004, 3, 103-111.	2.8	11
36	Mutant p53 Disrupts Role of ShcA Protein in Balancing Smad Protein-dependent and -independent Signaling Activity of Transforming Growth Factor-Î² (TGF-Î²)*. Journal of Biological Chemistry, 2011, 286, 44023-44034.	3.4	10

#	Article	IF	Citations
37	Combined Gene Expression and RNAi Screening to Identify Alkylation Damage Survival Pathways from Fly to Human. PLoS ONE, 2016, 11, e0153970.	2.5	8
38	FibroDB: Expression Analysis of Protein-Coding and Long Non-Coding RNA Genes in Fibrosis. Non-coding RNA, 2022, 8, 13.	2.6	8
39	Quality-controlled R-loop meta-analysis reveals the characteristics of R-loop consensus regions. Nucleic Acids Research, 2022, 50, 7260-7286.	14.5	7
40	p21 controls patterning but not homologous recombination in RPE development. DNA Repair, 2006, 5, 111-120.	2.8	6
41	Current Status of Epitranscriptomic Marks Affecting lncRNA Structures and Functions. Non-coding RNA, 2022, 8, 23.	2.6	6
42	Mouse WRN Helicase Domain Is Not Required for Spontaneous Homologous Recombination-Mediated DNA Deletion. Journal of Nucleic Acids, 2010, 2010, 1-6.	1.2	4
43	Induction of homologous recombination following in utero exposure to DNA-damaging agents. DNA Repair, 2013, 12, 912-921.	2.8	4
44	BRCA2 Promotes Spontaneous Homologous Recombination In Vivo. Cancers, 2021, 13, 3663.	3.7	1
45	Development and Characterization of a Mass Cytometry Panel for Detecting the Effect of Acute Doxorubicin Exposure on Murine Cardiac Non-myocytes. American Journal of Physiology - Heart and Circulatory Physiology, 0, , .	3.2	1
46	Identification of Genes Required for Damage Survival Using a Cell-Based RNAi Screen Against the Drosophila Genome. Methods in Molecular Biology, 2012, 920, 9-26.	0.9	0