Andrea Bottaro

List of Publications by Year
in descending order

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61 papers	2,996 citations	172207 29 h-index	161609 54 g-index
62 all docs	62 docs citations	62 times ranked	2557 citing authors

#	Article	IF	Citations
1	A class switch control region at the 3â€² end of the immunoglobulin heavy chain locus. Cell, 1994, 77, 737-747.	13.5	255
2	CD40-deficient mice generated by recombination-activating gene-2-deficient blastocyst complementation.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 12135-12139.	3.3	241
3	A selective defect in IgG2b switching as a result of targeted mutation of the I gamma 2b promoter and exon.. EMBO Journal, 1993, 12, 3529-3537.	3.5	188
4	S region transcription per se promotes basal IgE class switch recombination but additional factors regulate the efficiency of the process.. EMBO Journal, 1994, 13, 665-674.	3.5	188
5	Mutations of the intronic IgH enhancer and its flanking sequences differentially affect accessibility of the JH locus.. EMBO Journal, 1993, 12, 4635-4645.	3.5	170
6	Class Switching in B Cells Lacking 3â€² Immunoglobulin Heavy Chain Enhancers. Journal of Experimental Medicine, 1998, 188, 1421-1431.	4.2	133
7	Leukemia stem cells in a genetically defined murine model of blast-crisis CML. Blood, 2007, 110, 2578-2585.	0.6	132
8	Abnormal development of Purkinje cells and lymphocytes in Atm mutant mice. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 3336-41.	3.3	106
9	Replacement of germ-line epsilon promoter by gene targeting alters control of immunoglobulin heavy chain class switching.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 3705-3709.	3.3	104
10	Recombination and transcription of the endogenous Ig heavy chain locus is effected by the Ig heavy chain intronic enhancer core region in the absence of the matrix attachment regions. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 1526-1531.	3.3	82
11	Position-dependent inhibition of class-switch recombination by PGK-neor cassettes inserted into the immunoglobulin heavy chain constant region locus. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 3000-3005.	3.3	82
12	Expanded CD23+/CD21hi B Cells in Inflamed Lymph Nodes Are Associated with the Onset of Inflammatory-Erosive Arthritis in TNF-Transgenic Mice and Are Targets of Anti-CD20 Therapy. Journal of Immunology, 2010, 184, 6142-6150.	0.4	73
13	Susceptibility to Autoimmunity and B Cell Resistance to Apoptosis in Mice Lacking Androgen Receptor in B Cells. Molecular Endocrinology, 2009, 23, 444-453.	3.7	68
14	Localization and Differential Expression of Activation-Induced Cytidine Deaminase in the Amphibian <i>Xenopus</i> upon Antigen Stimulation and during Early Development. Journal of Immunology, 2007, 179, 6783-6789.	0.4	65
15	The CD27â€“CD70 pathway and pathogenesis of autoimmune disease. Seminars in Arthritis and Rheumatism, 2016, 45, 496-501.	1.6	61
16	Deletion of the IgH intronic enhancer and associated matrix-attachment regions decreases, but does not abolish, class switching at the mu locus. International Immunology, 1998, 10, 799-806.	1.8	60
17	Tetracyclines inhibit activated B cell function. International Immunology, 2001, 13, 921-931.	1.8	59
18	Activation of terminal B cell differentiation by inhibition of histone deacetylation. Molecular Immunology, 2003, 39, 923-932.	1.0	56

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19	Efficacy of B cell depletion therapy for murine joint arthritis flare is associated with increased lymphatic flow. Arthritis and Rheumatism, 2013, 65, 130-138.	6.7	53
20	Down-regulation of CD20 on B cells upon CD40 activation. European Journal of Immunology, 2003, 33, 2398-2409.	1.6	51
21	Animal models of rheumatoid pain: experimental systems and insights. Arthritis Research and Therapy, 2017, 19, 146.	1.6	47
22	An expressed neo(r) cassette provides required functions of the 1gamma2b exon for class switching. International Immunology, 1998, 10, 1683-1692.	1.8	45
23	CD23+/CD21hi B-cell translocation and ipsilateral lymph node collapse is associated with asymmetric arthritic flare in TNF-Tg mice. Arthritis Research and Therapy, 2011, 13, R138.	1.6	44
24	The Ig heavy chain intronic enhancer core region is necessary and sufficient to promote efficient class switch recombination. International Immunology, 1999, 11, 1709-1713.	1.8	38
25	Chronic exposure to tumor necrosis factor in vivo induces hyperalgesia, upregulates sodium channel gene expression and alters the cellular electrophysiology of dorsal root ganglion neurons. Neuroscience Letters, 2017, 653, 195-201.	1.0	38
26	Discordance between IgA Switching at the DNA Level and IgA Expression at the mRNA Level in IgA-Deficient Patients. Clinical Immunology, 1999, 91, 263-270.	1.4	37
27	Baseline CXCL10 and CXCL13 levels are predictive biomarkers for tumor necrosis factor inhibitor therapy in patients with moderate to severe rheumatoid arthritis: a pilot, prospective study. Arthritis Research and Therapy, 2016, 18, 93.	1.6	35
28	Brief Report: Treatment of Tumor Necrosis Factorâ€"Transgenic Mice With Antiâ€"Tumor Necrosis Factor Restores Lymphatic Contractions, Repairs Lymphatic Vessels, and May Increase Monocyte/Macrophage Egress. Arthritis and Rheumatology, 2017, 69, 1187-1193.	2.9	35
29	Structural Phylogenetic Analysis of Activation-Induced Deaminase Function. Journal of Immunology, 2006, 177, 355-361.	0.4	34
30	Pulsed-field gel analysis of human immunoglobulin heavy-chain constant region gene deletions reveals the extent of unmapped regions within the locus. Genomics, 1989, 4, 505-508.	1.3	32
31	New types of multiple and single gene deletions in the humanIgCH locus. Immunogenetics, 1989, 29, 44-48.	1.2	27
32	Peroxisome Proliferator-Activated Receptor Î³ B Cell-Specificâ€"Deficient Mice Have an Impaired Antibody Response. Journal of Immunology, 2012, 189, 4740-4747.	0.4	27
33	Extensive Deletion of Immunoglobulin Heavy Chain Constant Region Genes in the Absence of Recurrent Infections: When Is IgG Subclass Deficiency Clinically Relevant?. Clinical Immunology and Immunopathology, 1993, 68, 46-50.	2.1	25
34	Normal Isotype Switching in B Cells Lacking the IÎ¼ Exon Splice Donor Site: Evidence for Multiple IÎ¼-Like Germline Transcripts. Journal of Immunology, 2000, 164, 1451-1457.	0.4	25
35	Variability of the immunoglobulin heavy chain constant region locus: a population study. Human Genetics, 1995, 95, 319-26.	1.8	24
36	CD23+CD21highCD1dhigh B Cells in Inflamed Lymph Nodes Are a Locally Differentiated Population with Increased Antigen Capture and Activation Potential. Journal of Immunology, 2012, 188, 5944-5953.	0.4	21

