Harry W Schroeder

List of Publications by Year
in descending order

107 papers	6,223 citations	94433 37 h-index	71685 76 g-index
110 all docs	110 docs citations	110 times ranked	7109 citing authors

#	Article	IF	Citations
1	Attenuated asthma phenotype in mice with a fetal-like antigen receptor repertoire. Scientific Reports, 2021, 11, 14199.	3.3	1
2	Peripheral CD4 T follicular cells induced by a conjugated pneumococcal vaccine correlate with enhanced opsonophagocytic antibody responses in younger individuals. Vaccine, 2020, 38, 1778-1786.	3.8	22
3	Use of FEF25â€“75% to Guide IgG Dosing to Protect Pulmonary Function in CVID. Journal of Clinical Immunology, 2020, 40, 310-320.	3.8	1
4	Preimmune Control of the Variance of TCR CDR-B3: Insights Gained From Germline Replacement of a TCR DÎ² Gene Segment With an Ig DH Gene Segment. Frontiers in Immunology, 2020, 11, 2079.	4.8	4
5	Replacement of TCR DÎ² With Immunoglobulin DH DSP2.3 Imposes a Tyrosine-Enriched TCR Repertoire and Adversely Affects T Cell Development. Frontiers in Immunology, 2020, 11, 573413.	4.8	1
6	Antigen Receptor Genes, Gene Products, and Coreceptors. , 2019, , 55-77.e1.		0
7	Disruption of the preB Cell Receptor Complex Leads to Decreased Bone Mass. Frontiers in Immunology, 2019, 10, 2063.	4.8	6
8	A role for maternal IgG in protecting infants from allergen-specific IgE sensitization. Journal of Allergy and Clinical Immunology, 2019, 144, 410-412.	2.9	2
9	The Many Gaps in Our Knowledge of the Etiology, Pathogenesis, Complications, and Prognosis of Hypogammaglobulinemia and Common Variable Immune Deficiency. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 1285-1286.	3.8	0
10	Primary Antibody Deficiencies. , 2019, , 471-487.e1.		1
11	Susceptibility Loci in C57BL/6 sle1, sle2 and sle3 Contain Genes that Alter Peripheral Selection of the CDR-H3 Sequences Enriched for Arginine. Journal of Clinical & Cellular Immunology, 2018, 09, .	1.5	0
12	Mixing the Old with the New: Drug Repurposing for Immune Deficiency in the Era of Precision Medicine and Pediatric Genomics. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 2168-2169.	3.8	0
13	Absorbance summation: A novel approach for analyzing high-throughput ELISA data in the absence of a standard. PLoS ONE, 2018, 13, e0198528.	2.5	27
14	A previously unrecognized 22q13.2 microdeletion syndrome that encompasses TCF20 and TNFRSF13C. American Journal of Medical Genetics, Part A, 2018, 176, 2791-2797.	1.2	22
15	The sequences encoded by immunoglobulin diversity (D_H) gene segments play key roles in controlling Bâ€cell development, antigenâ€binding site diversity, and antibody production. Immunological Reviews, 2018, 284, 106-119.	6.0	31
16	In the Absence of Central pre-B Cell Receptor Selection, Peripheral Selection Attempts to Optimize the Antibody Repertoire by Enriching for CDR-H3 Y101. Frontiers in Immunology, 2018, 9, 120.	4.8	4
17	Alterations in B cell development, CDR-H3 repertoire and dsDNA-binding antibody production among C57BL/6 Î”Dâ^'iD mice congenic for the lupus susceptibility loci sle1, sle2 or sle3. Autoimmunity, 2017, 50, 42-51.	2.6	3
18	The Global Self-Reactivity Profile of the Natural Antibody Repertoire Is Largely Independent of Germline DH Sequence. Frontiers in Immunology, 2016, 7, 296.	4.8	6

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19	HIV-1 gp140 epitope recognition is influenced by immunoglobulin DH gene segment sequence. Immunogenetics, 2016, 68, 145-155.	2.4	18
