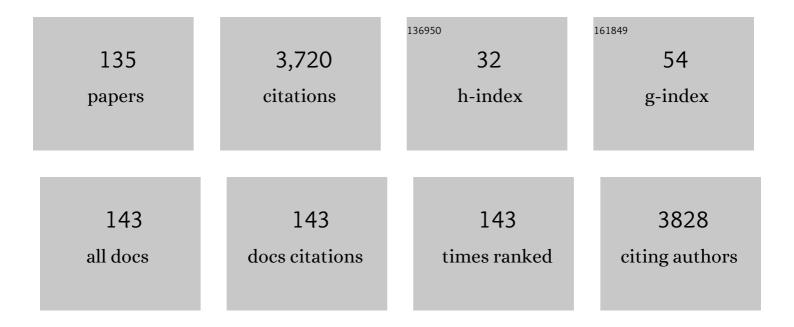
List of Publications by Year in descending order

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ANNA EDDEL

#	Article	IF	CITATIONS
1	Complement Factor H-Related Proteins FHR1 and FHR5 Interact With Extracellular Matrix Ligands, Reduce Factor H Regulatory Activity and Enhance Complement Activation. Frontiers in Immunology, 2022, 13, 845953.	4.8	11
2	Autoantibodies Against the Complement Regulator Factor H in the Serum of Patients With Neuromyelitis Optica Spectrum Disorder. Frontiers in Immunology, 2021, 12, 660382.	4.8	7
3	Revisiting the Coreceptor Function of Complement Receptor Type 2 (CR2, CD21); Coengagement With the B-Cell Receptor Inhibits the Activation, Proliferation, and Antibody Production of Human B Cells. Frontiers in Immunology, 2021, 12, 620427.	4.8	21
4	BCR activated CLL B cells use both CR3 (CD11b/CD18) and CR4 (CD11c/CD18) for adhesion while CR4 has a dominant role in migration towards SDF-1. PLoS ONE, 2021, 16, e0254853.	2.5	1
5	Robert B. Sim—Tribute. Viruses, 2021, 13, 1681.	3.3	0
6	New aspects in the regulation of human B cell functions by complement receptors CR1, CR2, CR3 and CR4. Immunology Letters, 2021, 237, 42-57.	2.5	23
7	Label-free real-time monitoring of the BCR-triggered activation of primary human B cells modulated by the simultaneous engagement of inhibitory receptors. Biosensors and Bioelectronics, 2021, 191, 113469.	10.1	7
8	Natural Compounds as Target Biomolecules in Cellular Adhesion and Migration: From Biomolecular Stimulation to Label-Free Discovery and Bioactivity-Based Isolation. Biomedicines, 2021, 9, 1781.	3.2	5
9	Activated Human Memory B Lymphocytes Use CR4 (CD11c/CD18) for Adhesion, Migration, and Proliferation. Frontiers in Immunology, 2020, 11, 565458.	4.8	14
10	The differential role of CR3 (CD11b/CD18) and CR4 (CD11c/CD18) in the adherence, migration and podosome formation of human macrophages and dendritic cells under inflammatory conditions. PLoS ONE, 2020, 15, e0232432.	2.5	21
11	Utilization of complement receptors in immune cell–microbe interaction. FEBS Letters, 2020, 594, 2695-2713.	2.8	19
12	Complement Receptor Type 1 (CR1, CD35), the Inhibitor of BCR-Mediated Human B Cell Activation, Differentially Regulates TLR7, and TLR9 Induced Responses. Frontiers in Immunology, 2019, 10, 1493.	4.8	10
13	Non-identical twins: Different faces of CR3 and CR4 in myeloid and lymphoid cells of mice and men. Seminars in Cell and Developmental Biology, 2019, 85, 110-121.	5.0	64
14	The role of CR3 (CD11b/CD18) and CR4 (CD11c/CD18) in complement-mediated phagocytosis and podosome formation by human phagocytes. Immunology Letters, 2017, 189, 64-72.	2.5	99
15	Label-free optical biosensor for on-line monitoring the integrated response of human B cells upon the engagement of stimulatory and inhibitory immune receptors. Sensors and Actuators B: Chemical, 2017, 240, 528-535.	7.8	23
16	Functional studies of chronic lymphocytic leukemia B cells expressing β 2 -integrin type complement receptors CR3 and CR4. Immunology Letters, 2017, 189, 73-81.	2.5	12
17	Complement Receptor Type 1 Suppresses Human B Cell Functions in SLE Patients. Journal of Immunology Research, 2016, 2016, 1-10.	2.2	13
18	CD11c/CD18 Dominates Adhesion of Human Monocytes, Macrophages and Dendritic Cells over CD11b/CD18. PLoS ONE, 2016, 11, e0163120.	2.5	72

