Jeroen E Guikema

List of Publications by Year
in descending order

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	Metabolic Effects of Recurrent Genetic Aberrations in Multiple Myeloma. Cancers, 2021, 13, 396.	3.7	17
2	A Major Subset of Mutated CLL Expresses Affinity-selected and Functionally Proficient Rheumatoid Factors. HemaSphere, 2021, 5, e550.	2.7	1
3	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. Frontiers in Immunology, 2021, 12, 716240.	4.8	5
4	AKT signaling restrains tumor suppressive functions of FOXO transcription factors and GSK3 kinase in multiple myeloma. Blood Advances, 2020, 4, 4151-4164.	5.2	20
5	Base Excision Repair in the Immune System: Small DNA Lesions With Big Consequences. Frontiers in Immunology, 2020, 11, 1084.	4.8	32
6	Salivary Gland Mucosaâ€Associated Lymphoid Tissueâ€“Type Lymphoma From SjÃ¶grenâ€™s Syndrome Patients in the Majority Express Rheumatoid Factors Affinityâ€Selected for IgG. Arthritis and Rheumatology, 2020, 72, 1330-1340.	5.6	30
7	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. Frontiers in Immunology, 2020, 11, 620716.	4.8	16
8	The NEDD8-activating enzyme inhibitor MLN4924 induces DNA damage in Ph+ leukemia and sensitizes for ABL kinase inhibitors. Cell Cycle, 2019, 18, 2307-2322.	2.6	5
9	De novo gene mutations in normal human memory B cells. Leukemia, 2019, 33, 1219-1230.	7.2	4
10	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
11	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
12	Detection and Visualization of DNA Damage-induced Protein Complexes in Suspension Cell Cultures Using the Proximity Ligation Assay. Journal of Visualized Experiments, 2017, , .	0.3	2
13	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
14	The Complex Interplay between DNA Injury and Repair in Enzymatically Induced Mutagenesis and DNA Damage in B Lymphocytes. International Journal of Molecular Sciences, 2017, 18, 1876.	4.1	19
15	Computational Model Reveals Limited Correlation between Germinal Center B-Cell Subclone Abundancy and Affinity: Implications for Repertoire Sequencing. Frontiers in Immunology, 2017, 8, 221.	4.8	20
16	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. Haematologica, 2016, 101, e200-e203.	3.5	24
17	Chronic lymphocytic leukemia development is accelerated in mice with deficiency of the pro-apoptotic regulator NOXA. Haematologica, 2016, 101, e374-e377.	3.5	6
18	The DNA Damage Response Regulates RAG1/2 Expression in Preâ€“B Cells through ATM-FOXO1 Signaling. Journal of Immunology, 2016, 197, 2918-2929.	0.8	27

