Joan M Goverman

List of Publications by Year
in descending order

60 papers	8,158 citations	76326 40 h-index	128289 60 g-index
89 all docs	89 docs citations	89 times ranked	8296 citing authors

#	Article	IF	Citations
1	Regulatory T Cells in Multiple Sclerosis. New England Journal of Medicine, 2021, 384, 578-580.	27.0	12
2	Pathogenic T cell cytokines in multiple sclerosis. Journal of Experimental Medicine, 2020, 217, .	8.5	63
3	Oligodendrocyte precursor cells present antigen and are cytotoxic targets in inflammatory demyelination. Nature Communications, 2019, 10, 3887.	12.8	245
4	Myelin-specific CD8+ T cells exacerbate brain inflammation in CNS autoimmunity. Journal of Clinical Investigation, 2019, 130, 203-213.	8.2	65
5	The contribution of neutrophils to CNS autoimmunity. Clinical Immunology, 2018, 189, 23-28.	3.2	80
6	Speaking out about gender imbalance in invited speakers improves diversity. Nature Immunology, 2017, 18, 475-478.	14.5	81
7	Cytokine networks in neuroinflammation. Nature Reviews Immunology, 2017, 17, 49-59.	22.7	479
8	GM-CSF is not essential for experimental autoimmune encephalomyelitis but promotes brain-targeted disease. JCI Insight, 2017, 2, e92362.	5.0	36
9	Distinct T cell signatures define subsets of patients with multiple sclerosis. Neurology: Neuroimmunology and NeuroInflammation, 2016, 3, e278.	6.0	19
10	Novel Insights and Therapeutics in Multiple Sclerosis. F1000Research, 2015, 4, 517.	1.6	17
11	B Cells Promote Induction of Experimental Autoimmune Encephalomyelitis by Facilitating Reactivation of T Cells in the Central Nervous System. Journal of Immunology, 2014, 192, 929-939.	0.8	78
12	Cytokine-Regulated Neutrophil Recruitment Is Required for Brain but Not Spinal Cord Inflammation during Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2014, 193, 555-563.	0.8	93
13	Modeling the heterogeneity of multiple sclerosis in animals. Trends in Immunology, 2013, 34, 410-422.	6.8	161
14	MHC class Iâ€"restricted myelin epitopes are cross-presented by Tip-DCs that promote determinant spreading to CD8+ T cells. Nature Immunology, 2013, 14, 254-261.	14.5	101
15	The Influence of T Cell Ig Mucin-3 Signaling on Central Nervous System Autoimmune Disease Is Determined by the Effector Function of the Pathogenic T Cells. Journal of Immunology, 2013, 190, 4991-4999.	0.8	60
16	Mechanisms regulating regional localization of inflammation during CNS autoimmunity. Immunological Reviews, 2012, 248, 205-215.	6.0	168
17	Immune tolerance in multiple sclerosis. Immunological Reviews, 2011, 241, 228-240.	6.0	85
18	Viral infection triggers central nervous system autoimmunity via activation of CD8+ T cells expressing dual TCRs. Nature Immunology, 2010, 11, 628-634.	14.5	137

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19	Autoimmune T cell responses in the central nervous system. Nature Reviews Immunology, 2009, 9, 393-407.	22.7	849
20	Differential regulation of central nervous system autoimmunity by TH1 and TH17 cells. Nature Medicine, 2008, 14, 337-342.	30.7	569
21	A New Twist in TCR Diversity Revealed by a Forbidden Î±Î² TCR. Journal of Molecular Biology, 2008, 375, 1306-1319.	4.2	21
22	Crosspresentation by nonhematopoietic and direct presentation by hematopoietic cells induce central tolerance to myelin basic protein. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14040-14045.	7.1	22
23	Regulatory T Cells Maintain Long-Term Tolerance to Myelin Basic Protein by Inducing a Novel, Dynamic State of T Cell Tolerance. Journal of Immunology, 2007, 178, 887-896.	0.8	26
24	Osteopontin-induced survival of T cells. Nature Immunology, 2007, 8, 19-20.	14.5	28
25	Experimental Autoimmune Encephalomyelitis Mediated by CD8+ T Cells. Annals of the New York Academy of Sciences, 2007, 1103, 157-166.	3.8	34
26	Passive induction of experimental allergic encephalomyelitis. Nature Protocols, 2006, 1, 1952-1960.	12.0	177
27	Active induction of experimental allergic encephalomyelitis. Nature Protocols, 2006, 1, 1810-1819.	12.0	477
28	Endogenous Myelin Basic Protein Is Presented in the Periphery by Both Dendritic Cells and Resting B Cells with Different Functional Consequences. Journal of Immunology, 2006, 177, 2097-2106.	0.8	26
29	The Role of CD8+ T Cells in Multiple Sclerosis and its Animal Models. Inflammation and Allergy: Drug Targets, 2005, 4, 239-245.	3.1	68
30	CD8+ T cells maintain tolerance to myelin basic protein by 'epitope theft'. Nature Immunology, 2004, 5, 606-614.	14.5	69
31	Immune Tolerance to Myelin Proteins. Immunologic Research, 2003, 28, 201-222.	2.9	27
32	Competition Between Two MHC Binding Registers in a Single Peptide Processed from Myelin Basic Protein Influences Tolerance and Susceptibility to Autoimmunity. Journal of Experimental Medicine, 2003, 197, 1391-1397.	8.5	47
33	A Molecular Marker for Thymocyte-Positive Selection: Selection of CD4 Single-Positive Thymocytes with Shorter TCRB CDR3 During T Cell Development. Journal of Immunology, 2002, 168, 3801-3807.	0.8	41
34	Retinoic Acid Enhances the T Helper 2 Cell Development That Is Essential for Robust Antibody Responses through Its Action on Antigen-Presenting Cells. Journal of Nutrition, 2002, 132, 3736-3739.	2.9	101
35	Differences Between Two Strains of Myelin Basic Protein (MBP) TCR Transgenic Mice: Implications for Tolerance Induction. Journal of Autoimmunity, 2002, 18, 27-37.	6.5	4
36	Age-Dependent T Cell Tolerance and Autoimmunity to Myelin Basic Protein. Immunity, 2001, 14, 471-481.	14.3	93

