Sandra Weller

List of Publications by Year
in descending order

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25 papers	2,986 citations	279798 23 h-index	552781 26 g-index
28 all docs	28 docs citations	28 times ranked	3825 citing authors

#	Article	IF	Citations
1	Human blood IgM "memory" B cells are circulating splenic marginal zone B cells harboring a prediversified immunoglobulin repertoire. Blood, 2004, 104, 3647-3654.	1.4	695
2	CD40-CD40L independent Ig gene hypermutation suggests a second B cell diversification pathway in humans. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 1166-1170.	7.1	359
3	Human Marginal Zone B Cells. Annual Review of Immunology, 2009, 27, 267-285.	21.8	349
4	The human spleen is a major reservoir for long-lived vaccinia virusâ€“specific memory B cells. Blood, 2008, 111, 4653-4659.	1.4	145
5	Somatic diversification in the absence of antigen-driven responses is the hallmark of the IgM+IgD+CD27+ B cell repertoire in infants. Journal of Experimental Medicine, 2008, 205, 1331-1342.	8.5	143
6	Proteasomal degradation restricts the nuclear lifespan of AID. Journal of Experimental Medicine, 2008, 205, 1357-1368.	8.5	132
7	DNA Polymerase Î· Is Involved in Hypermutation Occurring during Immunoglobulin Class Switch Recombination. Journal of Experimental Medicine, 2004, 199, 265-270.	8.5	117
8	Marginal zone B cells control the response of follicular helper T cells to a high-cholesterol diet. Nature Medicine, 2017, 23, 601-610.	30.7	114
9	Identification of a human splenic marginal zone B cell precursor with NOTCH2-dependent differentiation properties. Journal of Experimental Medicine, 2014, 211, 987-1000.	8.5	113
10	A Reassessment of IgM Memory Subsets in Humans. Journal of Immunology, 2015, 195, 3716-3724.	0.8	99
11	A human equivalent of mouse B-1 cells?. Journal of Experimental Medicine, 2011, 208, 2563-2564.	8.5	98
12	IgM+IgD+CD27+ B cells are markedly reduced in IRAK-4â€“, MyD88-, and TIRAP- but not UNC-93Bâ€“deficient patients. Blood, 2012, 120, 4992-5001.	1.4	87
13	Human Adaptive Immunity Rescues an Inborn Error of Innate Immunity. Cell, 2017, 168, 789-800.e10.	28.9	68
14	IgM memory B cells: a mouse/human paradox. Cellular and Molecular Life Sciences, 2012, 69, 1625-1634.	5.4	67
15	Vaccination against encapsulated bacteria in humans: paradoxes. Trends in Immunology, 2005, 26, 85-89.	6.8	61
16	Defective anti-polysaccharide response and splenic marginal zone disorganization in ALPS patients. Blood, 2014, 124, 1597-1609.	1.4	48
17	Rituximab-resistant splenic memory B cells and newly engaged naive B cells fuel relapses in patients with immune thrombocytopenia. Science Translational Medicine, 2021, 13, .	12.4	40
18	A Backup Role of DNA Polymerase Îº in Ig Gene Hypermutation Only Takes Place in the Complete Absence of DNA Polymerase Î·. Journal of Immunology, 2009, 182, 6353-6359.	0.8	37

#	Article	IF	Citations
19	Splenic marginal zone B cells in humans: Where do they mutate their Ig receptor?. European Journal of Immunology, 2005, 35, 2789-2792.	2.9	33
20	A splenic IgM memory subset with antibacterial specificities is sustained from persistent mucosal responses. Journal of Experimental Medicine, 2018, 215, 2035-2053.	8.5	30
21	A bird's eye view on human B cells. Seminars in Immunology, 2004, 16, 277-281.	5.6	28
22	Hypermutation in Human B Cells in Vivo and in Vitro. Annals of the New York Academy of Sciences, 2003, 987, 158-165.	3.8	24
23	Alternative Induction of Meiotic Recombination From Single-Base Lesions of DNA Deaminases. Genetics, 2009, 182, 41-54.	2.9	23
24	Ig gene hypermutation: A mechanism is due. Advances in Immunology, 2002, 80, 183-202.	2.2	18
25	Proteasomal degradation restricts the nuclear lifespan of AID. Journal of Cell Biology, 2008, 181, i15-i15.	5.2	0