20	Killer cell immunoglobulin-like receptors are associated with common variable immune deficiency pathogenesis. Journal of Allergy and Clinical Immunology, 2016, 138, 1495-1498.	2.9	8
21	VpreB serves as an invariant surrogate antigen for selecting immunoglobulin antigen-binding sites. Science Immunology, 2016, 1, .	11.9	29
22	The Extended Clinical Phenotype of 26 Patients with Chronic Mucocutaneous Candidiasis due to Gain-of-Function Mutations in STAT1. Journal of Clinical Immunology, 2016, 36, 73-84.	3.8	124
23	The role of evolutionarily conserved germâ€line D_H sequence in Bâ€1 cell development and natural antibody production. Annals of the New York Academy of Sciences, 2015, 1362, 48-56.	3.8	8
24	Development and Function of B Cell Subsets. , 2015, , 99-119.		8
25	The Evolution and Development of the Antibody Repertoire. Frontiers in Immunology, 2015, 6, 33.	4.8	18
26	Violation of an Evolutionarily Conserved Immunoglobulin Diversity Gene Sequence Preference Promotes Production of dsDNA-Specific IgG Antibodies. PLoS ONE, 2015, 10, e0118171.	2.5	27
27	Clonal Progression during the T Cell-Dependent B Cell Antibody Response Depends on the Immunoglobulin DH Gene Segment Repertoire. Frontiers in Immunology, 2014, 5, 385.	4.8	21
28	Differences in the Composition of the Human Antibody Repertoire by B Cell Subsets in the Blood. Frontiers in Immunology, 2014, 5, 96.	4.8	62
29	The link between antibodies to OxLDL and natural protection against pneumococci depends on DH gene conservation. Journal of Experimental Medicine, 2013, 210, 875-890.	8.5	50
30	Recirculating bone marrow <scp>B</scp> cells in <scp>C</scp>57<scp>BL</scp>/6 mice are more tolerant of highly hydrophobic and highly charged <scp>CDR</scp>â€<scp>H</scp>3s than those in <scp>BALB</scp>/c mice. European Journal of Immunology, 2013, 43, 629-640.	2.9	25
31	Nonstereotyped Lymphoma B Cell Receptors Recognize Vimentin as a Shared Autoantigen. Journal of Immunology, 2013, 190, 4887-4898.	0.8	45
32	B-cell development and differentiation. , 2013, , 90-101.		0
33	Antigen receptor genes, gene products, and co-receptors. , 2013, , 47-67.		0
34	Primary antibody deficiencies. , 2013, , 421-436.		0
35	IgA Response in Preterm Neonates Shows Little Evidence of Antigen-Driven Selection. Journal of Immunology, 2012, 189, 5449-5456.	0.8	48
36	Use and interpretation of diagnostic vaccination in primary immunodeficiency: AÂworking group report of the Basic and Clinical Immunology Interest Section of the American Academy of Allergy, Asthma & Immunology. Journal of Allergy and Clinical Immunology, 2012, 130, S1-S24.	2.9	379

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37	Immunoglobulin class switching appears to be regulated by <scp>B</scp>â€cell antigen receptorâ€specific <scp>T</scp>â€cell action. European Journal of Immunology, 2012, 42, 1016-1029.	2.9	9
38	Safety, Efficacy and Pharmacokinetics of a New 10% Liquid Intravenous Immunoglobulin (IVIG) in Patients with Primary Immunodeficiency. Journal of Clinical Immunology, 2012, 32, 663-669.	3.8	48
39	Immune Responses to pneumococcal vaccines in children and adults: Rationale for age-specific vaccination. , 2012, 3, 51-67.		29
40	Absence of N addition facilitates B cell development, but impairs immune responses. Immunogenetics, 2011, 63, 599-609.	2.4	10
41	A Single D_H Gene Segment Is Sufficient for the Establishment of an Asthma Phenotype in a Murine Model of Allergic Airway Inflammation. International Archives of Allergy and Immunology, 2011, 156, 247-258.	2.1	5
