Max D Cooper

List of Publications by Year
in descending order

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Version: 2024-02-01

63 papers	5,386 citations	136740 32 h-index	128067 60 g-index
64 all docs	64 docs citations	64 times ranked	4008 citing authors

#	Article	IF	Citations
1	The Evolution of Adaptive Immune Systems. Cell, 2006, 124, 815-822.	13.5	642
2	Somatic diversification of variable lymphocyte receptors in the agnathan sea lamprey. Nature, 2004, 430, 174-180.	13.7	592
3	Dual nature of the adaptive immune system in lampreys. Nature, 2009, 459, 796-801.	13.7	296
4	Diversity and Function of Adaptive Immune Receptors in a Jawless Vertebrate. Science, 2005, 310, 1970-1973.	6.0	291
5	VLR-Based Adaptive Immunity. Annual Review of Immunology, 2012, 30, 203-220.	9.5	217
6	Variable lymphocyte receptors in hagfish. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9224-9229.	3.3	200
7	Differential expression of two t cell receptors, tcr1 and tcr2, on chicken lymphocytes. European Journal of Immunology, 1988, 18, 539-544.	1.6	189
8	Evolutionary implications of a third lymphocyte lineage in lampreys. Nature, 2013, 501, 435-438.	13.7	180
9	A thymus candidate in lampreys. Nature, 2011, 470, 90-94.	13.7	175
10	Antigen Recognition by Variable Lymphocyte Receptors. Science, 2008, 321, 1834-1837.	6.0	163
11	The early history of B cells. Nature Reviews Immunology, 2015, 15, 191-197.	10.6	160
12	The Evolution of Adaptive Immunity in Vertebrates. Advances in Immunology, 2011, 109, 125-157.	1.1	158
13	Antibody responses of variable lymphocyte receptors in the lamprey. Nature Immunology, 2008, 9, 319-327.	7.0	151
14	Structure and specificity of lamprey monoclonal antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2040-2045.	3.3	140
15	The evolution of innate lymphoid cells. Nature Immunology, 2016, 17, 790-794.	7.0	140
16	Isolation and characterization of lymphocyte-like cells from a lamprey. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14350-14355.	3.3	133
17	Lamprey lymphocyte-like cells express homologs of genes involved in immunologically relevant activities of mammalian lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14356-14361.	3.3	133
18	Prototypic T cell receptor and CD4-like coreceptor are expressed by lymphocytes in the agnathan sea lamprey. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13273-13278.	3.3	128

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19	Characterization of avian natural killer cells and their intracellular CD3 protein complex. European Journal of Immunology, 1994, 24, 1685-1691.	1.6	96
20	Evolution of Alternative Adaptive Immune Systems in Vertebrates. Annual Review of Immunology, 2018, 36, 19-42.	9.5	92
21	Aberrations of the B-Cell Receptor B29 (CD79b) Gene in Chronic Lymphocytic Leukemia. Blood, 1997, 90, 1387-1394.	0.6	82
22	How did our complex immune system evolve?. Nature Reviews Immunology, 2010, 10, 2-3.	10.6	61
23	Characterization of Lamprey IL-17 Family Members and Their Receptors. Journal of Immunology, 2015, 195, 5440-5451.	0.4	56
24	Growth requirements for avian Î³Î´ T cells include exogenous cytokines, receptor ligation and in vivo priming. European Journal of Immunology, 1993, 23, 2230-2236.	1.6	53
25	An amphibian CD3 homologue of the mammalian CD3 Î³ and Î´ genes. European Journal of Immunology, 1997, 27, 1640-1647.	1.6	53
26	Definition of a third VLR gene in hagfish. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15013-15018.	3.3	53
27	Organization of lampreyvariable lymphocyte receptor Clocus and repertoire development. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6043-6048.	3.3	49
28	Genetic and immunologic analysis of a family containing five patients with common-variable immune deficiency or selective IgA deficiency. Journal of Clinical Immunology, 1992, 12, 406-414.	2.0	47
29	Variable Lymphocyte Receptor Recognition of the Immunodominant Glycoprotein of Bacillus anthracis Spores. Structure, 2012, 20, 479-486.	1.6	47
30	Widespread tissue distribution of aminopeptidase A, an evolutionarily conserved ectoenzyme recognized by the BPâ€1 antibody. Tissue Antigens, 1993, 42, 488-496.	1.0	46
31	Characterization of Lamprey BAFF-like Gene: Evolutionary Implications. Journal of Immunology, 2016, 197, 2695-2703.	0.4	33
32	Î³Î´ T cells are secondary participants in acute graft-versus-host reactions initiated by CD4+ Î±Î²T cells. European Journal of Immunology, 1996, 26, 420-427.	1.6	32
33	Immunoglobulin heavy-chain switching in pre-B leukaemias. Nature, 1983, 301, 340-342.	13.7	31
34	Variable domains and a VpreB-like molecule are present in a jawless vertebrate. Immunogenetics, 2005, 56, 924-929.	1.2	31
35	Migration patterns of thymus-derived Î³Î´ T cells during chicken development. European Journal of Immunology, 1993, 23, 2545-2550.	1.6	30
36	Selection of the lamprey VLRC antigen receptor repertoire. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14834-14839.	3.3	30