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19	Adhesion kinetics of human primary monocytes, dendritic cells, and macrophages: Dynamic cell adhesion measurements with a label-free optical biosensor and their comparison with end-point assays. Biointerphases, 2016, 11, 031001.	1.6	15
20	Regulation of B cell functions by Toll-like receptors and complement. Immunology Letters, 2016, 178, 37-44.	2.5	9
21	The versatile functions of complement C3â€derived ligands. Immunological Reviews, 2016, 274, 127-140.	6.0	34
22	Factor H inhibits complement activation induced by liposomal and micellar drugs and the therapeutic antibody rituximab in vitro. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1023-1031.	3.3	22
23	Non-CpG Oligonucleotides Exert Adjuvant Effects by Enhancing Cognate B Cell-T Cell Interactions, Leading to B Cell Activation, Differentiation, and Isotype Switching. Journal of Immunology Research, 2015, 2015, 1-8.	2.2	2
24	Syk is indispensable for CpG-induced activation and differentiation of human B cells. Cellular and Molecular Life Sciences, 2015, 72, 2223-2236.	5.4	26
25	Complement receptor type 1 (CR1/CD35) expressed on activated human CD4+ T cells contributes to generation of regulatory T cells. Immunology Letters, 2015, 164, 117-124.	2.5	22
26	Secreted aspartic protease 2 of Candida albicans inactivates factor H and the macrophage factor H-receptors CR3 (CD11b/CD18) and CR4 (CD11c/CD18). Immunology Letters, 2015, 168, 13-21.	2.5	32
27	Targeting Vascular Endothelial Growth Factor Receptor 2 and Protein Kinase D1 Related Pathways by a Multiple Kinase Inhibitor in Angiogenesis and Inflammation Related Processes In Vitro. PLoS ONE, 2015, 10, e0124234.	2.5	7
28	Single Cell Adhesion Assay Using Computer Controlled Micropipette. PLoS ONE, 2014, 9, e111450.	2.5	30
29	Automated single cell sorting and deposition in submicroliter drops. Applied Physics Letters, 2014, 105,	3.3	13
30	Coadministration of antigen-conjugated and free CpG: Effects of in vitro and in vivo interactions in a murine model. Immunology Letters, 2014, 160, 178-185.	2.5	6
31	EFIS: Driving women's representation in immunology in Europe. European Journal of Immunology, 2014, 44, 615-616.	2.9	5
32	In-situ and label-free optical monitoring of the adhesion and spreading of primary monocytes isolated from human blood: Dependence on serum concentration levels. Biosensors and Bioelectronics, 2014, 54, 339-344.	10.1	30
33	Complement receptor type 1 (CR1, CD35) is a potent inhibitor of B-cell functions in rheumatoid arthritis patients. International Immunology, 2013, 25, 25-33.	4.0	35
34	CR3 is the dominant phagocytotic complement receptor on human dendritic cells. Immunobiology, 2013, 218, 652-663.	1.9	32
35	Phosphorylation adjacent to the nuclear localization signal of human dUTPase abolishes nuclear import: structural and mechanistic insights. Acta Crystallographica Section D: Biological Crystallography, 2013, 69, 2495-2505.	2.5	42
36	Human T cell derived, cell-bound complement iC3b is integrally involved in T cell activation. Immunology Letters, 2012, 143, 131-136.	2.5	15

