Andreas Radbruch

List of Publications by Year in descending order

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141 20,195 70 134
papers citations h-index g-index

149 149 149 21725 all docs docs citations times ranked citing authors

#	Article	IF	CITATIONS
1	Data-Driven Mathematical Model of Apoptosis Regulation in Memory Plasma Cells. Cells, 2022, 11, 1547.	4.1	2
2	Antigenâ€driven PDâ€1 ⁺ <i>TOX</i> ⁺ <i>BHLHE40</i> ⁺ + and PDâ€1 ⁺ <i>TOX</i> ⁺ <i>EOMES</i> ⁺ T lymphocytes regulate juvenile idiopathic arthritis <i>in situ</i> <io>Luropean Journal of Immunology, 2021, 51, 915-929.</io>	2.9	24
3	9â€∢i>cis Retinoic acid and 1.25â€dihydroxyvitamin D ₃ drive differentiation into IgA ⁺ secreting plasmablasts in human naÃ⁻ve B cells. European Journal of Immunology, 2021, 51, 125-137.	2.9	8
4	Deep Phenotyping of CD11c+ B Cells in Systemic Autoimmunity and Controls. Frontiers in Immunology, 2021, 12, 635615.	4.8	39
5	SARS-CoV-2 in severe COVID-19 induces a TGF \hat{l}^2 -dominated chronic immune response that does not target itself. Nature Communications, 2021, 12, 1961.	12.8	145
6	Immunological memory in rheumatic inflammation — a roadblock to tolerance induction. Nature Reviews Rheumatology, 2021, 17, 291-305.	8.0	25
7	A long-term perspective on immunity to COVID. Nature, 2021, 595, 359-360.	27.8	40
8	Impaired humoral immunity to SARS-CoV-2 BNT162b2 vaccine in kidney transplant recipients and dialysis patients. Science Immunology, 2021, 6, eabj1031.	11.9	223
9	Maintenance of quiescent immune memory in the bone marrow. European Journal of Immunology, 2021, 51, 1592-1601.	2.9	18
10	Keeping up with the stress of antibody production: BAFF and APRIL maintain memory plasma cells. Current Opinion in Immunology, 2021, 71, 97-102.	5.5	10
11	Untimely TGFÎ ² responses in COVID-19 limit antiviral functions of NK cells. Nature, 2021, 600, 295-301.	27.8	146
12	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). European Journal of Immunology, 2021, 51, 2708-3145.	2.9	198
13	Selective depletion of plasma cells in vivo based on the specificity of their secreted antibodies. European Journal of Immunology, 2020, 50, 284-291.	2.9	23
14	Stromal Cell-Contact Dependent PI3K and APRIL Induced NF-κB Signaling Prevent Mitochondrial- and ER Stress Induced Death of Memory Plasma Cells. Cell Reports, 2020, 32, 107982.	6.4	40
15	Targeting CD38 with Daratumumab in Refractory Systemic Lupus Erythematosus. New England Journal of Medicine, 2020, 383, 1149-1155.	27.0	178
16	Specific microbiota enhances intestinal IgA levels by inducing TGFâ€Î² in T follicular helper cells of Peyer's patches in mice. European Journal of Immunology, 2020, 50, 783-794.	2.9	58
17	Human IgA-Expressing Bone Marrow Plasma Cells Characteristically Upregulate Programmed Cell Death Protein-1 Upon B Cell Receptor Stimulation. Frontiers in Immunology, 2020, 11, 628923.	4.8	7
18	Discrete populations of isotype-switched memory B lymphocytes are maintained in murine spleen and bone marrow. Nature Communications, 2020, 11, 2570.	12.8	54

