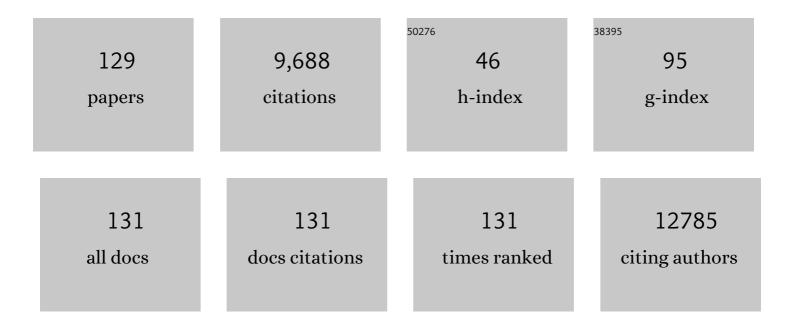
## Rita Carsetti

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Comprehensive phenotyping of human peripheral blood B lymphocytes in healthy conditions. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2022, 101, 131-139.	1.5	17
2	Mortality in Severe Antibody Deficiencies Patients during the First Two Years of the COVID-19 Pandemic: Vaccination and Monoclonal Antibodies Efficacy. Biomedicines, 2022, 10, 1026.	3.2	11
3	lgM on the surface of T cells: a novel biomarker of pediatric-onset systemic lupus erythematosus. Pediatric Nephrology, 2021, 36, 909-916.	1.7	2
4	Evaluation of Immune and Vaccine Competence in Steroid-Sensitive Nephrotic Syndrome Pediatric Patients. Frontiers in Immunology, 2021, 12, 602826.	4.8	4
5	The Protective Role of Maternal Immunization in Early Life. Frontiers in Pediatrics, 2021, 9, 638871.	1.9	22
6	Induction of immune response after SARS-CoV-2 mRNA BNT162b2 vaccination in healthcare workers. Journal of Virus Eradication, 2021, 7, 100046.	0.5	13
7	Evolution of Human Memory B Cells From Childhood to Old Age. Frontiers in Immunology, 2021, 12, 690534.	4.8	22
8	Highly Specific Memory B Cells Generation after the 2nd Dose of BNT162b2 Vaccine Compensate for the Decline of Serum Antibodies and Absence of Mucosal IgA. Cells, 2021, 10, 2541.	4.1	61
9	Purification and Characterization of Murine MZ and T2-MZP Cells. Methods in Molecular Biology, 2021, 2270, 3-25.	0.9	2
10	Circulating plasmablasts in children with steroid-sensitive nephrotic syndrome. Pediatric Nephrology, 2021, , 1.	1.7	3
11	Immune Response of Neonates Born to Mothers Infected With SARS-CoV-2. JAMA Network Open, 2021, 4, e2132563.	5.9	38
12	Comprehensive phenotyping of human peripheral blood B lymphocytes in pathological conditions. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2021, , .	1.5	5
13	Different Innate and Adaptive Immune Responses to SARS-CoV-2 Infection of Asymptomatic, Mild, and Severe Cases. Frontiers in Immunology, 2020, 11, 610300.	4.8	149
14	The immune system of children: the key to understanding SARS-CoV-2 susceptibility?. The Lancet Child and Adolescent Health, 2020, 4, 414-416.	5.6	132
15	Partial T cell defects and expanded CD56bright NK cells in an SCID patient carrying hypomorphic mutation in the <i>IL2RG</i> gene. Journal of Leukocyte Biology, 2020, 108, 739-748.	3.3	3
16	The link between varicella and immune system: which children will develop acute cerebellitis?. Italian Journal of Pediatrics, 2020, 46, 75.	2.6	2
17	The Interplay between CD27dull and CD27bright B Cells Ensures the Flexibility, Stability, and Resilience of Human B Cell Memory. Cell Reports, 2020, 30, 2963-2977.e6.	6.4	76
18	Effects of Pidotimod on recurrent respiratory infections in children with Down syndrome: a retrospective Italian study. Italian Journal of Pediatrics, 2020, 46, 31.	2.6	7

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19	Prolonged Impairment of Immunological Memory After Anti-CD20 Treatment in Pediatric Idiopathic Nephrotic Syndrome. Frontiers in Immunology, 2019, 10, 1653.	4.8	42
20	A novel disorder involving dyshematopoiesis, inflammation, and HLH due to aberrant CDC42 function. Journal of Experimental Medicine, 2019, 216, 2778-2799.	8.5	132
21	Atypical IgM on T cells predict relapse and steroid dependence in idiopathic nephrotic syndrome. Kidney International, 2019, 96, 971-982.	5.2	22
22	Metaproteomic investigation to assess gut microbiota shaping in newborn mice: A combined taxonomic, functional and quantitative approach. Journal of Proteomics, 2019, 203, 103378.	2.4	8
