Paolo Casali

List of Publications by Year
in descending order

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74	3,642	147801	138484
papers	citations	31 h-index	58 g-index

80	80	80	5392
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rad52 mediates class-switch DNA recombination to IgD. Nature Communications, 2022, 13, 980.	12.8	11
2	Epigenetic Modulation of Class-Switch DNA Recombination to IgA by miR-146a Through Downregulation of Smad2, Smad3 and Smad4. Frontiers in Immunology, 2021, 12, 761450.	4.8	2
3	B cell-intrinsic epigenetic modulation of antibody responses by dietary fiber-derived short-chain fatty acids. Nature Communications, 2020, 11, 60.	12.8	190
4	Epigenetics of the antibody and autoantibody response. Current Opinion in Immunology, 2020, 67, 75-86.	5.5	8
5	Integrative transcriptome and chromatin landscape analysis reveals distinct epigenetic regulations in human memory B cells. Nature Communications, 2020, 11, 5435.	12.8	31
6	B Cell Endosomal RAB7 Promotes TRAF6 K63 Polyubiquitination and NF-ÎºB Activation for Antibody Class-Switching. Journal of Immunology, 2020, 204, 1146-1157.	0.8	7
7	B cell Sirt1 deacetylates histone and non-histone proteins for epigenetic modulation of AID expression and the antibody response. Science Advances, 2020, 6, eaay2793.	10.3	34
8	Estrogen Reverses HDAC Inhibitor-Mediated Repression of Aicda and Class-Switching in Antibody and Autoantibody Responses by Downregulation of miR-26a. Frontiers in Immunology, 2020, 11, 491.	4.8	13
9	Abstract 2654: B cells produce IL-27 in breast cancer to upregulate PD-L1 expression and promote tumor progression. , 2020, , .		1
10	Abstract P5-04-05: Tumor-infiltrating B lymphocytes produce IL-27 to upregulate PD-L1 expression in the tumor microenvironment and promote breast cancer progression. , 2020, , .		0
11	Abstract 3250: B cell-produced IL-27 up-regulates PD-L1 expression in the tumor microenvironment to promote breast cancer development. , 2019, , .		0
12	Abstract 3250: B cell-produced IL-27 up-regulates PD-L1 expression in the tumor microenvironment to promote breast cancer development. , 2019, , .		0
13	Rad52 competes with Ku70/Ku86 for binding to S-region DSB ends to modulate antibody class-switch DNA recombination. Nature Communications, 2017, 8, 14244.	12.8	37
14	Identification of IL-40, a Novel B Cellâ€“Associated Cytokine. Journal of Immunology, 2017, 199, 3326-3335.	0.8	19
15	Genome-wide Analysis of HDAC Inhibitor-mediated Modulation of microRNAs and mRNAs in B Cells Induced to Undergo Class-switch DNA Recombination and Plasma Cell Differentiation. Journal of Visualized Experiments, 2017, , .	0.3	3
16	Small Molecule Inhibition of Rab7 Impairs B Cell Class Switching and Plasma Cell Survival To Dampen the Autoantibody Response in Murine Lupus. Journal of Immunology, 2016, 197, 3792-3805.	0.8	25
17	Regulation of B Cell Differentiation by Intracellular Membrane-Associated Proteins and microRNAs: Role in the Antibody Response. Frontiers in Immunology, 2015, 6, 537.	4.8	15
18	Genome-Wide Analysis Reveals Selective Modulation of microRNAs and mRNAs by Histone Deacetylase Inhibitor in B Cells Induced to Undergo Class-Switch DNA Recombination and Plasma Cell Differentiation. Frontiers in Immunology, 2015, 6, 627.	4.8	32