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19	B-Cell Development and Differentiation. , 2019, , 107-118.e1.		5
20	Identification of crossâ€reactive antibodies for the detection of lymphocytes, myeloid cells and haematopoietic precursors in the naked mole rat. European Journal of Immunology, 2019, 49, 2103-2110.	2.9	13
21	Pathogenic memory plasma cells in autoimmunity. Current Opinion in Immunology, 2019, 61, 86-91.	5.5	26
22	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
23	Regulation of Fatty Acid Oxidation by Twist 1 in the Metabolic Adaptation of T Helper Lymphocytes to Chronic Inflammation. Arthritis and Rheumatology, 2019, 71, 1756-1765.	5.6	18
24	<i>Salmonella</i> SiiE prevents an efficient humoral immune memory by interfering with IgG ⁺ plasma cell persistence in the bone marrow. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7425-7430.	7.1	37
25	The Maintenance of Memory Plasma Cells. Frontiers in Immunology, 2019, 10, 721.	4.8	144
26	Immunological memories of the bone marrow. Immunological Reviews, 2018, 283, 86-98.	6.0	74
27	CXCR4–CXCL12 interaction is important for plasma cell homing and survival in NZB/W mice. European Journal of Immunology, 2018, 48, 1020-1029.	2.9	40
28	Simultaneous Presence of Non- and Highly Mutated Keyhole Limpet Hemocyanin (KLH)-Specific Plasmablasts Early after Primary KLH Immunization Suggests Cross-Reactive Memory B Cell Activation. Journal of Immunology, 2018, 200, 3981-3992.	0.8	18
29	Protective and pathogenic memory plasma cells. Immunology Letters, 2017, 189, 10-12.	2.5	13
30	Systems Analysis Reveals High Genetic and Antigen-Driven Predetermination of Antibody Repertoires throughout B Cell Development. Cell Reports, 2017, 19, 1467-1478.	6.4	172
31	Guidelines for the use of flow cytometry and cell sorting in immunological studies < sup > * < /sup > . European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
32	Determination of background, signalâ€toâ€noise, and dynamic range of a flow cytometer: A novel practical method for instrument characterization and standardization. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 1104-1114.	1.5	19
33	Interleukinâ€36 receptor mediates the crosstalk between plasma cells and synovial fibroblasts. European Journal of Immunology, 2017, 47, 2101-2112.	2.9	26
34	Endogenous Calcitriol Synthesis Controls the Humoral IgE Response in Mice. Journal of Immunology, 2017, 199, 3952-3958.	0.8	10
35	B Cells Negatively Regulate the Establishment of CD49b+T-bet+ Resting Memory T Helper Cells in the Bone Marrow. Frontiers in Immunology, 2016, 7, 26.	4.8	6
36	Multispectral flow cytometry: The consequences of increased light collection. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 681-689.	1.5	19

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37	Highâ€resolution microbiota flow cytometry reveals dynamic colitisâ€associated changes in fecal bacterial composition. European Journal of Immunology, 2016, 46, 1300-1303.	2.9	57
38	Plasma cells as an innovative target in autoimmune disease with renal manifestations. Nature Reviews Nephrology, 2016, 12, 232-240.	9.6	154
39	Epigenetic Imprinting of Immunological Memory. Epigenetics and Human Health, 2016, , 53-67.	0.2	2
40	A unique population of IgG-expressing plasma cells lacking CD19 is enriched in human bone marrow. Blood, 2015, 125, 1739-1748.	1.4	170
41	Long-lived plasma cells are early and constantly generated in New Zealand Black/New Zealand White F1 mice and their therapeutic depletion requires a combined targeting of autoreactive plasma cells and their precursors. Arthritis Research and Therapy, 2015, 17, 39.	3.5	55
42	Bortezomib Plus Continuous B Cell Depletion Results in Sustained Plasma Cell Depletion and Amelioration of Lupus Nephritis in NZB/W F1 Mice. PLoS ONE, 2015, 10, e0135081.	2.5	44
43	Memory CD8 ⁺ TÂcells colocalize with ILâ€₹ ⁺ stromal cells in bone marrow and rest in terms of proliferation and transcription. European Journal of Immunology, 2015, 45, 975-987.	2.9	97
44	Individual T Helper Cells Have a Quantitative Cytokine Memory. Immunity, 2015, 42, 108-122.	14.3	38
45	A Ca ²⁺ concentration of 1.5 mM, as present in IMDM but not in RPMI, is critical for maximal response of Th cells to PMA/ionomycin. European Journal of Immunology, 2015, 45, 1270-1273.	2.9	14
46	Demethylation of the <i>RORC2</i> and <i>IL17A</i> in Human CD4+ T Lymphocytes Defines Th17 Origin of Nonclassic Th1 Cells. Journal of Immunology, 2015, 194, 3116-3126.	0.8	79
47	Human memory T cells from the bone marrow are resting and maintain long-lasting systemic memory. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9229-9234.	7.1	154
48	Nuclear Factor of Activated T Cells Regulates the Expression of Interleukin-4 in Th2 Cells in an All-or-none Fashion. Journal of Biological Chemistry, 2014, 289, 26752-26761.	3.4	29
49	Autocrine ILâ€10 promotes human Bâ€cell differentiation into IgMâ€or IgGâ€secreting plasmablasts. European Journal of Immunology, 2014, 44, 1615-1621.	2.9	98
50	T and B cells participate in bone repair by infiltrating the fracture callus in a two-wave fashion. Bone, 2014, 64, 155-165.	2.9	162
51	25-Hydroxvitamin D3 Promotes the Long-Term Effect of Specific Immunotherapy in a Murine Allergy Model. Journal of Immunology, 2014, 193, 1017-1023.	0.8	44
52	Static and dynamic components synergize to form a stable survival niche for bone marrow plasma cells. European Journal of Immunology, 2014, 44, 2306-2317.	2.9	110
53	Foxp3 ⁺ Helios ⁺ regulatory T cells are expanded in active systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2013, 72, 1549-1558.	0.9	127
54	Development and resolution of secondary autoimmunity after autologous haematopoietic stem cell transplantation for systemic lupus erythematosus: competition of plasma cells for survival niches?. Annals of the Rheumatic Diseases, 2013, 72, 1102-1104.	0.9	10