23	Dissecting Integrin Expression and Function on Memory B Cells in Mice and Humans in Autoimmunity. Frontiers in Immunology, 2019, 10, 534.	4.8	15
24	B cell phenotype in pediatric idiopathic nephrotic syndrome. Pediatric Nephrology, 2019, 34, 177-181.	1.7	44
25	Lack of Gut Secretory Immunoglobulin A in Memory B-Cell Dysfunction-Associated Disorders: A Possible Gut-Spleen Axis. Frontiers in Immunology, 2019, 10, 2937.	4.8	43
26	Switched Memory B Cells Are Increased in Oligoarticular and Polyarticular Juvenile Idiopathic Arthritis and Their Change Over Time Is Related to Response to Tumor Necrosis Factor Inhibitors. Arthritis and Rheumatology, 2018, 70, 606-615.	5.6	28
27	Spleen development is modulated by neonatal gut microbiota. Immunology Letters, 2018, 199, 1-15.	2.5	18
28	Immunosuppression in Experimental Chagas Disease Is Mediated by an Alteration of Bone Marrow Stromal Cell Function During the Acute Phase of Infection. Frontiers in Immunology, 2018, 9, 2794.	4.8	10
29	Dysregulated miR-155 and miR-125b Are Related to Impaired B-cell Responses in Down Syndrome. Frontiers in Immunology, 2018, 9, 2683.	4.8	30
30	Long-term survival and phenotypic spectrum in heterotaxy syndrome: A 25-year follow-up experience. International Journal of Cardiology, 2018, 268, 100-105.	1.7	24
31	CD19+CD24hiCD38hi B Cells Are Expanded in Juvenile Dermatomyositis and Exhibit a Pro-Inflammatory Phenotype After Activation Through Toll-Like Receptor 7 and Interferon-α. Frontiers in Immunology, 2018, 9, 1372.	4.8	68
32	RORÎ <sup>3</sup> t-Expressing Tregs Drive the Growth of Colitis-Associated Colorectal Cancer by Controlling IL6 in Dendritic Cells. Cancer Immunology Research, 2018, 6, 1082-1092.	3.4	35
33	Severe pertussis infection in infants less than 6 months of age: Clinical manifestations and molecular characterization. Human Vaccines and Immunotherapeutics, 2017, 13, 1073-1077.	3.3	21
34	Heterotaxy syndrome with and without spleen: Different infection risk and management. Journal of Allergy and Clinical Immunology, 2017, 139, 1981-1984.e1.	2.9	14
35	Severe Toxoplasma gondii infection in a member of a NFKB2-deficient family with T and B cell dysfunction. Clinical Immunology, 2017, 183, 273-277.	3.2	32
36	Bâ€cell activation with CD40L or CpG measures the function of Bâ€cell subsets and identifies specific defects in immunodeficient patients. European Journal of Immunology, 2017, 47, 131-143.	2.9	69

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37	Human Bâ€cell memory is shaped by age―and tissueâ€specific Tâ€independent and GCâ€dependent events. European Journal of Immunology, 2017, 47, 327-344.	2.9	62
38	Parents as source of pertussis transmission in hospitalized young infants. Infection, 2017, 45, 171-178.	4.7	29
39	Protection against Pertussis in Humans Correlates to Elevated Serum Antibodies and Memory B Cells. Frontiers in Immunology, 2017, 8, 1158.	4.8	24
40	Does Breastfeeding Protect Young Infants From Pertussis? Case-control Study and Immunologic Evaluation. Pediatric Infectious Disease Journal, 2017, 36, e48-e53.	2.0	22
41	Monitoring Perinatal Gut Microbiota in Mouse Models by Mass Spectrometry Approaches: Parental Genetic Background and Breastfeeding Effects. Frontiers in Microbiology, 2016, 7, 1523.	3.5	15
42	Novel <scp>STAT</scp> 1 gainâ€ofâ€function mutation and suppurative infections. Pediatric Allergy and Immunology, 2016, 27, 220-223.	2.6	14
43	Effects of exposure to gradient magnetic fields emitted by nuclear magnetic resonance devices on clonogenic potential and proliferation of human hematopoietic stem cells. Bioelectromagnetics, 2016, 37, 201-211.	1.6	10