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37	Expression of an avian CD6 candidate is restricted to Î±Î² T cells, splenic CD8+ Î³Î´ T cells and embryonic natural killer cells. European Journal of Immunology, 1996, 26, 1743-1747.	1.6	28
38	Exploring lymphocyte differentiation pathways. Immunological Reviews, 2002, 185, 175-185.	2.8	28
39	Structural Insights into VLR Fine Specificity for Blood Group Carbohydrates. Structure, 2017, 25, 1667-1678.e4.	1.6	27
40	Development of smart anti-glycan reagents using immunized lampreys. Communications Biology, 2020, 3, 91.	2.0	27
41	Purification and identification of cell surface antigens using lamprey monoclonal antibodies. Journal of Immunological Methods, 2012, 386, 43-49.	0.6	26
42	Evolution of two prototypic T cell lineages. Cellular Immunology, 2015, 296, 87-94.	1.4	25
43	A Life of Adventure in Immunobiology. Annual Review of Immunology, 2010, 28, 1-19.	9.5	24
44	Identification of human plasma cells with a lamprey monoclonal antibody. JCI Insight, 2016, 1, .	2.3	21
45	Genomic donor cassette sharing duringVLRAandVLRCassembly in jawless vertebrates. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14828-14833.	3.3	18
46	The enigmatic role of glutamyl aminopeptidase (BP-1/6C3 antigen) in immune system development. Immunological Reviews, 1998, 161, 71-77.	2.8	17
47	Leucine-rich-repeat-containing variable lymphocyte receptors as modules to target plant-expressed proteins. Plant Methods, 2017, 13, 29.	1.9	15
48	Chronic Lymphocytic Leukemia Monitoring with a Lamprey Idiotope-Specific Antibody. Cancer Immunology Research, 2013, 1, 223-228.	1.6	14
49	A tyrosine sulfationâ€“dependent HLA-I modification identifies memory B cells and plasma cells. Science Advances, 2018, 4, eaar7653.	4.7	13
50	Novel lamprey antibody recognizes terminal sulfated galactose epitopes on mammalian glycoproteins. Communications Biology, 2021, 4, 674.	2.0	13
51	The Biologic Perturbations of Persistent Embryonic Mumps Virus Infection. Pediatric Research, 1973, 7, 541-552.	1.1	12
52	VLR Recognition of TLR5 Expands the Molecular Characterization of Protein Antigen Binding by Non-Ig-based Antibodies. Journal of Molecular Biology, 2018, 430, 1350-1367.	2.0	12
53	Inhibitory signaling potential of a TCRâ€like molecule in lamprey. European Journal of Immunology, 2009, 39, 571-579.	1.6	11
54	Immune Related Genes Underpin the Evolution of Adaptive Immunity in Jawless Vertebrates. Current Genomics, 2012, 13, 86-94.	0.7	11

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55	Aberrations of the B-Cell Receptor B29 (CD79b) Gene in Chronic Lymphocytic Leukemia. Blood, 1997, 90, 1387-1394.	0.6	7
56	Inhibition of immune cell function. Immunological Reviews, 2008, 224, 7-10.	2.8	6
57	Evolution of variable lymphocyte receptor B antibody loci in jawless vertebrates. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	6
58	B lymphocyte migration to the bone marrow of humans is not random. , 1999, 18, 223-231.		4
59	Identification of Glycan-Specific Variable Lymphocyte Receptors Using Yeast Surface Display and Glycan Microarrays. Methods in Molecular Biology, 2022, 2421, 73-89.	0.4	4
60	Crystal structure of an anti-idiotype variable lymphocyte receptor. Acta Crystallographica Section F, Structural Biology Communications, 2017, 73, 682-687.	0.4	3
61	Ancient BCMA-like Genes Herald B Cell Regulation in Lampreys. Journal of Immunology, 2019, 203, 2909-2916.	0.4	3
62	Unraveling the Arthus Mystery: Fc Receptors and the Holy Grail of Inflammation. Journal of Immunology, 2022, 208, 1517-1518.	0.4	1
63	Which came first, T cells or B cells?. Nature Reviews Immunology, 2021, 21, 616-617.	10.6	0