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55	Loss of methylation at the <i><scp>IFNG</scp></i> promoter and <scp>CNS</scp> â€1 is associated with the development of functional <scp>IFN</scp> â€1³ memory in human <scp>CD</scp> 4 ⁺ <scp>T</scp> lymphocytes. European Journal of Immunology, 2013, 43, 793-804.	2.9	44
56	Autoantibodies from long-lived â€~memory' plasma cells of NZB/W mice drive immune complex nephritis. Annals of the Rheumatic Diseases, 2013, 72, 2011-2017.	0.9	66
57	CD49b/CD69-Dependent Generation of Resting T Helper Cell Memory. Frontiers in Immunology, 2013, 4, 183.	4.8	12
58	B-cell development and differentiation. , 2013, , 90-101.		0
59	Takayasu arteritis is characterised by disturbances of B cell homeostasis and responds to B cell depletion therapy with rituximab. Annals of the Rheumatic Diseases, 2012, 71, 75-79.	0.9	150
60	Bone marrow of NZB/W mice is the major site for plasma cells resistant to dexamethasone and cyclophosphamide: Implications for the treatment of autoimmunity. Journal of Autoimmunity, 2012, 39, 180-188.	6.5	66
61	Evaluation of calcineurin/NFAT inhibitor selectivity in primary human Th cells using barâ€coding and phosphoâ€flow cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 1005-1011.	1.5	16
62	Memory on the move. Cellular and Molecular Life Sciences, 2012, 69, 1563-1564.	5.4	0
63	Signals controlling rest and reactivation of T helper memory lymphocytes in bone marrow. Cellular and Molecular Life Sciences, 2012, 69, 1609-1613.	5.4	13
64	Characteristics of B Cells and B Cell Responses in Aged Individuals. , 2012, , 55-84.		0
65	Targeting pathogenic T helper cell memory. Annals of the Rheumatic Diseases, 2011, 70, i85-i87.	0.9	14
66	Long-lived autoreactive plasma cells drive persistent autoimmune inflammation. Nature Reviews Rheumatology, 2011, 7, 170-178.	8.0	293
67	Allergy for a Lifetime?. Allergology International, 2010, 59, 1-8.	3.3	35
68	Steady-state generation of mucosal IgA+ plasmablasts is not abrogated by B-cell depletion therapy with rituximab. Blood, 2010, 116, 5181-5190.	1.4	107
69	Small but mighty: How the MACS [®] â€technology based on nanosized superparamagnetic particles has helped to analyze the immune system within the last 20 years. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 643-647.	1.5	116
70	IFNâ $\in \hat{i}^3$ and ILâ $\in 12$ synergize to convert <i>in vivo</i> generated Th17 into Th1/Th17 cells. European Journal of Immunology, 2010, 40, 3017-3027.	2.9	143
71	Interferons Direct Th2 Cell Reprogramming to Generate a Stable GATA-3+T-bet+ Cell Subset with Combined Th2 and Th1 Cell Functions. Immunity, 2010, 32, 116-128.	14.3	302
72	Memory B and memory plasma cells. Immunological Reviews, 2010, 237, 117-139.	6.0	242