44	B Cell Reconstitution after Rituximab Treatment in Idiopathic Nephrotic Syndrome. Journal of the American Society of Nephrology: JASN, 2016, 27, 1811-1822.	6.1	174
45	B-cell hyperfunction in children with immune thrombocytopenic purpura persists after splenectomy. Pediatric Research, 2016, 79, 262-270.	2.3	23
46	Reduced numbers of switched memory B cells with high terminal differentiation potential in Down syndrome. European Journal of Immunology, 2015, 45, 903-914.	2.9	65
47	Ceneration of switched memory B cells in response to vaccination in Down syndrome children and their siblings. Vaccine, 2015, 33, 6689-6696.	3.8	44
48	Hematopoietic activity in putative mouse primordial germ cell populations. Mechanisms of Development, 2015, 136, 53-63.	1.7	23
49	High nitric oxide production, secondary to inducible nitric oxide synthase expression, is essential for regulation of the tumourâ€initiating properties of colon cancer stem cells. Journal of Pathology, 2015, 236, 479-490.	4.5	47
50	Longitudinal Evaluation of Immune Reconstitution and B-cell Function After Hematopoietic Cell Transplantation for Primary Immunodeficiency. Journal of Clinical Immunology, 2015, 35, 373-383.	3.8	15
51	Increased serum IgM, immunodeficiency, and autoimmunity: A clinical series. International Journal of Immunopathology and Pharmacology, 2015, 28, 547-556.	2.1	9
52	B cells from nuclear factor kB essential modulator deficient patients fail to differentiate to antibody secreting cells in response to TLR9 ligand. Clinical Immunology, 2015, 161, 131-135.	3.2	5
53	Inhibition of B-Cell Proliferation and Antibody Production by Mesenchymal Stromal Cells Is Mediated by T Cells. Stem Cells and Development, 2015, 24, 93-103.	2.1	128
54	Chronic hepatitis B infection in adolescents vaccinated at birth: An alarm bell in favor of the need for a booster?. Hepatology, 2014, 59, 349-349.	7.3	6

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55	HLA-haploidentical stem cell transplantation after removal of $\hat{I}\pm\hat{I}^2+T$ and B cells in children with nonmalignant disorders. Blood, 2014, 124, 822-826.	1.4	385
56	Abatacept (cytotoxic T lymphocyte antigen 4-immunoglobulin) improves B cell function and regulatory T cell inhibitory capacity in rheumatoid arthritis patients non-responding to anti-tumour necrosis factor-1± agents. Clinical and Experimental Immunology, 2014, 177, 630-640.	2.6	46
57	Plasma Cells in the Mucosa of Patients with Inflammatory Bowel Disease Produce Granzyme B and Possess Cytotoxic Activities. Journal of Immunology, 2014, 192, 6083-6091.	0.8	67
58	Repeated vaccinations do not improve specific immune defenses against Hepatitis B in non-responder health care workers. Vaccine, 2014, 32, 6902-6910.	3.8	22
59	A refined approach to detect and measure minimal residual disease in childhood acute myeloid leukemia by flow cytometry. American Journal of Hematology, 2014, 89, 343-344.	4.1	0
60	The possible implication of the S250C variant of the autoimmune regulator protein in a patient with autoimmunity and immunodeficiency: in silico analysis suggests a molecular pathogenic mechanism for the variant. Gene, 2014, 549, 286-294.	2.2	13
61	Impact of a mixed bacterial lysate (OM-85 BV) on the immunogenicity, safety and tolerability of inactivated influenza vaccine in children with recurrent respiratory tract infection. Vaccine, 2014, 32, 2546-2552.	3.8	34
62	Microvescicles Derived from Mesenchymal Stromal Cells Are Not as Effective as Their Cellular Counterpart in the Ability to Modulate Immune Responses In Vitro. Stem Cells and Development, 2014, 23, 2591-2599.	2.1	122
