

Jeroen E Guikema

List of Publications by Year in descending order

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52
papers

2,346
citations

304743

22
h-index

214800

47
g-index

54
all docs

54
docs citations

54
times ranked

3401
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism and Regulation of Class Switch Recombination. Annual Review of Immunology, 2008, 26, 261-292.	21.8	893
2	APE1- and APE2-dependent DNA breaks in immunoglobulin class switch recombination. Journal of Experimental Medicine, 2007, 204, 3017-3026.	8.5	156
3	A mutated B cell chronic lymphocytic leukemia subset that recognizes and responds to fungi. Journal of Experimental Medicine, 2013, 210, 59-70.	8.5	132
4	Activation-Induced Cytidine Deaminase-Dependent DNA Breaks in Class Switch Recombination Occur during G1 Phase of the Cell Cycle and Depend upon Mismatch Repair. Journal of Immunology, 2007, 179, 6064-6071.	0.8	123
5	Activation-Induced Cytidine Deaminase Induces Reproducible DNA Breaks at Many Non-Ig Loci in Activated B Cells. Molecular Cell, 2011, 41, 232-242.	9.7	77
6	CD27 is heterogeneously expressed in multiple myeloma: low CD27 expression in patients with high-risk disease. British Journal of Haematology, 2003, 121, 36-43.	2.5	67
7	Exploiting the pro-apoptotic function of NOXA as a therapeutic modality in cancer. Expert Opinion on Therapeutic Targets, 2017, 21, 767-779.	3.4	62
8	Interphase fluorescence in situ hybridization for detection of 8q24/MYC breakpoints on routine histologic sections: Validation in Burkitt lymphomas from three geographic regions. Genes Chromosomes and Cancer, 2004, 40, 10-18.	2.8	61
9	Autologous stem cell transplantation in multiple myeloma after VAD and EDAP courses: a high incidence of oligoclonal serum Igs post transplantation. Bone Marrow Transplantation, 2000, 25, 723-728.	2.4	50
10	The roles of APE1, APE2, DNA polymerase β and mismatch repair in creating S region DNA breaks during antibody class switch. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 645-652.	4.0	50
11	ZDHHC11 and ZDHHC11B are critical novel components of the oncogenic MYC-miR-150-MYB network in Burkitt lymphoma. Leukemia, 2017, 31, 1470-1473.	7.2	39
12	Aberrantly expressed LGR4 empowers Wnt signaling in multiple myeloma by hijacking osteoblast-derived R-spondins. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 376-381.	7.1	37
13	A novel chronic lymphocytic leukemia subset expressing mutated IGHV3-7-encoded rheumatoid factor B-cell receptors that are functionally proficient. Leukemia, 2013, 27, 738-740.	7.2	36
14	Stereotypic Rheumatoid Factors That Are Frequently Expressed in Mucosa-Associated Lymphoid Tissue-Type Lymphomas Are Rare in the Labial Salivary Glands of Patients With Sjögren's Syndrome. Arthritis and Rheumatology, 2015, 67, 1074-1083.	5.6	36
15	Base Excision Repair in the Immune System: Small DNA Lesions With Big Consequences. Frontiers in Immunology, 2020, 11, 1084.	4.8	32
16	Salivary Gland Mucosa-Associated Lymphoid Tissue-Type Lymphoma From Sjögren's Syndrome Patients in the Majority Express Rheumatoid Factors Affinity-Selected for IgG. Arthritis and Rheumatology, 2020, 72, 1330-1340.	5.6	30
17	The DNA Damage Response Regulates RAG1/2 Expression in Pre-B Cells through ATM-FOXO1 Signaling. Journal of Immunology, 2016, 197, 2918-2929.	0.8	27
18	Apurinic/Apyrimidinic Endonuclease 2 Is Necessary for Normal B Cell Development and Recovery of Lymphoid Progenitors after Chemotherapeutic Challenge. Journal of Immunology, 2011, 186, 1943-1950.	0.8	26