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37	Genetic analysis of new restriction fragment length polymorphisms (rflp) in the human igh constant gene locus. European Journal of Immunology, 1989, 19, 2151-2157.	1.6	20
38	The biologic properties of leukemias arising from BCR/ABL-mediated transformation vary as a function of developmental origin and activity of the p19ARF gene. Blood, 2008, 112, 4184-4192.	0.6	20
39	Increased numbers of CD23⁺CD21^{hi} Binâ€like B cells in human reactive and rheumatoid arthritis lymph nodes. European Journal of Immunology, 2016, 46, 1752-1757.	1.6	19
40	Familial clustering of IGHC deletions and duplications: functional and molecular analysis. Immunogenetics, 1993, 37, 356-363.	1.2	18
41	Human ighlocus restriction fragment length polymorphisms in igg4 deficiency: evidence for a structural ighc defect. European Journal of Immunology, 1989, 19, 2159-2162.	1.6	16
42	Multiple levels of analysis of an IGHG4 gene deletion. Human Genetics, 1990, 86, 191-7.	1.8	16
43	Longâ€term immunologically competent human peripheral lymphoid tissue cultures in a 3D bioreactor. Biotechnology and Bioengineering, 2011, 108, 1430-1440.	1.7	16
44	Mad1 is a transcriptional repressor of Bcl-6. Molecular Immunology, 2006, 43, 1965-1971.	1.0	13
45	Immunology in the spotlight at the Dover 'Intelligent Design' trial. Nature Immunology, 2006, 7, 433-435.	7.0	13
46	Requirement for Enhancer Specificity in Immunoglobulin Heavy Chain Locus Regulation. Journal of Immunology, 2008, 180, 7443-7450.	0.4	13
47	American Association of Immunologists Recommendations for an Undergraduate Course in Immunology. ImmunoHorizons, 2021, 5, 448-465.	0.8	12
48	IMMUNOGLOBULIN AND HLA-DP GENES CONTRIBUTE TO THE SUSCEPTIBILITY TO JUVENILE DERMATITIS HERPETIFORMIS. International Journal of Immunogenetics, 1992, 19, 129-139.	1.2	9
49	The genetics of IgG4 deficiency: Role of the immunoglobulin heavy chain constant region and HLA loci. European Journal of Immunology, 1992, 22, 227-233.	1.6	9
50	Activation induced deaminase: the importance of being specific. Trends in Genetics, 2004, 20, 224-227.	2.9	8
51	Differential cellular composition of human palatine and pharyngeal tonsils. Archives of Oral Biology, 2018, 96, 80-86.	0.8	8
52	TNF signals are dispensable for the generation of CD23+ CD21/35-high CD1d-high B cells in inflamed lymph nodes. Cellular Immunology, 2015, 296, 133-137.	1.4	7
53	Vilidation of IgA1 and IgA2 measurements by a solid-phase immunoradiometric assay in serum and secretions. International Journal of Clinical and Laboratory Research, 1994, 24, 154-161.	1.0	5
54	Primate immunoglobulin heavy chain constant gamma genes: an hypothesis of their evolution. Human Evolution, 1998, 13, 49-56.	2.0	4

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55	A new murine model of humoral immuno-deficiency specifically affects class switching to T-independent antigens. European Journal of Immunology, 2004, 34, 1807-1816.	1.6	3
56	Analysis of Lymphocyte Development and Function Using the RAG-Deficient Blastocyst Complementation System. , 2004, 271, 77-90.		2
57	Editorial: The Present and Future of Immunology Education. Frontiers in Immunology, 2021, 12, 744090.	2.2	2
58	VCAM-1 Expression in B-Lymphopoiesis and Leukemia.. Blood, 2004, 104, 3247-3247.	0.6	1
59	Immunochemical and structural characterization of an IgG1 heavy chain disease. Research in Clinic and Laboratory, 1989, 19, 59-65.	0.3	1
60	Chronic Exposure to Tumor Necrosis Factor in Vivo Induces Hyperalgesia, Upregulates Sodium Channel Gene Expression and Alters the Cellular Electrophysiology of Dorsal Root Ganglion Neurons. Biophysical Journal, 2019, 116, 391a.	0.2	0
61	The biochemical genetics of amyloid fibril proteins. Research in Clinic and Laboratory, 1989, 19, 27-38.	0.3	0