63	A metaproteomic pipeline to identify newborn mouse gut phylotypes. Journal of Proteomics, 2014, 97, 17-26.	2.4	14
64	Purification and Immunophenotypic Characterization of Murine MZ and T2-MZP Cells. Methods in Molecular Biology, 2014, 1190, 3-16.	0.9	2
65	Preserved antibody levels and loss of memory <scp>B</scp> cells against pneumococcus and tetanus after splenectomy: Tailoring better vaccination strategies. European Journal of Immunology, 2013, 43, 2659-2670.	2.9	46
66	Evaluating B-Cells: From Bone Marrow Precursors to Antibody-Producing Cells. Methods in Molecular Biology, 2013, 1032, 45-57.	0.9	4
67	Hepatitis B specific T cell immunity induced by primary vaccination persists independently of the protective serum antibody level. Vaccine, 2013, 31, 506-513.	3.8	44
68	Anhidrotic ectodermal dysplasia: A new mutation. Journal of Allergy and Clinical Immunology, 2013, 132, 1451-1453.	2.9	15
69	Why do we need IgM memory B cells?. Immunology Letters, 2013, 152, 114-120.	2.5	98
70	Early-life gut microbiota under physiological and pathological conditions: The central role of combined meta-omics-based approaches. Journal of Proteomics, 2012, 75, 4580-4587.	2.4	52
71	Post-splenectomy and hyposplenic states. Lancet, The, 2011, 378, 86-97.	13.7	521
72	B Cell Modulation Strategies in Autoimmunity: The SLE Example. Current Pharmaceutical Design, 2011, 17, 3155-3165.	1.9	7

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73	Reversion of resistance to immunosuppressive agents in three patients with psoriatic arthritis by cyclosporine A: Modulation of P-glycoprotein function. Clinical Immunology, 2011, 138, 9-13.	3.2	13
74	Identification of <i>Endothelinâ€1</i> and <i>NR4A2</i> as CD133â€regulated genes in colon cancer cells. Journal of Pathology, 2011, 225, 305-314.	4.5	24
75	Switched memory B cells maintain specific memory independently of serum antibodies: The hepatitis B example. European Journal of Immunology, 2011, 41, 1800-1808.	2.9	58
76	Pathogen- or damage-associated molecular patterns during nonalcoholic fatty liver disease development. Hepatology, 2011, 54, 1500-1502.	7.3	47
77	Peripheral regulatory T cells and serum transforming growth factor-β: Relationship with clinical response to infliximab in Crohn's disease. Inflammatory Bowel Diseases, 2010, 16, 1891-1897.	1.9	40
78	TLR Ligation Triggers Somatic Hypermutation in Transitional B Cells Inducing the Generation of IgM Memory B Cells. Journal of Immunology, 2010, 185, 7293-7301.	0.8	81
79	Additional maternal and nonmaternal factors contribute to microbiota shaping in newborns. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, E159; author reply E160.	7.1	11
80	Pharmacological inhibition of TLR9 activation blocks autoantibody production in human B cells from SLE patients. Rheumatology, 2010, 49, 2281-2289.	1.9	78
81	From the fetal liver to spleen and gut: the highway to natural antibody. Mucosal Immunology, 2009, 2, 351-361.	6.0	59
82	Folic acid and methionine in the prevention of teratogen-induced congenital defects in mice. Cardiovascular Pathology, 2009, 18, 100-109.	1.6	23
83	Increased expression of mucosal addressin cell adhesion molecule 1 in the duodenum of patients with active celiac disease is associated with depletion of integrin α4β7-positive T cells in blood. Human Pathology, 2009, 40, 699-704.	2.0	25
84	The role of memory B cells in immunity after vaccination. Paediatrics and Child Health (United) Tj ETQq0 0 0 rgBT	- /Qverlock	₹ 10 Tf 50 30
85	Splenic function and IgM-memory B cells in Crohn's disease patients treated with infliximab. Inflammatory Bowel Diseases, 2008, 14, 591-596.	1.9	27