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19	B-Lymphoblastic Lymphomas Evolving from Follicular Lymphomas Co-Express Surrogate Light Chains and Mutated Gamma Heavy Chains. American Journal of Pathology, 2016, 186, 3273-3284.	3.8	23
20	NF-Î¹B and AKT signaling prevent DNA damage in transformed pre-B cells by suppressing RAG1/2 expression and activity. Blood, 2015, 126, 1324-1335.	1.4	23
21	Stereotypic Rheumatoid Factors That Are Frequently Expressed in Mucosaâ€Associated Lymphoid Tissueâ€“Type Lymphomas Are Rare in the Labial Salivary Glands of Patients With SjÃ¶gren's Syndrome. Arthritis and Rheumatology, 2015, 67, 1074-1083.	5.6	36
22	In vitro induction of antibody secretion of primary B-cell chronic lymphocytic leukaemia cells. Leukemia, 2015, 29, 244-247.	7.2	8
23	MYCin diffuse large B-cell lymphoma: always the bad guy?. Leukemia and Lymphoma, 2015, 56, 3003-3004.	1.3	1
24	Apurinic/Apyrimidinic Endonuclease 2 Regulates the Expansion of Germinal Centers by Protecting against Activation-Induced Cytidine Deaminaseâ€“Independent DNA Damage in B Cells. Journal of Immunology, 2014, 193, 931-939.	0.8	15
25	ATM Increases Activation-Induced Cytidine Deaminase Activity at Downstream S Regions during Class-Switch Recombination. Journal of Immunology, 2014, 192, 4887-4896.	0.8	14
26	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
27	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
28	Chronic lymphocytic leukemia disease progression is accelerated by APRIL-TACI interaction in the TCL1 transgenic mouse model. Blood, 2013, 122, 3960-3963.	1.4	23
29	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
30	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
31	A novel regulatory circuit in base excision repair involving AP endonuclease 1, Creb1 and DNA polymerase Î². Nucleic Acids Research, 2011, 39, 3156-3165.	14.5	26
32	Correction: p53 Represses Class Switch Recombination to IgG2a through Its Antioxidant Function. Journal of Immunology, 2011, 187, 4920-4920.	0.8	0
33	The role of Apex2 in class-switch recombination of immunoglobulin genes. International Immunology, 2010, 22, 213-213.	4.0	6
34	p53 Represses Class Switch Recombination to IgG2a through Its Antioxidant Function. Journal of Immunology, 2010, 184, 6177-6187.	0.8	23
35	Response to Comment on â€œReassessment of the Role of Mut S Homolog 5 in Ig Class Switch Recombination Shows Lack of Involvement in cis- and trans-Switchingâ€. Journal of Immunology, 2009, 182, 4496-4497.	0.8	1
36	The roles of APE1, APE2, DNA polymerase Î² 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

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37	Mechanism and Regulation of Class Switch Recombination. Annual Review of Immunology, 2008, 26, 261-292.	21.8	893
38	Reassessment of the Role of Mut S Homolog 5 in Ig Class Switch Recombination Shows Lack of Involvement incis- andtrans-Switching. Journal of Immunology, 2008, 181, 8450-8459.	0.8	14
39	Structure and Consequences of IGH Switch Breakpoints in Burkitt Lymphoma. Journal of the National Cancer Institute Monographs, 2008, 2008, 32-36.	2.1	16
40	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
41	APE1- and APE2-dependent DNA breaks in immunoglobulin class switch recombination. Journal of Experimental Medicine, 2007, 204, 3017-3026.	8.5	156
42	APE1- and APE2-dependent DNA breaks in immunoglobulin class switch recombination. Journal of Experimental Medicine, 2007, 204, 3295-3295.	8.5	2
43	Letter to the editors. Genes Chromosomes and Cancer, 2006, 45, 426-427.	2.8	0
44	IGH switch breakpoints in Burkitt lymphoma: Exclusive involvement of noncanonical class switch recombination. Genes Chromosomes and Cancer, 2006, 45, 808-819.	2.8	19
45	Quantitative RT-PCR analysis of activation-induced cytidine deaminase expression in tissue samples from mantle cell lymphoma and B-cell chronic lymphocytic leukemia patients. Blood, 2005, 105, 2997-2999.	1.4	9
46	Complex biallelicIGH rearrangements in IgM-expressing Z-138 cell line: Involvement of downstream immunoglobulin class switch recombination. Genes Chromosomes and Cancer, 2005, 42, 164-169.	2.8	9
47	Heterogeneity in the Multiple Myeloma Tumor Clone. Leukemia and Lymphoma, 2004, 45, 857-871.	1.3	8
48	CD27-triggering on primary plasma cell leukaemia cells has anti-apoptotic effects involving mitogen activated protein kinases. British Journal of Haematology, 2004, 124, 299-308.	2.5	19
49	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
50	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
51	Myeloma clonotypic B cells are hampered in their ability to undergo B-cell differentiation in vitro. British Journal of Haematology, 2002, 119, 54-61.	2.5	8
52	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