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19	Epigenetics of Peripheral B-Cell Differentiation and the Antibody Response. Frontiers in Immunology, 2015, 6, 631.	4.8	77
20	B cell TLR1/2, TLR4, TLR7 and TLR9 interact in induction of class switch DNA recombination: Modulation by BCR and CD40, and relevance to T-independent antibody responses. Autoimmunity, 2015, 48, 1-12.	2.6	51
21	B Cell Rab7 Mediates Induction of Activation-Induced Cytidine Deaminase Expression and Class-Switching in T-Dependent and T-Independent Antibody Responses. Journal of Immunology, 2015, 194, 3065-3078.	0.8	13
22	Editorial: Epigenetics of B Cells and Antibody Responses. Frontiers in Immunology, 2015, 6, 656.	4.8	3
23	MicroRNAs in lupus. Autoimmunity, 2014, 47, 272-285.	2.6	70
24	Histone Deacetylase Inhibitors Upregulate B Cell microRNAs That Silence AID and Blimp-1 Expression for Epigenetic Modulation of Antibody and Autoantibody Responses. Journal of Immunology, 2014, 193, 5933-5950.	0.8	101
25	Type II Toxoplasma gondii Induction of CD40 on Infected Macrophages Enhances Interleukin-12 Responses. Infection and Immunity, 2014, 82, 4047-4055.	2.2	30
26	Immunoglobulin Somatic Hypermutation and Class-Switch DNA Recombination. , 2014, , 517-528.		2
27	Combinatorial H3K9acS10ph Histone Modification in IgH Locus S Regions Targets 14-3-3 Adaptors and AID to Specify Antibody Class-Switch DNA Recombination. Cell Reports, 2013, 5, 702-714.	6.4	47
28	APRIL stimulates NF-Î°B-mediated HoxC4 induction for AID expression in mouse B cells. Cytokine, 2013, 61, 608-613.	3.2	21
29	TSPAN33 is a novel marker of activated and malignant B cells. Clinical Immunology, 2013, 149, 388-399.	3.2	24
30	Regulation ofAicdaexpression and AID activity. Autoimmunity, 2013, 46, 83-101.	2.6	98
31	Epigenetics of the antibody response. Trends in Immunology, 2013, 34, 460-470.	6.8	77
32	Induction of Activation-Induced Cytidine Deaminaseâ€“Targeting Adaptor 14-3-3Î³ Is Mediated by NF-Î°Bâ€“Dependent Recruitment of CFP1 to the 5â€²-CpG-3â€²â€“Rich 14-3-3Î³ Promoter and Is Sustained by E2A. Journal of Immunology, 2013, 191, 1895-1906.	6.8	14
33	Scaffold Functions of 14-3-3 Adaptors in B Cell Immunoglobulin Class Switch DNA Recombination. PLoS ONE, 2013, 8, e80414.	2.5	23
34	B cell TLRs and induction of immunoglobulin class-switch DNA recombination. Frontiers in Bioscience - Landmark, 2012, 17, 2594.	3.0	42
35	Rev1 Recruits Ung to Switch Regions and Enhances dU Glycosylation for Immunoglobulin Class Switch DNA Recombination. Cell Reports, 2012, 2, 1220-1232.	6.4	40
36	BCR-signalling synergizes with TLR-signalling for induction of AID and immunoglobulin class-switching through the non-canonical NF-Î°B pathway. Nature Communications, 2012, 3, 767.	12.8	204

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37	Immunoglobulin class-switch DNA recombination: induction, targeting and beyond. Nature Reviews Immunology, 2012, 12, 517-531.	22.7	362
38	Iron Inhibits Activation-induced Cytidine Deaminase Enzymatic Activity and Modulates Immunoglobulin Class Switch DNA Recombination. Journal of Biological Chemistry, 2012, 287, 21520-21529.	3.4	20
39	Endonuclease G plays a role in immunoglobulin class switch DNA recombination by introducing double-strand breaks in switch regions. Molecular Immunology, 2011, 48, 610-622.	2.2	19
40	AID dysregulation in lupus-prone MRL/Fas^{lpr/lpr}mice increases class switch DNA recombination and promotes interchromosomalc-Myc/IgHloci translocations: Modulation by HoxC4. Autoimmunity, 2011, 44, 585-598.	2.6	29
41	14-3-3 adaptor proteins recruit AID to 5â€²-AGCT-3â€²â€“rich switch regions for class switch recombination. Nature Structural and Molecular Biology, 2010, 17, 1124-1135.	8.2	122
42	Toll-Like Receptors and B-Cell Receptors Synergize to Induce Immunoglobulin Class-Switch DNA Recombination: Relevance to Microbial Antibody Responses. Critical Reviews in Immunology, 2010, 30, 1-29.	0.5	111
43	Estrogen Receptors Bind to and Activate the HOXC4/HoxC4 Promoter to Potentiate HoxC4-mediated Activation-induced Cytosine Deaminase Induction, Immunoglobulin Class Switch DNA Recombination, and Somatic Hypermutation. Journal of Biological Chemistry, 2010, 285, 37797-37810.	3.4	79
44	Specific cross-reaction of anti-dsDNA antibody with platelet integrin GPIIIa49-66. Autoimmunity, 2010, 43, 682-689.	2.6	18
45	HoxC4 binds to the promoter of the cytidine deaminase AID gene to induce AID expression, class-switch DNA recombination and somatic hypermutation. Nature Immunology, 2009, 10, 540-550.	14.5	134
46	Lupus-prone MRL/fas^{lpr/lpr}mice display increased AID expression and extensive DNA lesions, comprising deletions and insertions, in the immunoglobulin locus: Concurrent upregulation of somatic hypermutation and class switch DNA recombination. Autoimmunity, 2009, 42, 89-103.	2.6	41
47	Nature and functions of autoantibodies. Nature Clinical Practice Rheumatology, 2008, 4, 491-498.	3.2	289
48	Molecular mechanisms of autoimmunity. Autoimmunity, 2008, 41, 123-132.	2.6	103
49	AID- and Ung-dependent generation of staggered double-strand DNA breaks in immunoglobulin class switch DNA recombination: A post-cleavage role for AID. Molecular Immunology, 2008, 46, 45-61.	2.2	26
50	Foreword. Autoimmunity, 2008, 41, 555-555.	2.6	0
51	A role for DRAK2 in the germinal center reaction and the antibody response. Autoimmunity, 2008, 41, 341-352.	2.6	11
52	AIDâ€•and Ungâ€dependent generation of staggered doubleâ€strand DNA breaks in class switch DNA recombination: a postâ€cleavage role for AID. FASEB Journal, 2008, 22, 1066.12.	0.5	0
53	A role for Drak2 in the germinal center reaction and the antibody response. FASEB Journal, 2008, 22, 842.2.	0.5	0
54	The recurring AGCT motif in S region DNA specifically recruits 14â€3â€3 adaptor proteins that are critical for the unfolding of CSR. FASEB Journal, 2008, 22, 849.9.	0.5	0

