Robert M Anthony

List of Publications by Year
in descending order

32 papers	7,174 citations	249298 26 h-index	511568 30 g-index
32 all docs	32 docs citations	32 times ranked	9903 citing authors

#	Article	IF	Citations
1	Sialylation as an Important Regulator of Antibody Function. Frontiers in Immunology, 2022, 13, 818736.	2.2	31
2	Modulating T Follicular Cells In Vivo Enhances Antigen-Specific Humoral Immunity. Journal of Immunology, 2021, 206, 2583-2595.	0.4	0
3	The Crossroads of Glycoscience, Infection, and Immunology. Frontiers in Microbiology, 2021, 12, 731008.	1.5	3
4	Sialylation of immunoglobulin E is a determinant of allergic pathogenicity. Nature, 2020, 582, 265-270.	13.7	93
5	IgE Glycosylation in Health and Disease. Current Topics in Microbiology and Immunology, 2019, 423, 77-93.	0.7	21
6	Engineered Sialylation of Pathogenic Antibodies InÂVivo Attenuates Autoimmune Disease. Cell, 2018, 172, 564-577.e13.	13.5	166
7	Modulation of Inflammatory Arthritis in Mice by Gut Microbiota Through Mucosal Inflammation and Autoantibody Generation. Arthritis and Rheumatology, 2018, 70, 1220-1233.	2.9	126
8	Maintenance of macrophage transcriptional programs and intestinal homeostasis by epigenetic reader SP140. Science Immunology, 2017, 2, .	5.6	54
9	In vivo imaging reveals a tumor-associated macrophageâ€“mediated resistance pathway in antiâ€“PD-1 therapy. Science Translational Medicine, 2017, 9, .	5.8	466
10	Dual action of neurokinin-1 antagonists on Mas-related GPCRs. JCI Insight, 2016, 1, e89362.	2.3	125
11	IgE/FcÎµRI-Mediated Antigen Cross-Presentation by Dendritic Cells Enhances Anti-Tumor Immune Responses. Cell Reports, 2015, 10, 1487-1495.	2.9	61
12	A single glycan on IgE is indispensable for initiation of anaphylaxis. Journal of Experimental Medicine, 2015, 212, 457-467.	4.2	111
13	FcÎ³ Receptors as Therapeutic Targets. , 2014, , 283-296.		1
14	Antibody Glycosylation and Inflammation. Antibodies, 2013, 2, 392-414.	1.2	94
15	Acute inflammation primes myeloid effector cells for anti-inflammatory STAT6 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13487-13491.	3.3	22
16	Novel roles for the IgG Fc glycan. Annals of the New York Academy of Sciences, 2012, 1253, 170-180.	1.8	160
17	Intravenous gammaglobulin suppresses inflammation through a novel TH2 pathway. Nature, 2011, 475, 110-113.	13.7	565
18	The role of differential IgG glycosylation in the interaction of antibodies with FcÎ³Rs in vivo. Current Opinion in Organ Transplantation, 2011, 16, 7-14.	0.8	83

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19	A Novel Role for the IgG Fc Glycan: The Anti-inflammatory Activity of Sialylated IgG Fcs. Journal of Clinical Immunology, 2010, 30, 9-14.	2.0	273
20	Th2 Cytokine-Induced Alterations in Intestinal Smooth Muscle Function Depend on Alternatively Activated Macrophages. Gastroenterology, 2008, 135, 217-225.e1.	0.6	183
21	Recapitulation of IVIG Anti-Inflammatory Activity with a Recombinant IgG Fc. Science, 2008, 320, 373-376.	6.0	748
22	Identification of a receptor required for the anti-inflammatory activity of IVIG. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19571-19578.	3.3	489
23	Agalactosylated IgG antibodies depend on cellular Fc receptors for in vivo activity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8433-8437.	3.3	227
24	Infection with parasitic nematodes confounds vaccination efficacy. Veterinary Parasitology, 2007, 148, 14-20.	0.7	86
25	Alternatively activated macrophages in helminth infections. Current Opinion in Immunology, 2007, 19, 448-453.	2.4	302
26	Protective immune mechanisms in helminth infection. Nature Reviews Immunology, 2007, 7, 975-987.	10.6	807
27	Memory TH2 cells induce alternatively activated macrophages to mediate protection against nematode parasites. Nature Medicine, 2006, 12, 955-960.	15.2	469
28	IL-2 and Autocrine IL-4 Drive the In Vivo Development of Antigen-Specific Th2 T Cells Elicited by Nematode Parasites. Journal of Immunology, 2005, 174, 2242-2249.	0.4	42
29	Peripheral CD4 T Cells Rapidly Accumulate at the Host:Parasite Interface during an Inflammatory Th2 Memory Response. Journal of Immunology, 2004, 172, 2424-2430.	0.4	77
30	High-Throughput Generation of P. falciparum Functional Molecules by Recombinational Cloning. Genome Research, 2004, 14, 2076-2082.	2.4	58
31	Requirements for the development of IL-4-producing T cells during intestinal nematode infections: what it takes to make a Th2 cell in vivo. Immunological Reviews, 2004, 201, 57-74.	2.8	47
32	A proteomic view of the Plasmodium falciparum life cycle. Nature, 2002, 419, 520-526.	13.7	1,184