42	Limiting CDR-H3 Diversity Abrogates the Antibody Response to the Bacterial Polysaccharide Î± 1â†'3 Dextran. Journal of Immunology, 2011, 187, 879-886.	0.8	9
43	DH and JH usage in murine fetal liver mirrors that of human fetal liver. Immunogenetics, 2010, 62, 653-666.	2.4	11
44	The Peritoneal Cavity B-2 Antibody Repertoire Appears To Reflect Many of the Same Selective Pressures That Shape the B-1a and B-1b Repertoires. Journal of Immunology, 2010, 185, 6085-6095.	0.8	22
45	The CDR-H3 Repertoire from TdT-Deficient Adult Bone Marrow Is a Close, but Not Exact, Homologue of the CDR-H3 Repertoire from Perinatal Liver. Journal of Immunology, 2010, 185, 6075-6084.	0.8	13
46	High throughput sequencing reveals a complex pattern of dynamic interrelationships among human T cell subsets. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1518-1523.	7.1	279
47	Clinical consequences of defects in B-cell development. Journal of Allergy and Clinical Immunology, 2010, 125, 778-787.	2.9	70
48	Structure and function of immunoglobulins. Journal of Allergy and Clinical Immunology, 2010, 125, S41-S52.	2.9	1,322
49	Genetic Control of DH Reading Frame and Its Effect on B-Cell Development and Antigen-Specifc Antibody Production. Critical Reviews in Immunology, 2010, 30, 327-344.	0.5	52
50	Analysis of TACI mutations in CVID & RESPI patients who have inherited HLA B*44 or HLA*B8. BMC Medical Genetics, 2009, 10, 100.	2.1	11
51	Regulation of Repertoire Development through Genetic Control of DH Reading Frame Preference. Journal of Immunology, 2008, 181, 8416-8424.	0.8	49
52	Preferential Use of DH Reading Frame 2 Alters B Cell Development and Antigen-Specific Antibody Production. Journal of Immunology, 2008, 181, 8409-8415.	0.8	29
53	B-cell development and differentiation. , 2008, , 113-125.		1
54	Antigen receptor genes, gene products, and co-receptors. , 2008, , 53-77.		2

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55	Primary antibody deficiencies. , 2008, , 513-529.		3
56	TCR DÎ² sequence dictates the amino acid composition of CDRÎ²3 in mature T cells. FASEB Journal, 2008, 22, 849.5.	0.5	0
57	Heterosubtypic Immunity to Influenza A Virus Infection Requires a Properly Diversified Antibody Repertoire. Journal of Virology, 2007, 81, 9331-9338.	3.4	58
58	Effects of Chronic Stress and Interleukin-10 Gene Polymorphisms on Antibody Response to Tetanus Vaccine in Family Caregivers of Patients With Alzheimerâ€™s Disease. Psychosomatic Medicine, 2007, 69, 551-559.	2.0	31
59	B-cell numbers in the blood of patients with non-HLA*B8 or non-HLA*B44 common variable immunodeficiency. Annals of Allergy, Asthma and Immunology, 2007, 98, 163-167.	1.0	6
60	Categorical selection of the antibody repertoire in splenic B cells. European Journal of Immunology, 2007, 37, 1010-1021.	2.9	58
61	Increased frequency of HLA-B44 in recurrent sinopulmonary infections (RESPI). Clinical Immunology, 2006, 119, 346-350.	3.2	17
62	Similarity and divergence in the development and expression of the mouse and human antibody repertoires. Developmental and Comparative Immunology, 2006, 30, 119-135.	2.3	151
63	Recognition reversal in a spineless scrounger. Nature Immunology, 2006, 7, 797-798.	14.5	1
64	CD8 T-cell immune phenotype of successful aging. Mechanisms of Ageing and Development, 2006, 127, 231-239.	4.6	22