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55	The p85Î± regulatory subunit of phosphatidylinositol 3â€kinase critically modulates class switch DNA recombination. FASEB Journal, 2008, 22, 849.8.	0.5	0
56	The evolutionary conserved HoxC4 homeodomain protein induces AID expression and regulates immunoglobulin class switch DNA recombination and somatic hypermutation. FASEB Journal, 2008, 22, 1066.15.	0.5	0
57	Crystal Structure of a Human Autoimmune Complex between IgM Rheumatoid Factor RF61 and IgG1 Fc Reveals a Novel Epitope and Evidence for Affinity Maturation. Journal of Molecular Biology, 2007, 368, 1321-1331.	4.2	61
58	DNA Replication to Aid Somatic Hypermutation. , 2007, 596, 111-127.		8
59	Regulation of aicda Expression and AID Activity: Relevance to Somatic Hypermutation and Class Switch DNA Recombination. Critical Reviews in Immunology, 2007, 27, 367-397.	0.5	85
60	Reduced tetanus antibody titers in overweight children. Autoimmunity, 2006, 39, 137-141.	2.6	167
61	Biased dA/dT somatic hypermutation as regulated by the heavy chain intronic iEÎ¼ enhancer and 3â€²EÎ± enhancers in human lymphoblastoid B cells. Molecular Immunology, 2006, 43, 1817-1826.	2.2	11
62	DNA repair in antibody somatic hypermutation. Trends in Immunology, 2006, 27, 313-321.	6.8	69
63	Prognostic Analysis of Clinicopathologic Factors in 49 Patients With Diffuse Malignant Peritoneal Mesothelioma Treated With Cytoreductive Surgery and Intraperitoneal Hyperthermic Perfusion. Annals of Surgical Oncology, 2006, 13, 229-237.	1.5	144
64	A Role for the MutL Mismatch Repair Mlh3 Protein in Immunoglobulin Class Switch DNA Recombination and Somatic Hypermutation. Journal of Immunology, 2006, 176, 5426-5437.	0.8	39
65	DNA Lesions and Repair in Immunoglobulin Class Switch Recombination and Somatic Hypermutation. Annals of the New York Academy of Sciences, 2005, 1050, 146-162.	3.8	54
66	The translesion DNA polymerase Î¸ plays a dominant role in immunoglobulin gene somatic hypermutation. EMBO Journal, 2005, 24, 3757-3769.	7.8	114
67	Ongoing Immunoglobulin Class Switch DNA Recombination in Lupus B Cells: Analysis of Switch Regulatory Regions. Autoimmunity, 2004, 37, 431-443.	2.6	12
68	AID-Dependent Generation of Resected Double-Strand DNA Breaks and Recruitment of Rad52/Rad51 in Somatic Hypermutation. Immunity, 2003, 18, 727-738.	14.3	85
69	A Sequence Analysis of Human Germline Ig V_H and V_L Genes. Annals of the New York Academy of Sciences, 1995, 764, 170-179.	3.8	16
70	Analysis of the Structural Correlates for Selfâ€Antigen Binding by Natural and Diseaseâ€Related Autoantibodies. Annals of the New York Academy of Sciences, 1995, 764, 328-341.	3.8	9
71	Structure of the V_Hâ€Dâ€J_H Segments of Human Natural Polyreactive IgM and IgG Antibodies^a. Annals of the New York Academy of Sciences, 1995, 764, 362-369.	3.8	8
72	Bâ€1 Cellular Origin and V_H Segment Structure of IgG, IgA, and IgM Antiâ€DNA Autoantibodies in Patients with Systemic Lupus Erythematosus^a. Annals of the New York Academy of Sciences, 1995, 764, 410-423.	3.8	22

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73	Clonal Analysis of IgM⁺ CD5⁺ CLL B Cells^a. Annals of the New York Academy of Sciences, 1995, 764, 485-491.	3.8	0
74	Cellular Origin, Antigen Reactivity, and V_H Segment Structure of IgM mAbs from AIDS Lymphomas^a. Annals of the New York Academy of Sciences, 1995, 764, 509-518.	3.8	7