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37	Rag-1-dependent cells are necessary for 1,25-dihydroxyvitamin D3 prevention of experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2001, 119, 16-29.	2.3	105
38	Rapid Depletion of Peripheral Antigen-Specific T Cells in TCR-Transgenic Mice After Oral Administration of Myelin Basic Protein. Journal of Immunology, 2001, 166, 5773-5781.	0.8	18
39	A Pathogenic Role for Myelin-Specific Cd8+ T Cells in a Model for Multiple Sclerosis. Journal of Experimental Medicine, 2001, 194, 669-676.	8.5	578
40	Tolerating the Nervous System. Journal of Experimental Medicine, 2000, 191, 757-760.	8.5	22
41	In Situ Tolerance within the Central Nervous System as a Mechanism for Preventing Autoimmunity. Journal of Experimental Medicine, 2000, 192, 871-880.	8.5	157
42	Tolerance and autoimmunity in TCR transgenic mice specific for myelin basic protein. Immunological Reviews, 1999, 169, 147-159.	6.0	46
43	Differential Tolerance Is Induced in T Cells Recognizing Distinct Epitopes of Myelin Basic Protein. Immunity, 1998, 8, 571-580.	14.3	170
44	A Molecular Map of T Cell Development. Immunity, 1998, 9, 179-186.	14.3	86
45	TCR signaling regulates thymic organization: lessons from TCR-transgenic mice. Trends in Immunology, 1997, 18, 204-208.	7.5	23
46	Thymic stromal organization is regulated by the specificity of T cell receptor/major histocompatibility complex interactions. European Journal of Immunology, 1997, 27, 136-146.	2.9	25
47	Separately expressed T cell receptor Î± and Î² chain transgenes exert opposite effects on T cell differentiation and neoplastic transformation. European Journal of Immunology, 1997, 27, 3039-3048.	2.9	19
48	Oral Tolerance in Myelin Basic Protein TCR Transgenic Micea. Annals of the New York Academy of Sciences, 1996, 778, 412-413.	3.8	2
49	Transgenic mice that express a myelin basic protein-specific T cell receptor develop spontaneous autoimmunity. Cell, 1993, 72, 551-560.	28.9	657
50	Model genomes: The benefits of analysing homologous human and mouse sequences. Trends in Biotechnology, 1992, 10, 19-22.	9.3	10
51	Separation of disulfide-bonded polypeptides using two-dimensional diagonal gel electrophoresis. Methods, 1991, 3, 125-127.	3.8	3
52	Chimeric immunoglobulin-T cell receptor proteins form functional receptors: Implications for T cell receptor complex formation and activation. Cell, 1990, 60, 929-939.	28.9	91
53	A speculative view of the multicomponent nature of T cell antigen recognition. Cell, 1986, 45, 475-484.	28.9	117
54	Predominant use of a VÎ± gene segment in mouse T-cell receptors for cytochrome c. Nature, 1986, 324, 679-682.	27.8	214

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55	Rearrangement and transcription of the Î²-chain genes of the T-cell antigen receptor in different types of murine lymphocytes. Nature, 1985, 313, 647-653.	27.8	183
56	Rearranged Î² t cell receptor genes in a helper t cell clone specific for lysozyme: No correlation between VÎ² and MHC restriction. Cell, 1985, 40, 859-867.	28.9	128
57	Gene transfer of H-2 class II genes: Antigen presentation by mouse fibroblast and hamster B-cell lines. Cell, 1984, 36, 319-327.	28.9	139
58	The T cell receptor Î² chain genes are located on chromosome 6 in mice and chromosome 7 in humans. Cell, 1984, 37, 1091-1099.	28.9	225
59	Mouse T cell antigen receptor: Structure and organization of constant and joining gene segments encoding the Î² polypeptide. Cell, 1984, 37, 1101-1110.	28.9	422
60	An immunoglobulin promoter region is unaltered by DNA rearrangement and somatic mutation during B-cell development. Nucleic Acids Research, 1982, 10, 7731-7749.	14.5	56