65	Forced usage of positively charged amino acids in immunoglobulin CDR-H3 impairs B cell development and antibody production. Journal of Experimental Medicine, 2006, 203, 1567-1578.	8.5	91
66	A Single DH Gene Segment Creates Its Own Unique CDR-H3 Repertoire and Is Sufficient for B cell Development and Immune Function. Journal of Immunology, 2005, 175, 6624-6632.	0.8	44
67	Development of the Expressed Ig CDR-H3 Repertoire Is Marked by Focusing of Constraints in Length, Amino Acid Use, and Charge That Are First Established in Early B Cell Progenitors. Journal of Immunology, 2005, 174, 7773-7780.	0.8	110
68	Adult lupus-prone MRL/MpJ2+ mice express a primary antibody repertoire that differs in CDR-H3 length distribution and hydrophobicity from that expressed in the C3H parental strain. Molecular Immunology, 2005, 42, 789-798.	2.2	20
69	Despite extensive similarity in germline DH and JH sequence, the adult Rhesus macaque CDR-H3 repertoire differs from human. Molecular Immunology, 2005, 42, 943-955.	2.2	41
70	The Complex Genetics of Common Variable Immunodeficiency. Journal of Investigative Medicine, 2004, 52, 90-103.	1.6	40
71	Screening the genome for rheumatoid arthritis susceptibility genes: A replication study and combined analysis of 512 multicase families. Arthritis and Rheumatism, 2003, 48, 906-916.	6.7	216
72	Antibody Repertoire in a Mouse with a Simplified D_H Locus: The Dâ€Limited Mouse. Annals of the New York Academy of Sciences, 2003, 987, 262-265.	3.8	7

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73	Expressed Murine and Human CDR-H3 Intervals of Equal Length Exhibit Distinct Repertoires that Differ in their Amino Acid Composition and Predicted Range of Structures. Journal of Molecular Biology, 2003, 334, 733-749.	4.2	323
74	Comparison of the efficacy of IGIV-C, 10% (caprylate/chromatography) and IGIV-SD, 10% as replacement therapy in primary immune deficiency. International Immunopharmacology, 2003, 3, 1325-1333.	3.8	110
75	Clues to the etiology of autoimmune diseases through analysis of immunoglobulin genes. Arthritis Research, 2002, 4, 80.	2.0	9
76	The Rhesus monkey immunoglobulin IGHD and IGHJ germline repertoire. Immunogenetics, 2002, 54, 240-250.	2.4	24
77	Regulation and Chance in the Ontogeny of B and T Cell Antigen Receptor Repertoires. Immunologic Research, 2002, 26, 265-278.	2.9	62
78	Constraints on the Hydropathicity and Sequence Composition of HCDR3 are Conserved Across Evolution. , 2002, , 43-67.		10
79	A Genomewide Screen in Multiplex Rheumatoid Arthritis Families Suggests Genetic Overlap with Other Autoimmune Diseases. American Journal of Human Genetics, 2001, 68, 927-936.	6.2	338
80	An Immune Defect Causing Dominant Chronic Mucocutaneous Candidiasis and Thyroid Disease Maps to Chromosome 2p in a Single Family. American Journal of Human Genetics, 2001, 69, 791-803.	6.2	40
81	Slow, programmed maturation of the immunoglobulin HCDR3 repertoire during the third trimester of fetal life. Blood, 2001, 98, 2745-2751.	1.4	54
82	Marriage, divorce, and promiscuity in human B cells. Nature Immunology, 2000, 1, 187-188.	14.5	6
83	Genetics of IgA Deficiency and Common Variable Immunodeficiency. Clinical Reviews in Allergy and Immunology, 2000, 19, 127-140.	6.5	15
84	Early expression of Ïµ, CD23 (FcÏµRII), IL-4RÎ±, and IgE in the human fetus. Journal of Allergy and Clinical Immunology, 2000, 106, 911-917.	2.9	42