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73	Generation of stable monoclonal antibody–producing B cell receptor–positive human memory B cells by genetic programming. Nature Medicine, 2010, 16, 123-128.	30.7	260
74	Organization of immunological memory by bone marrow stroma. Nature Reviews Immunology, 2010, 10, 193-200.	22.7	210
75	Shortâ€term memory in gene induction reveals the regulatory principle behind stochastic ILâ€4 expression. Molecular Systems Biology, 2010, 6, 359.	7.2	78
76	Nerve Growth Factor and Neurotrophin-3 Mediate Survival of Pulmonary Plasma Cells during the Allergic Airway Inflammation. Journal of Immunology, 2009, 182, 4705-4712.	0.8	45
77	Role of the spleen in peripheral memory B-cell homeostasis in patients with autoimmune thrombocytopenia purpura. Clinical Immunology, 2009, 130, 199-212.	3.2	56
78	Organization and maintenance of immunological memory by stroma niches. European Journal of Immunology, 2009, 39, 2095-2099.	2.9	61
79	Professional Memory CD4+ T Lymphocytes Preferentially Reside and Rest in the Bone Marrow. Immunity, 2009, 30, 721-730.	14.3	317
80	Sequential Polarization and Imprinting of Type 1 T Helper Lymphocytes by Interferon- \hat{l}^3 and Interleukin-12. Immunity, 2009, 30, 673-683.	14.3	231
81	Induction of long-lived allergen-specific plasma cells by mucosal allergen challenge. Journal of Allergy and Clinical Immunology, 2009, 124, 819-826.e4.	2.9	98
82	B-cell-directed therapies for autoimmune disease. Nature Reviews Rheumatology, 2009, 5, 433-441.	8.0	152
83	Blood-borne human plasma cells in steady state are derived from mucosal immune responses. Blood, 2009, 113, 2461-2469.	1.4	230
84	Depletion of autoreactive immunologic memory followed by autologous hematopoietic stem cell transplantation in patients with refractory SLE induces long-term remission through de novo generation of a juvenile and tolerant immune system. Blood, 2009, 113, 214-223.	1.4	269
85	Plasma cell differentiation and survival. Current Opinion in Immunology, 2008, 20, 162-169.	5.5	178
86	Activated memory B cell subsets correlate with disease activity in systemic lupus erythematosus: Delineation by expression of CD27, IgD, and CD95. Arthritis and Rheumatism, 2008, 58, 1762-1773.	6.7	263
87	Long-lived virus-reactive memory T cells generated from purified cytokine-secreting T helper type 1 and type 2 effectors. Journal of Experimental Medicine, 2008, 205, 53-61.	8.5	121
88	Direct Assessment of Thymic Reactivation after Autologous Stem Cell Transplantation. Acta Haematologica, 2008, 119, 22-27.	1.4	34
89	B-cell development and differentiation. , 2008, , 113-125.		1
90	Antibodies and B Cell Memory in Viral Immunity. Immunity, 2007, 27, 384-392.	14.3	247

