

Ludovic Deriano

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

2,036
citations

361413

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395702

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docs citations

39
times ranked

2814
citing authors

#	ARTICLE	IF	CITATIONS
1	Modernizing the Nonhomologous End-Joining Repertoire: Alternative and Classical NHEJ Share the Stage. <i>Annual Review of Genetics</i> , 2013, 47, 433-455.	7.6	379
2	Shieldin complex promotes DNA end-joining and counters homologous recombination in BRCA1-null cells. <i>Nature Cell Biology</i> , 2018, 20, 954-965.	10.3	291
3	Rag mutations reveal robust alternative end joining. <i>Nature</i> , 2007, 449, 483-486.	27.8	282
4	Roles for NBS1 in Alternative Nonhomologous End-Joining of V(D)J Recombination Intermediates. <i>Molecular Cell</i> , 2009, 34, 13-25.	9.7	98
5	The RAG2 C terminus suppresses genomic instability and lymphomagenesis. <i>Nature</i> , 2011, 471, 119-123.	27.8	96
6	Human chronic lymphocytic leukemia B cells can escape DNA damage-induced apoptosis through the nonhomologous end-joining DNA repair pathway. <i>Blood</i> , 2005, 105, 4776-4783.	1.4	92
7	The immune system profoundly restricts intratumor genetic heterogeneity. <i>Science Immunology</i> , 2018, 3, .	11.9	83
8	Specific Roles of XRCC4 Paralogs PAXX and XLF during V(D)J Recombination. <i>Cell Reports</i> , 2016, 16, 2967-2979.	6.4	70
9	Synthetic lethality between PAXX and XLF in mammalian development. <i>Genes and Development</i> , 2016, 30, 2152-2157.	5.9	68
10	RAG2 and XLF/Cernunnos interplay reveals a novel role for the RAG complex in DNA repair. <i>Nature Communications</i> , 2016, 7, 10529.	12.8	57
11	<i>Listeria monocytogenes</i> Dampens the DNA Damage Response. <i>PLoS Pathogens</i> , 2014, 10, e1004470.	4.7	41
12	Higher-Order Looping and Nuclear Organization of Tcra Facilitate Targeted RAG Cleavage and Regulated Rearrangement in Recombination Centers. <i>Cell Reports</i> , 2013, 3, 359-370.	6.4	40
13	IgE Receptor Type I-dependent Regulation of a Rab3D-associated Kinase. <i>Journal of Biological Chemistry</i> , 2001, 276, 42893-42900.	3.4	36
14	RAG2's Acidic Hinge Restricts Repair-Pathway Choice and Promotes Genomic Stability. <i>Cell Reports</i> , 2013, 4, 870-878.	6.4	36
15	The RAG2 C-terminus and ATM protect genome integrity by controlling antigen receptor gene cleavage. <i>Nature Communications</i> , 2013, 4, 2231.	12.8	35
16	RAG2 mutants alter DSB repair pathway choice in vivo and illuminate the nature of "alternative NHEJ"™. <i>Nucleic Acids Research</i> , 2014, 42, 6352-6364.	14.5	35
17	B-cell chronic lymphocytic leukaemia: a polymorphic family unified by genomic features. <i>Lancet Oncology</i> , The, 2003, 4, 506-514.	10.7	29
18	Coordinated signals from the DNA repair enzymes PARP-1 and PARP-2 promotes B-cell development and function. <i>Cell Death and Differentiation</i> , 2019, 26, 2667-2681.	11.2	28

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19	Repair of G1 induced DNA double-strand breaks in S-G2/M by alternative NHEJ. Nature Communications, 2020, 11, 5239.	12.8	27
20	Fam72a enforces error-prone DNA repair during antibody diversification. Nature, 2021, 600, 329-333.	27.8	26
21	The RAG recombinase: Beyond breaking. Mechanisms of Ageing and Development, 2017, 165, 3-9.	4.6	22
22	A Streamlined Method for Detecting Structural Variants in Cancer Genomes by Short Read Paired-End Sequencing. PLoS ONE, 2012, 7, e48314.	2.5	21
23	MAD2L2 dimerization and TRIP13 control shieldin activity in DNA repair. Nature Communications, 2021, 12, 5421.	12.8	18
24	New molecular markers in resistant B-CLL. Leukemia and Lymphoma, 2006, 47, 791-801.	1.3	17
25	Artemis and Nonhomologous End Joining-Independent Influence of DNA-Dependent Protein Kinase Catalytic Subunit on Chromosome Stability. Molecular and Cellular Biology, 2009, 29, 503-514.	2.3	17
26	Chromosomal Translocation Formation Is Sufficient to Produce Fusion Circular RNAs Specific to Patient Tumor Cells. IScience, 2018, 5, 19-29.	4.1	15
27	Breakage-Fusion-Bridge Events Trigger Complex Genome Rearrangements and Amplifications in Developmentally Arrested T Cell Lymphomas. Cell Reports, 2019, 27, 2847-2858.e4.	6.4	14
28	Mutagenicity of non-homologous end joining DNA repair in a resistant subset of human chronic lymphocytic leukaemia B cells. British Journal of Haematology, 2006, 133, 520-525.	2.5	13
29	Generation and CRISPR/Cas9 editing of transformed progenitor B cells as a pseudo-physiological system to study DNA repair gene function in V(D)J recombination. Journal of Immunological Methods, 2017, 451, 71-77.	1.4	13
30	The (Lack of) DNA Double-Strand Break Repair Pathway Choice During V(D)J Recombination. Frontiers in Genetics, 2021, 12, 823943.	2.3	10
31	The Sec61 translocon is a therapeutic vulnerability in multiple myeloma. EMBO Molecular Medicine, 2022, 14, e14740.	6.9	10
32	Chronic exposure to sublethal doses of radiation mimetic Zeocinâ,¢ selects for clones deficient in homologous recombination. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 615, 125-133.	1.0	9
33	SHLD1 is dispensable for 53BP1-dependent V(D)J recombination but critical for productive class switch recombination. Nature Communications, 2022, 13, .	12.8	7
34	V(D)J Recombination: Orchestrating Diversity Without Damage. , 2022, , .		0