85	In situ hybridization analysis of immunoglobulin heavy chain variable gene expression with family specific oligonucleotide probes. Journal of Immunological Methods, 1998, 218, 31-52.	1.4	4
86	Regulation of the antibody repertoire through control of HCDR3 diversity. Vaccine, 1998, 16, 1383-1390.	3.8	43
87	Susceptibility Locus for IgA Deficiency and Common Variable Immunodeficiency in the HLA-DR3, -B8, -A1 Haplotypes. Molecular Medicine, 1998, 4, 72-86.	4.4	118
88	Clonally-related Immunoglobulin VH Domains and Nonrandom Use of DH Gene Segments in Rheumatoid Arthritis Synovium. Molecular Medicine, 1998, 4, 240-257.	4.4	19
89	CDR3 Fingerprinting of Immunoglobulin Kappa Light Chains Expressed in Rheumatoid Arthritis Evidence of Antigenic Selection or Dysregulation of Gene Rearrangement in B Cells. Annals of the New York Academy of Sciences, 1997, 815, 423-426.	3.8	7
90	Developmental Regulation of the Human Antibody Repertoire^a. Annals of the New York Academy of Sciences, 1995, 764, 242-260.	3.8	95

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91	Analysis of Immunoglobulin Gamma Heavy Chains from Rheumatoid Arthritis Synovium Evidence of Antigenâ€Driven Selection. Annals of the New York Academy of Sciences, 1995, 764, 450-460.	3.8	8
92	In Situ Hybridization Analysis of Immunoglobulin V_H Gene Family Expression in Rheumatoid Arthritis. Annals of the New York Academy of Sciences, 1995, 764, 453-456.	3.8	0
93	Structureâ€"Function Studies of Human Monoclonal Antibodies to Pneumococcus Type 3 Polysaccharide. Annals of the New York Academy of Sciences, 1995, 764, 370-373.	3.8	20
94	B-cell differentiation in humans. , 1995, , 3-31.		5
95	Immunoglobulin Gene Expression in Rheumatoid Arthritis. , 1995, 47, 23-35.		1
96	Clonal Hematopoiesis and Acquired Thalassemia in Common Variable Immunodeficiency. Molecular Medicine, 1994, 1, 56-61.	4.4	6
97	The pathogenesis of chronic lymphocytic leukemia: analysis of the antibody repertoire. Trends in Immunology, 1994, 15, 288-294.	7.5	352
98	Antibody structure and the evolution of immunoglobulin V gene segments. Seminars in Immunology, 1994, 6, 347-360.	5.6	112
99	Analysis of immunoglobulin gamma heavy chain expression in synovial tissue of a patient with rheumatoid arthritis. Arthritis and Rheumatism, 1993, 36, 631-641.	6.7	23
100	The human immunoglobulin VH7 gene family consists of a small, polymorphic group of six to eight gene segments dispersed throughout the VHlocus. European Journal of Immunology, 1993, 23, 832-839.	2.9	63
101	3 Normal B lymphocyte differentiation. Best Practice and Research: Clinical Haematology, 1993, 6, 785-806.	1.1	9
102	Nucleotide sequence of the intron of the germline humanximmunoglobulin gene connecting the J and C regions reveals a matrix association region (MAR) next to the enhancer. Nucleic Acids Research, 1992, 20, 4929-4930.	14.5	28
103	A rheumatoid factor from a normal individual encoded by VH2 and VkII gene segments. Arthritis and Rheumatism, 1992, 35, 900-904.	6.7	20
104	The immunoglobulin kappa light chain repertoire expressed in the synovium of a patient with rheumatoid arthritis. Arthritis and Rheumatism, 1992, 35, 905-913.	6.7	61
105	The human cord blood antibody repertoire. Frequent usage of the VH7 gene family. European Journal of Immunology, 1992, 22, 241-245.	2.9	93
106	Structure and evolution of mammalian VH families. International Immunology, 1990, 2, 41-50.	4.0	183
107	Ribosome binding site analysis of ovalbumin messenger ribonucleic acid. Biochemistry, 1979, 18, 5798-5808.	2.5	28