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19	A novel regulatory circuit in base excision repair involving AP endonuclease 1, Creb1 and DNA polymerase β . <i>Nucleic Acids Research</i> , 2011, 39, 3156-3165.	14.5	26
20	Identification of a novel stereotypic IGHV4-59/IGHJ5-encoded B-cell receptor subset expressed by various B-cell lymphomas with high affinity rheumatoid factor activity. <i>Haematologica</i> , 2016, 101, e200-e203.	3.5	24
21	p53 Represses Class Switch Recombination to IgG2a through Its Antioxidant Function. <i>Journal of Immunology</i> , 2010, 184, 6177-6187.	0.8	23
22	Chronic lymphocytic leukemia disease progression is accelerated by APRIL-TACI interaction in the TCL1 transgenic mouse model. <i>Blood</i> , 2013, 122, 3960-3963.	1.4	23
23	NF- κ B and AKT signaling prevent DNA damage in transformed pre-B cells by suppressing RAG1/2 expression and activity. <i>Blood</i> , 2015, 126, 1324-1335.	1.4	23
24	B-Lymphoblastic Lymphomas Evolving from Follicular Lymphomas Co-Express Surrogate Light Chains and Mutated Gamma Heavy Chains. <i>American Journal of Pathology</i> , 2016, 186, 3273-3284.	3.8	23
25	Computational Model Reveals Limited Correlation between Germinal Center B-Cell Subclone Abundance and Affinity: Implications for Repertoire Sequencing. <i>Frontiers in Immunology</i> , 2017, 8, 221.	4.8	20
26	AKT signaling restrains tumor suppressive functions of FOXO transcription factors and GSK3 kinase in multiple myeloma. <i>Blood Advances</i> , 2020, 4, 4151-4164.	5.2	20
27	CD27-triggering on primary plasma cell leukaemia cells has anti-apoptotic effects involving mitogen activated protein kinases. <i>British Journal of Haematology</i> , 2004, 124, 299-308.	2.5	19
28	IGH switch breakpoints in Burkitt lymphoma: Exclusive involvement of noncanonical class switch recombination. <i>Genes Chromosomes and Cancer</i> , 2006, 45, 808-819.	2.8	19
29	The Complex Interplay between DNA Injury and Repair in Enzymatically Induced Mutagenesis and DNA Damage in B Lymphocytes. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1876.	4.1	19
30	Metabolic Effects of Recurrent Genetic Aberrations in Multiple Myeloma. <i>Cancers</i> , 2021, 13, 396.	3.7	17
31	Structure and Consequences of IGH Switch Breakpoints in Burkitt Lymphoma. <i>Journal of the National Cancer Institute Monographs</i> , 2008, 2008, 32-36.	2.1	16
32	Multiscale Modeling of Germinal Center Recapitulates the Temporal Transition From Memory B Cells to Plasma Cells Differentiation as Regulated by Antigen Affinity-Based Tfh Cell Help. <i>Frontiers in Immunology</i> , 2020, 11, 620716.	4.8	16
33	Apurinic/Apyrimidinic Endonuclease 2 Regulates the Expansion of Germinal Centers by Protecting against Activation-Induced Cytidine Deaminase-Independent DNA Damage in B Cells. <i>Journal of Immunology</i> , 2014, 193, 931-939.	0.8	15
34	Reassessment of the Role of Mut S Homolog 5 in Ig Class Switch Recombination Shows Lack of Involvement in cis- and trans-Switching. <i>Journal of Immunology</i> , 2008, 181, 8450-8459.	0.8	14
35	ATM Increases Activation-Induced Cytidine Deaminase Activity at Downstream S Regions during Class-Switch Recombination. <i>Journal of Immunology</i> , 2014, 192, 4887-4896.	0.8	14
36	Quantitative RT-PCR analysis of activation-induced cytidine deaminase expression in tissue samples from mantle cell lymphoma and B-cell chronic lymphocytic leukemia patients. <i>Blood</i> , 2005, 105, 2997-2999.	1.4	9

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37	Complex biallelic IGH rearrangements in IgM-expressing Z-138 cell line: Involvement of downstream immunoglobulin class switch recombination. <i>Genes Chromosomes and Cancer</i> , 2005, 42, 164-169.	2.8	9
38	Myeloma clonotypic B cells are hampered in their ability to undergo B-cell differentiation in vitro. <i>British Journal of Haematology</i> , 2002, 119, 54-61.	2.5	8
39	Heterogeneity in the Multiple Myeloma Tumor Clone. <i>Leukemia and Lymphoma</i> , 2004, 45, 857-871.	1.3	8
40	In vitro induction of antibody secretion of primary B-cell chronic lymphocytic leukaemia cells. <i>Leukemia</i> , 2015, 29, 244-247.	7.2	8
41	The role of Apex2 in class-switch recombination of immunoglobulin genes. <i>International Immunology</i> , 2010, 22, 213-213.	4.0	6
42	Chronic lymphocytic leukemia development is accelerated in mice with deficiency of the pro-apoptotic regulator NOXA. <i>Haematologica</i> , 2016, 101, e374-e377.	3.5	6
43	The NEDD8-activating enzyme inhibitor MLN4924 induces DNA damage in Ph+ leukemia and sensitizes for ABL kinase inhibitors. <i>Cell Cycle</i> , 2019, 18, 2307-2322.	2.6	5
44	Coupled Antigen and BLIMP1 Asymmetric Division With a Large Segregation Between Daughter Cells Recapitulates the Temporal Transition From Memory B Cells to Plasma Cells and a DZ-to-LZ Ratio in the Germinal Center. <i>Frontiers in Immunology</i> , 2021, 12, 716240.	4.8	5
45	De novo gene mutations in normal human memory B cells. <i>Leukemia</i> , 2019, 33, 1219-1230.	7.2	4
46	APE1- and APE2-dependent DNA breaks in immunoglobulin class switch recombination. <i>Journal of Experimental Medicine</i> , 2007, 204, 3295-3295.	8.5	2
47	Detection and Visualization of DNA Damage-induced Protein Complexes in Suspension Cell Cultures Using the Proximity Ligation Assay. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	2
48	Response to Comment on "Reassessment of the Role of Mut S Homolog 5 in Ig Class Switch Recombination Shows Lack of Involvement in cis- and trans-Switching". <i>Journal of Immunology</i> , 2009, 182, 4496-4497.	0.8	1
49	<i>MYC</i> in diffuse large B-cell lymphoma: always the bad guy?. <i>Leukemia and Lymphoma</i> , 2015, 56, 3003-3004.	1.3	1
50	A Major Subset of Mutated CLL Expresses Affinity-selected and Functionally Proficient Rheumatoid Factors. <i>HemaSphere</i> , 2021, 5, e550.	2.7	1
51	Letter to the editors. <i>Genes Chromosomes and Cancer</i> , 2006, 45, 426-427.	2.8	0
52	Correction: p53 Represses Class Switch Recombination to IgG2a through Its Antioxidant Function. <i>Journal of Immunology</i> , 2011, 187, 4920-4920.	0.8	0