Hugh H Reid

List of Publications by Year
in descending order

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53 papers	4,528 citations	126907 33 h-index	189892 50 g-index
53 all docs	53 docs citations	53 times ranked	6499 citing authors

#	Article	IF	Citations
1	Structural basis of T cell receptor specificity and cross-reactivity of two HLA-DQ2.5-restricted gluten epitopes in celiac disease. Journal of Biological Chemistry, 2022, 298, 101619.	3.4	7
2	Structural bases of T cell antigen receptor recognition in celiac disease. Current Opinion in Structural Biology, 2022, 74, 102349.	5.7	6
3	Evaluation of a fit-for-purpose assay to monitor antigen-specific functional CD4+ T-cell subpopulations in rheumatoid arthritis using flow cytometryâ€“based peptide-MHC class-II tetramer staining. Clinical and Experimental Immunology, 2022, 207, 72-83.	2.6	3
4	The shared susceptibility epitope of HLA-DR4 binds citrullinated self-antigens and the TCR. Science Immunology, 2021, 6, .	11.9	14
5	T cell receptor recognition of hybrid insulin peptides bound to HLA-DQ8. Nature Communications, 2021, 12, 5110.	12.8	22
6	Nfkb2 variants reveal a p100-degradation threshold that defines autoimmune susceptibility. Journal of Experimental Medicine, 2021, 218, .	8.5	16
7	T cell receptor cross-reactivity between gliadin and bacterial peptides in celiac disease. Nature Structural and Molecular Biology, 2020, 27, 49-61.	8.2	91
8	Expression and purification of recombinant mouse CRISP4 using a baculovirus system. Protein Expression and Purification, 2020, 167, 105543.	1.3	4
9	A molecular basis for the T cell response in HLA-DQ2.2 mediated celiac disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3063-3073.	7.1	47
10	A plasmid-encoded peptide from Staphylococcus aureus induces anti-myeloperoxidase nephritogenic autoimmunity. Nature Communications, 2019, 10, 3392.	12.8	40
11	Chronic Inflammation Permanently Reshapes Tissue-Resident Immunity in Celiac Disease. Cell, 2019, 176, 967-981.e19.	28.9	126
12	A class of Î³Î´ T cell receptors recognize the underside of the antigen-presenting molecule MR1. Science, 2019, 366, 1522-1527.	12.6	98
13	A microfluidic-SERSplatform for isolation and immuno-phenotyping of antigen specific T-cells. Sensors and Actuators B: Chemical, 2019, 284, 281-288.	7.8	10
14	Discriminative T-cell receptor recognition of highly homologous HLA-DQ2â€“bound gluten epitopes. Journal of Biological Chemistry, 2019, 294, 941-952.	3.4	38
15	PD-L1â€“ and calcitriol-dependent liposomal antigen-specific regulation of systemic inflammatory autoimmune disease. JCI Insight, 2019, 4, .	5.0	51
16	The interplay between citrullination and HLA-DRB1 polymorphism in shaping peptide binding hierarchies in rheumatoid arthritis. Journal of Biological Chemistry, 2018, 293, 3236-3251.	3.4	73
17	Flow Cytometric Clinical Immunomonitoring Using Peptideâ€“MHC Class II Tetramers: Optimization of Methods and Protocol Development. Frontiers in Immunology, 2018, 9, 8.	4.8	11
18	Reply to Roudier et al.: HLA-DRB1 polymorphism, anti-citrullinated protein antibodies, and rheumatoid arthritis. Journal of Biological Chemistry, 2018, 293, 7039.	3.4	0