86	Determinants of invasive bacterial diseases in children: a preliminary report. Paediatrics and Child Health (United Kingdom), 2008, 18, S16-S18.	0.4	0
87	Photopheresis in organ transplantation: the basic mechanism of action revealed. Paediatrics and Child Health (United Kingdom), 2008, 18, S33-S35.	0.4	0
88	Heterosubtypic Neutralizing Monoclonal Antibodies Cross-Protective against H5N1 and H1N1 Recovered from Human IgM+ Memory B Cells. PLoS ONE, 2008, 3, e3942.	2.5	676
89	CXCL13, CCL21, and CXCL12 Expression in Salivary Glands of Patients with Sjol^̂gren's Syndrome and MALT Lymphoma: Association with Reactive and Malignant Areas of Lymphoid Organization. Journal of Immunology, 2008, 180, 5130-5140.	0.8	172
90	CpG Drives Human Transitional B Cells to Terminal Differentiation and Production of Natural Antibodies. Journal of Immunology, 2008, 180, 800-808.	0.8	209

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91	Pivotal Advance: Inhibition of MyD88 dimerization and recruitment of IRAK1 and IRAK4 by a novel peptidomimetic compound. Journal of Leukocyte Biology, 2007, 82, 801-810.	3.3	162
92	Induction of Regulatory T Cells After Prophylactic Treatment With Photopheresis in Renal Transplant Recipients. Transplantation, 2007, 83, 1393-1396.	1.0	50
93	Memory B-cell subsets as a predictive marker of outcome in hypogammaglobulinemia during infancy. Journal of Allergy and Clinical Immunology, 2007, 120, 474-476.	2.9	19
94	Impairment of splenic IgM-memory but not switched-memory B cells in a patient with celiac disease and splenic atrophy. Journal of Allergy and Clinical Immunology, 2007, 120, 1461-1463.	2.9	15
95	Development and function of the mammalian spleen. BioEssays, 2007, 29, 166-177.	2.5	152
96	A novel immunodeficiency characterized by the exclusive presence of transitional B cells unresponsive to CpG. Immunology, 2007, 121, 183-188.	4.4	23
97	B cells in SLE: Different biological drugs for different pathogenic mechanisms. Autoimmunity Reviews, 2007, 7, 143-148.	5.8	22
98	Mechanistic Associations of a Mild Phenotype of Immunodysregulation, Polyendocrinopathy, Enteropathy, X-Linked Syndrome. Clinical Gastroenterology and Hepatology, 2006, 4, 653-659.	4.4	59
99	Splenic Hypofunction and the Spectrum of Autoimmune and Malignant Complications in Celiac Disease. Clinical Gastroenterology and Hepatology, 2006, 4, 179-186.	4.4	89
100	A multiple retinoic acid antagonist induces conotruncal anomalies, including transposition of the great arteries, in mice. Cardiovascular Pathology, 2006, 15, 194-202.	1.6	25
101	A novel form of non-X-linked hyperigm associated with growth and pubertal disturbances and with lymphoma development. Journal of Pediatrics, 2006, 148, 404-406.	1.8	3
102	Humoral immune responses and CD27+ B cells in children with DiGeorge syndrome (22q11.2 deletion) Tj ETQq0	0 0 rgBT /	Overlock 10
103	17-β-estradiol elicits genomic and non-genomic responses in mouse male germ cells. Journal of Cellular Physiology, 2006, 206, 238-245.	4.1	39
104	Impairment of the Antipolysaccharide Response in Splenectomized Patients Is Due to the Lack of Immunoglobulin M Memory B Cells. Journal of Infectious Diseases, 2006, 193, 1189-1190.	4.0	29
105	The Immunological Effects of Extracorporeal Photopheresis Unraveled: Induction of Tolerogenic Dendritic Cells In Vitro and Regulatory T Cells In Vivo. Transplantation, 2005, 79, 846-850.	1.0	163
106	Depletion of Immunoglobulin M Memory B Cells is Associated with Splenic Hypofunction in Inflammatory Bowel Disease. American Journal of Gastroenterology, 2005, 100, 1788-1795.	0.4	89
107	Increased Risk of Invasive Meningococcal Disease, Pregnancy, and Confounding. Pediatrics, 2005, 116, 798-799.	2.1	16