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37	Generation of Gene-Engineered Chimeric DNA Molecules for Specific Therapy of Autoimmune Diseases. Human Gene Therapy Methods, 2012, 23, 357-365.	2.1	4
38	Characterization of factors influencing on-chip complement activation to optimize parallel measurement of antibody and complement proteins on antigen microarrays. Journal of Immunological Methods, 2012, 375, 75-83.	1.4	7
39	Impact of molecular mimicry on the clinical course and outcome of sepsis syndrome. Molecular Immunology, 2011, 49, 512-517.	2.2	8
40	Association of RNA with the uracilâ€DNAâ€degrading factor has major conformational effects and is potentially involved in protein folding. FEBS Journal, 2011, 278, 295-315.	4.7	6
41	Modulation of the humoral immune response by targeting CD40 and Fcl̂³RII/III; delivery of soluble but not particulate antigen to CD40 enhances antibody responses with a Th1 bias. Molecular Immunology, 2011, 49, 155-162.	2.2	4
42	Cellular Response to Efficient dUTPase RNAi Silencing in Stable HeLa Cell Lines Perturbs Expression Levels of Genes Involved in Thymidylate Metabolism. Nucleosides, Nucleotides and Nucleic Acids, 2011, 30, 369-390.	1.1	21
43	Elimination of autoreactive B cells in humanized SCID mouse model of SLE. European Journal of Immunology, 2011, 41, 3301-3311.	2.9	18
44	Transgenic expression of bovine neonatal Fc receptor in mice boosts immune response and improves hybridoma production efficiency without any sign of autoimmunity. Immunology Letters, 2011, 137, 62-69.	2.5	15
45	Recent advances using FcRn overexpression in transgenic animals to overcome impediments of standard antibody technologies to improve the generation of specific antibodies. MAbs, 2011, 3, 431-439.	5.2	19
46	Neonatal FcR Overexpression Boosts Humoral Immune Response in Transgenic Mice. Journal of Immunology, 2011, 186, 959-968.	0.8	65
47	Mucosal Immunity and the Intestinal Microbiome in the Development of Critical Illness. ISRN Immunology, 2011, 2011, 1-12.	0.7	3
48	Introduction. Immunology Letters, 2010, 130, 1.	2.5	1
49	Modulation of immune response by combined targeting of complement receptors and low-affinity FcÎ ³ receptors. Immunology Letters, 2010, 130, 66-73.	2.5	7
50	Progression of lupus-like disease drives the appearance of complement-activating IgG antibodies in MRL/lpr mice. Rheumatology, 2010, 49, 2273-2280.	1.9	17
51	Antigen microarrays: descriptive chemistry or functional immunomics?. Trends in Immunology, 2010, 31, 133-137.	6.8	28
52	Transient decomplementation of mice delays onset of experimental autoimmune encephalomyelitis and impairs MOG-specific T cell response and autoantibody production. Molecular Immunology, 2009, 47, 57-63.	2.2	12
53	Mathematical analysis of clinical data reveals a homunculus of bacterial mimotopes protecting from autoimmunity via oral tolerance in human. Molecular Immunology, 2009, 46, 1673-1678.	2.2	4
54	Expression and role of CR1 and CR2 on B and T lymphocytes under physiological and autoimmune conditions. Molecular Immunology, 2009, 46, 2767-2773.	2.2	76

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55	A novel, complement-mediated way to enhance the interplay between macrophages, dendritic cells and T lymphocytes. Molecular Immunology, 2009, 47, 438-448.	2.2	17
56	Novel roles for murine complement receptors type 1 and 2. Immunology Letters, 2008, 116, 163-167.	2.5	10
57	Twoâ€dimensional immune profiles improve antigen microarrayâ€based characterization of humoral immunity. Proteomics, 2008, 8, 2840-2848.	2.2	13
58	News and EFIS - Eur. J. Immunol. 6/2008. European Journal of Immunology, 2008, 38, 1476-1478.	2.9	0
59	Novel roles for murine complement receptors type 1 and 2. Immunology Letters, 2008, 116, 156-162.	2.5	17
60	Introduction. Immunology Letters, 2008, 116, 103.	2.5	0
61	An antibody-based construct carrying DNA-mimotope and targeting CR1(CD35) selectively suppresses human autoreactive B-lymphocytes. Immunology Letters, 2008, 116, 168-173.	2.5	28
62	Set a thief to catch a thief: Self-reactive innate lymphocytes and self tolerance. Autoimmunity Reviews, 2008, 7, 278-283.	5.8	11
63	B lymphocytes and macrophages release cell membrane deposited C3-fragments on exosomes with T cell response-enhancing capacityâ~†. Molecular Immunology, 2008, 45, 2343-2351.	2.2	44
64	Detection of Complement Activation on Antigen Microarrays Generates Functional Antibody Profiles and Helps Characterization of Disease-Associated Changes of the Antibody Repertoire. Journal of Immunology, 2008, 181, 8162-8169.	0.8	14
65	Physiological up-regulation of inhibitory receptors FcÂRII and CR1 on memory B cells is lacking in SLE patients. International Immunology, 2008, 20, 185-192.	4.0	34
66	C3a-derived peptide binds to the type I FcÂR and inhibits proximal-coupling signal processes and cytokine secretion by mast cells. International Immunology, 2008, 20, 1239-1245.	4.0	8
67	On-chip Complement Activation Adds an Extra Dimension to Antigen Microarrays. Molecular and Cellular Proteomics, 2007, 6, 133-140.	3.8	19
68	A novel fruitfly protein under developmental control degrades uracil-DNA. Biochemical and Biophysical Research Communications, 2007, 355, 643-648.	2.1	22
69	Complement protein C1q induces maturation of human dendritic cells. Molecular Immunology, 2007, 44, 3389-3397.	2.2	76
70	Altered Expression of Fc and Complement Receptors on B Cells in Systemic Lupus Erythematosus. Annals of the New York Academy of Sciences, 2007, 1108, 183-192.	3.8	8
71	The brain-specific protein TPPP/p25 in pathological protein deposits of neurodegenerative diseases. Acta Neuropathologica, 2007, 113, 153-161.	7.7	65
72	Murine CR1/2 Targeted Antigenized Single-Chain Antibody Fragments Induce Transient Low Affinity Antibodies and Negatively Influence an Ongoing Immune Response. , 2007, 598, 214-225.		6