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19	CD4 ⁺ T cellâ€“mediated HLA class II cross-restriction in HIV controllers. Science Immunology, 2018, 3, .	11.9	54
20	Dominant protection from HLA-linked autoimmunity by antigen-specific regulatory T cells. Nature, 2017, 545, 243-247.	27.8	181
21	Circulating gluten-specific FOXP3 + CD39 + regulatory T cells have impaired suppressive function in patients with celiac disease. Journal of Allergy and Clinical Immunology, 2017, 140, 1592-1603.e8.	2.9	63
22	Molecular basis for increased susceptibility of Indigenous North Americans to seropositive rheumatoid arthritis. Annals of the Rheumatic Diseases, 2017, 76, 1915-1923.	0.9	36
23	Diverse T Cell Receptor Gene Usage in HLA-DQ8-Associated Celiac Disease Converges into a Consensus Binding Solution. Structure, 2016, 24, 1643-1657.	3.3	49
24	The Structure of the Atypical Killer Cell Immunoglobulin-like Receptor, KIR2DL4. Journal of Biological Chemistry, 2015, 290, 10460-10471.	3.4	38
25	Determinants of Gliadin-Specific T Cell Selection in Celiac Disease. Journal of Immunology, 2015, 194, 6112-6122.	0.8	50
26	T cell receptor reversed polarity recognition of a self-antigen major histocompatibility complex. Nature Immunology, 2015, 16, 1153-1161.	14.5	115
27	The myelin oligodendrocyte glycoprotein directly binds nerve growth factor to modulate central axon circuitry. Journal of Cell Biology, 2015, 210, 891-898.	5.2	33
28	T-cell receptor recognition of HLA-DQ2â€“gliadin complexes associated with celiac disease. Nature Structural and Molecular Biology, 2014, 21, 480-488.	8.2	177
29	Purification and biological characterization of soluble, recombinant mouse IFNÎ² expressed in insect cells. Protein Expression and Purification, 2014, 94, 7-14.	1.3	15
30	Identification of Self-antigenâ€“specific T Cells Reflecting Loss of Tolerance in Autoimmune Disease Underpins Preventative Immunotherapeutic Strategies in Rheumatoid Arthritis. Rheumatic Disease Clinics of North America, 2014, 40, 735-752.	1.9	12
31	Structural basis of a unique interferon-Î² signaling axis mediated via the receptor IFNAR1. Nature Immunology, 2013, 14, 901-907.	14.5	255
32	A molecular basis for the association of the HLA-DRB1 locus, citrullination, and rheumatoid arthritis. Journal of Experimental Medicine, 2013, 210, 2569-2582.	8.5	354
33	Biased T Cell Receptor Usage Directed against Human Leukocyte Antigen DQ8-Restricted Gliadin Peptides Is Associated with Celiac Disease. Immunity, 2012, 37, 611-621.	14.3	121
34	CD24 on thymic APCs regulates negative selection of myelin antigenâ€specific T lymphocytes. European Journal of Immunology, 2012, 42, 924-935.	2.9	9
35	Killer cell immunoglobulin-like receptor 3DL1-mediated recognition of human leukocyte antigen B. Nature, 2011, 479, 401-405.	27.8	174
36	Phosphorylated self-peptides alter human leukocyte antigen class I-restricted antigen presentation and generate tumor-specific epitopes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2776-2781.	7.1	69

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37	Differential Recognition of CD1d-Î±-Galactosyl Ceramide by the VÎ²8.2 and VÎ²7 Semi-invariant NKT T Cell Receptors. Immunity, 2009, 31, 47-59.	14.3	198
38	Subtle Changes in Peptide Conformation Profoundly Affect Recognition of the Non-Classical MHC Class I Molecule HLA-E by the CD94â€“NKG2 Natural Killer Cell Receptors. Journal of Molecular Biology, 2008, 377, 1297-1303.	4.2	88
39	CD94-NKG2A recognition of human leukocyte antigen (HLA)-E bound to an HLA class I leader sequence. Journal of Experimental Medicine, 2008, 205, 725-735.	8.5	198
40	A Structural and Immunological Basis for the Role of Human Leukocyte Antigen DQ8 in Celiac Disease. Immunity, 2007, 27, 23-34.	14.3	157
41	The Heterodimeric Assembly of the CD94-NKG2 Receptor Family and Implications for Human Leukocyte Antigen-E Recognition. Immunity, 2007, 27, 900-911.	14.3	87
42	The production and crystallization of the human leukocyte antigen class II molecules HLA-DQ2 and HLA-DQ8 complexed with deamidated gliadin peptides implicated in coeliac disease. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 1021-1025.	0.7	16
43	A T cell receptor flattens a bulged antigenic peptide presented by a major histocompatibility complex class I molecule. Nature Immunology, 2007, 8, 268-276.	14.5	206
44	A structural basis for selection and cross-species reactivity of the semi-invariant NKT cell receptor in CD1d/glycolipid recognition. Journal of Experimental Medicine, 2006, 203, 661-673.	8.5	105
45	Structural basis for a major histocompatibility complex class Ibâ€“restricted T cell response. Nature Immunology, 2006, 7, 256-264.	14.5	109
46	A BAFF antagonist suppresses experimental autoimmune encephalomyelitis by targeting cell-mediated and humoral immune responses. International Immunology, 2006, 18, 1473-1485.	4.0	79
47	The CDR3 regions of an immunodominant T cell receptor dictate the 'energetic landscape' of peptide-MHC recognition. Nature Immunology, 2005, 6, 171-180.	14.5	187
48	Bimolecular Interaction of Insulin-Like Growth Factor (IGF) Binding Protein-2 with Î±vÎ²3 Negatively Modulates IGF-I-Mediated Migration and Tumor Growth 1. Cancer Research, 2004, 64, 977-984.	0.9	83
49	The magnitude and encephalogenic potential of autoimmune response to MOG is enhanced in MOG deficient mice. Journal of Autoimmunity, 2003, 21, 339-351.	6.5	26
50	The crystal structure of myelin oligodendrocyte glycoprotein, a key autoantigen in multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11059-11064.	7.1	121
51	Granulocyte Macrophage Colony-Stimulating Factor. Journal of Experimental Medicine, 2001, 194, 873-882.	8.5	390
52	Baculovirus cDNA libraries for expression cloning of genes encoding cell-surface antigens. Journal of Immunological Methods, 1997, 203, 131-139.	1.4	16
53	Inhibitory effect of anoxia on 125I-insulin binding by rat hepatocytes. Diabetes Research and Clinical Practice, 1986, 2, 15-22.	2.8	0