

# Ludovic Deriano

## List of Publications by Year in descending order

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34  
papers

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citations

361413

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395702

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39  
docs citations

39  
times ranked

2814  
citing authors

#	ARTICLE	IF	CITATIONS
1	V(D)J Recombination: Orchestrating Diversity Without Damage. , 2022, , .		0
2	The Sec61 translocon is a therapeutic vulnerability in multiple myeloma. EMBO Molecular Medicine, 2022, 14, e14740.	6.9	10
3	SHLD1 is dispensable for 53BP1-dependent V(D)J recombination but critical for productive class switch recombination. Nature Communications, 2022, 13, .	12.8	7
4	MAD2L2 dimerization and TRIP13 control shieldin activity in DNA repair. Nature Communications, 2021, 12, 5421.	12.8	18
5	Fam72a enforces error-prone DNA repair during antibody diversification. Nature, 2021, 600, 329-333.	27.8	26
6	The (Lack of) DNA Double-Strand Break Repair Pathway Choice During V(D)J Recombination. Frontiers in Genetics, 2021, 12, 823943.	2.3	10
7	Repair of G1 induced DNA double-strand breaks in S-G2/M by alternative NHEJ. Nature Communications, 2020, 11, 5239.	12.8	27
8	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
9	Coordinated signals from the DNA repair enzymes PARP-1 and PARP-2 promotes B-cell development and function. Cell Death and Differentiation, 2019, 26, 2667-2681.	11.2	28
10	The immune system profoundly restricts intratumor genetic heterogeneity. Science Immunology, 2018, 3, .	11.9	83
11	Chromosomal Translocation Formation Is Sufficient to Produce Fusion Circular RNAs Specific to Patient Tumor Cells. IScience, 2018, 5, 19-29.	4.1	15
12	Shieldin complex promotes DNA end-joining and counters homologous recombination in BRCA1-null cells. Nature Cell Biology, 2018, 20, 954-965.	10.3	291
13	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
14	The RAG recombinase: Beyond breaking. Mechanisms of Ageing and Development, 2017, 165, 3-9.	4.6	22
15	Specific Roles of XRCC4 Paralogs PAXX and XLF during V(D)J Recombination. Cell Reports, 2016, 16, 2967-2979.	6.4	70
16	RAG2 and XLF/Cernunnos interplay reveals a novel role for the RAG complex in DNA repair. Nature Communications, 2016, 7, 10529.	12.8	57
17	Synthetic lethality between PAXX and XLF in mammalian development. Genes and Development, 2016, 30, 2152-2157.	5.9	68
18	Listeria monocytogenes Dampens the DNA Damage Response. PLoS Pathogens, 2014, 10, e1004470.	4.7	41

#	ARTICLE	IF	CITATIONS
19	RAG2 mutants alter DSB repair pathway choice in vivo and illuminate the nature of "alternative NHEJ" <sup>TM</sup> . <i>Nucleic Acids Research</i> , 2014, 42, 6352-6364.	14.5	35
20	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
21	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
22	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
23	RAG2's Acidic Hinge Restricts Repair-Pathway Choice and Promotes Genomic Stability. <i>Cell Reports</i> , 2013, 4, 870-878.	6.4	36
24	A Streamlined Method for Detecting Structural Variants in Cancer Genomes by Short Read Paired-End Sequencing. <i>PLoS ONE</i> , 2012, 7, e48314.	2.5	21
25	The RAG2 C terminus suppresses genomic instability and lymphomagenesis. <i>Nature</i> , 2011, 471, 119-123.	27.8	96
26	Artemis and Nonhomologous End Joining-Independent Influence of DNA-Dependent Protein Kinase Catalytic Subunit on Chromosome Stability. <i>Molecular and Cellular Biology</i> , 2009, 29, 503-514.	2.3	17
27	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
28	Rag mutations reveal robust alternative end joining. <i>Nature</i> , 2007, 449, 483-486.	27.8	282
29	Chronic exposure to sublethal doses of radiation mimetic Zeocin <sup>®</sup> selects for clones deficient in homologous recombination. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 615, 125-133.	1.0	9
30	New molecular markers in resistant B-CLL. <i>Leukemia and Lymphoma</i> , 2006, 47, 791-801.	1.3	17
31	Mutagenicity of non-homologous end joining DNA repair in a resistant subset of human chronic lymphocytic leukaemia B cells. <i>British Journal of Haematology</i> , 2006, 133, 520-525.	2.5	13
32	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
33	B-cell chronic lymphocytic leukaemia: a polymorphic family unified by genomic features. <i>Lancet Oncology</i> , The, 2003, 4, 506-514.	10.7	29
34	IgE Receptor Type I-dependent Regulation of a Rab3D-associated Kinase. <i>Journal of Biological Chemistry</i> , 2001, 276, 42893-42900.	3.4	36