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91	Expression of IL-10 in Th memory lymphocytes is conditional on IL-12 or IL-4, unless the IL-10 gene is imprinted by GATA-3. European Journal of Immunology, 2007, 37, 807-817.	2.9	104
92	Phenotypic Analysis of B-Cells and Plasma Cells. Methods in Molecular Medicine, 2007, 136, 3-18.	0.8	9
93	Adaptation of humoral memory. Immunological Reviews, 2006, 211, 295-302.	6.0	73
94	Competence and competition: the challenge of becoming a long-lived plasma cell. Nature Reviews Immunology, 2006, 6, 741-750.	22.7	882
95	Long-lived plasma cells in immunity and immunopathology. Immunology Letters, 2006, 103, 83-85.	2.5	42
96	Stromal niches, plasma cell differentiation and survival. Current Opinion in Immunology, 2006, 18, 265-270.	5.5	126
97	Is long-term humoral immunity in the mucosa provided by long-lived plasma cells? A question still open. European Journal of Immunology, 2006, 36, 1068-1069.	2.9	11
98	Plasma cell differentiation in T-independent typeâ€,,2 immune responses is independent of CD11chigh dendritic cells. European Journal of Immunology, 2006, 36, 2912-2919.	2.9	52
99	B cells in autoimmunity: more than antibodies?. Blood, 2005, 106, 2227-2227.	1.4	3
100	Long-Lived Plasma Cells and Their Contribution to Autoimmunity. Annals of the New York Academy of Sciences, 2005, 1050, 124-133.	3.8	90
101	Selecting B cells and plasma cells to memory. Journal of Experimental Medicine, 2005, 201, 497-499.	8.5	35
102	Regulation of CXCR3 and CXCR4 expression during terminal differentiation of memory B cells into plasma cells. Blood, 2005, 105, 3965-3971.	1.4	203
103	A Critical Control Element for Interleukin-4 Memory Expression in T Helper Lymphocytes. Journal of Biological Chemistry, 2005, 280, 28177-28185.	3.4	65
104	Generation of migratory antigen-specific plasma blasts and mobilization of resident plasma cells in a secondary immune response. Blood, 2005, 105, 1614-1621.	1.4	383
105	MAINTENANCE OF SERUM ANTIBODY LEVELS. Annual Review of Immunology, 2005, 23, 367-386.	21.8	478
106	The role of regulatory T cells in antigen-induced arthritis: aggravation of arthritis after depletion and amelioration after transfer of CD4+CD25+ T cells. Arthritis Research, 2005, 7, R291.	2.0	116
107	GATA-3 in Human T Cell Helper Type 2 Development. Journal of Experimental Medicine, 2004, 199, 423-428.	8.5	81
108	Short-lived Plasmablasts and Long-lived Plasma Cells Contribute to Chronic Humoral Autoimmunity in NZB/W Mice. Journal of Experimental Medicine, 2004, 199, 1577-1584.	8.5	399

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109	CD38 low IgG-secreting cells are precursors of various CD38 high-expressing plasma cell populations. Journal of Leukocyte Biology, 2004, 75, 1022-1028.	3.3	77
110	Transcriptional control networks of cell differentiation: insights from helper T lymphocytes. Progress in Biophysics and Molecular Biology, 2004, 86, 45-76.	2.9	66
111	The Cellular Basis of B Cell Memory. , 2004, , 247-259.		2
112	Differential regulation of P-selectin ligand expression in naive versus memory CD4+ T cells: evidence for epigenetic regulation of involved glycosyltransferase genes. Blood, 2004, 104, 3243-3248.	1.4	47
113	Correlation between circulating CD27highplasma cells and disease activity in patients with systemic lupus erythematosus. Arthritis and Rheumatism, 2003, 48, 1332-1342.	6.7	319
114	Aberrant Activation of B Cells in Patients with Rheumatoid Arthritis. Annals of the New York Academy of Sciences, 2003, 987, 246-248.	3.8	54
115	Plasma Cell Survival Is Mediated by Synergistic Effects of Cytokines and Adhesion-Dependent Signals. Journal of Immunology, 2003, 171, 1684-1690.	0.8	427
116	Establishment of memory for IL-10 expression in developing T helper 2 cells requires repetitive IL-4 costimulation and does not impair proliferation. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12307-12312.	7.1	33
117	Cytokine memory of T helper lymphocytes. Advances in Immunology, 2002, 80, 115-181.	2.2	87
118	Two Subsets of Naive T Helper Cells with Distinct T Cell Receptor Excision Circle Content in Human Adult Peripheral Blood. Journal of Experimental Medicine, 2002, 195, 789-794.	8.5	412
119	GATA-3 transcriptional imprinting in Th2 lymphocytes: A mathematical model. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9364-9368.	7.1	78
120	Chemotactic Responsiveness Toward Ligands for CXCR3 and CXCR4 is Regulated on Plasma Blasts During the Time Course of a Memory Immune Response. Journal of Immunology, 2002, 169, 1277-1282.	0.8	323
121	Phenotyping and separation of leukocyte populations based on affinity labelling. Methods in Microbiology, 2002, 32, 23-58.	0.8	6
122	Cytometric cytokine secretion assay: Detection and isolation of cytokine-secreting T cells. Methods in Microbiology, 2002, , 59-75.	0.8	0
123	Plasma cells for a lifetime?. European Journal of Immunology, 2002, 32, 923-927.	2.9	149
124	Humoral immunity and long-lived plasma cells. Current Opinion in Immunology, 2002, 14, 517-521.	5.5	192
125	Regulation of Expression of IL-4 Alleles. Immunity, 2001, 14, 1-11.	14.3	152
126	Detection and Isolation of Cytokine Secreting Cells Using the Cytometric Cytokine Secretion Assay. Current Protocols in Immunology, 2001, 46, Unit 6.27.	3.6	20