108	The loss of IgM memory B cells correlates with clinical disease in common variable immunodeficiency. Journal of Allergy and Clinical Immunology, 2005, 115, 412-417.	2.9	213

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109	Peripheral development of B cells in mouse and man. Immunological Reviews, 2004, 197, 179-191.	6.0	412
110	Functional interaction between p90Rsk2 and Emi1 contributes to the metaphase arrest of mouse ocytes. EMBO Journal, 2004, 23, 4649-4659.	7.8	36
111	Characterization of B-Cell Maturation in the Peripheral Immune System. , 2004, 271, 25-36.		24
112	Activation of T cellsviatumor antigen specific chimeric receptors: The role of the intracellular signaling domain. International Journal of Cancer, 2003, 103, 399-407.	5.1	8
113	Human Immunoglobulin M Memory B Cells Controlling <i>Streptococcus pneumoniae</i> Infections Are Generated in the Spleen. Journal of Experimental Medicine, 2003, 197, 939-945.	8.5	578
114	B-1a B Cells that Link the Innate and Adaptive Immune Responses Are Lacking in the Absence of the Spleen. Journal of Experimental Medicine, 2002, 195, 771-780.	8.5	226
115	Abnormal bone marrow stroma in mice deficient for nemo-like kinase, Nlk. European Journal of Immunology, 2001, 31, 3580-3587.	2.9	54
116	The Development of B Cells in the Bone Marrow Is Controlled by the Balance between Cell-Autonomous Mechanisms and Signals from the Microenvironment. Journal of Experimental Medicine, 2000, 191, 5-8.	8.5	66
117	B Cell Development in the Spleen Takes Place in Discrete Steps and Is Determined by the Quality of B Cell Receptor–Derived Signals. Journal of Experimental Medicine, 1999, 190, 75-90.	8.5	736
118	The Molecular Mechanism of B Cell Activation by toll-like Receptor Protein RP-105. Journal of Experimental Medicine, 1998, 188, 93-101.	8.5	95
119	CD22 is a negative regulator of B-cell receptor signalling. Current Biology, 1997, 7, 133-143.	3.9	420
120	Induction of CD14 expression inLpsn,Lpsd and tumor necrosis factor receptor-deficient mice. European Journal of Immunology, 1996, 26, 2686-2692.	2.9	42
121	Immunoglobulin-mediated signal transduction in B cells from CD45-deficient mice Journal of Experimental Medicine, 1996, 183, 329-334.	8.5	91
122	A novel mouse thymocyte antigen (F3Ag): down-regulation during the CD4+CD8+ double-positive stage indicates positive selection. International Immunology, 1996, 8, 101-113.	4.0	14
123	Role of c-myc and CD45 in spontaneous and anti-receptor-induced apoptosis in adult murine B cells. International Immunology, 1996, 8, 1375-1385.	4.0	16
124	Transitional B cells are the target of negative selection in the B cell compartment Journal of Experimental Medicine, 1995, 181, 2129-2140.	8.5	350
125	A role for immunoglobulin D: interference with tolerance induction. European Journal of Immunology, 1993, 23, 168-178.	2.9	89
126	Molecular mimicry of the antigen receptor signalling motif by transmembrane proteins of the Epstein-Barr virus and the bovine leukaemia virus. Current Biology, 1993, 3, 333-339.	3.9	67

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127	Regulation of thymocyte development through CD3. II. Expression of T cell receptor beta CD3 epsilon and maturation to the CD4+8+ stage are highly correlated in individual thymocytes Journal of Experimental Medicine, 1993, 178, 1867-1875.	8.5	58
128	lmmune status of a μ, χ transgenic mouse line. Deficient response to bacterially related antigens. European Journal of Immunology, 1989, 19, 459-468.	2.9	40
129	Viral oncolysates in patients with advanced ovarian cancer. Gynecologic Oncology, 1988, 29, 337-347.	1.4	35