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127	Inflamed kidneys of NZB / W mice are a major site for the homeostasis of plasma cells. European Journal of Immunology, 2001, 31, 2726-2732.	2.9	214
128	An Instructive Component in T Helper Cell Type 2 (Th2) Development Mediated by Gata-3. Journal of Experimental Medicine, 2001, 193, 643-650.	8.5	100
129	Disturbed Peripheral B Lymphocyte Homeostasis in Systemic Lupus Erythematosus. Journal of Immunology, 2000, 165, 5970-5979.	0.8	564
130	Stat6-Independent GATA-3 Autoactivation Directs IL-4-Independent Th2 Development and Commitment. Immunity, 2000, 12, 27-37.	14.3	630
131	Autologous stem-cell transplantation in refractory autoimmune diseases after in vivo immunoablation and ex vivo depletion of mononuclear cells. Arthritis Research, 2000, 2, 327-36.	2.0	103
132	Correlation analysis between frequencies of circulating antigen-specific IgG-bearing memory B cells and serum titers of antigen-specific IgG. European Journal of Immunology, 1999, 29, 1406-1417.	2.9	121
133	Enrichment and detection of live antigen-specific CD4+ and CD8+ T cells based on cytokine secretion. European Journal of Immunology, 1999, 29, 4053-4059.	2.9	196
134	Sequential production of IL-2, IFN- \hat{I}^3 and IL-10 by individual staphylococcal enterotoxin B-activated T helper lymphocytes. European Journal of Immunology, 1998, 28, 1534-1543.	2.9	101
135	Immunomagnetic cell sorting—pushing the limits. Immunotechnology: an International Journal of Immunological Engineering, 1998, 4, 89-96.	2.4	79
136	P- and E-selectin mediate recruitment of T-helper-1 but not T-helper-2 cells into inflamed tissues. Nature, 1997, 385, 81-83.	27.8	714
137	Lifetime of plasma cells in the bone marrow. Nature, 1997, 388, 133-134.	27.8	754
138	Specific expression of surface interferon- \hat{l}^3 on interferon- \hat{l}^3 producing T cells from mouse and man. European Journal of Immunology, 1996, 26, 263-267.	2.9	67
139	Isolation and characterization of allergen-binding cells from normal and allergic donors. Immunotechnology: an International Journal of Immunological Engineering, 1995, 1, 115-125.	2.4	26
140	Flow cytometric determination of cytokines in activated murine T helper lymphocytes: Expression of interleukin-10 in interferon- \hat{l}^3 and in interleukin-4-expressing cells. European Journal of Immunology, 1994, 24, 1097-1101.	2.9	302
141	High gradient magnetic cell separation with MACS. Cytometry, 1990, 11, 231-238.	1.8	1,552