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73	The role of CR2 in autoimmunity. Autoimmunity, 2006, 39, 357-366.	2.6	19
74	Interaction of TPPP/p25 protein with glyceraldehyde-3-phosphate dehydrogenase and their co-localization in Lewy bodies. FEBS Letters, 2006, 580, 5807-5814.	2.8	34
75	Expression and role of Fc- and complement-receptors on human dendritic cells. Immunology Letters, 2006, 104, 46-52.	2.5	65
76	The Role of the Complement System in the Pathogenesis of Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. , 2006, 586, 177-188.		1
77	Establishment of the "EFIS-Lecture Award― Immunology Letters, 2005, 100, 5.	2.5	0
78	FHR-4A: a new factor H-related protein is encoded by the human FHR-4 gene. European Journal of Human Genetics, 2005, 13, 321-329.	2.8	45
79	The β Subunit of the Type I Fcε Receptor Is a Target for Peptides Inhibiting IgE-Mediated Secretory Response of Mast Cells. Journal of Immunology, 2005, 175, 2801-2806.	0.8	20
80	Rhinophototherapy: A new therapeutic tool for the management of allergic rhinitis. Journal of Allergy and Clinical Immunology, 2005, 115, 541-547.	2.9	76
81	Developmental Regulation of dUTPase in Drosophila melanogaster. Journal of Biological Chemistry, 2004, 279, 22362-22370.	3.4	38
82	Cutting Edge: Productive HIV-1 Infection of Dendritic Cells via Complement Receptor Type 3 (CR3,) Tj ETQq0 0 C) rgBT /Ove 0.8	erlock 10 Tf 5
83	C3a and C3b Activation Products of the Third Component of Complement (C3) Are Critical for Normal Liver Recovery after Toxic Injury. Journal of Immunology, 2004, 173, 747-754.	0.8	155
84	Complement C3 and C5 play critical roles in traumatic brain cryoinjury: blocking effects on neutrophil extravasation by C5a receptor antagonist. Journal of Neuroimmunology, 2004, 155, 55-63.	2.3	119
85	Regulation of B-cell activation by complement receptors CR1 (CD35) and CR2 (CD21)—possible involvement in the pathogenesis of autoimmune diseases. Autoimmunity Reviews, 2004, 3, 624-625.	5.8	0
86	Regulation of mast cell activation by complement-derived peptides. Immunology Letters, 2004, 92, 39-42.	2.5	41
87	Novel monoclonal antibodies against mouse C3 interfering with complement activation: description of fine specificity and applications to various immunoassays. Molecular Immunology, 2004, 40, 1213-1221.	2.2	57
88	Natively unfolded tubulin polymerization promoting protein TPPP/p25 is a common marker of alpha-synucleinopathies. Neurobiology of Disease, 2004, 17, 155-162.	4.4	140
89	Targeting with scFv: immune modulation by complement receptor specific constructs. Journal of Molecular Recognition, 2003, 16, 318-323.	2.1	2
90	dUTPase and Nucleocapsid Polypeptides of the Mason-Pfizer Monkey Virus Form a Fusion Protein in the Virion with Homotrimeric Organization and Low Catalytic Efficiency. Journal of Biological Chemistry, 2003, 278, 38803-38812.	3.4	21

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91	Cross-Linking of CD32 Induces Maturation of Human Monocyte-Derived Dendritic Cells Via NF-κB Signaling Pathway. Journal of Immunology, 2003, 170, 3963-3970.	0.8	55
92	Regulation of B-Cell Activation by Complement Receptors CD21 and CD35. Current Pharmaceutical Design, 2003, 9, 1849-1860.	1.9	28
93	Modeling the presentation of C3d-coated antigen by B lymphocytes: enhancement by CR1/2–BCR co-ligation is selective for the co-ligating antigen. International Immunology, 2002, 14, 241-247.	4.0	26
94	Complement Receptor Type 1 (CD35) Mediates Inhibitory Signals in Human B Lymphocytes. Journal of Immunology, 2002, 168, 2782-2788.	0.8	85
95	Bone marrowâ€derived mast cell differentiation is strongly reduced in histidine decarboxylase knockout, histamineâ€free mice. International Immunology, 2002, 14, 381-387.	4.0	29
96	Mucosal type mast cells express complement receptor type 2 (CD21). Immunology Letters, 2002, 82, 29-34.	2.5	12
97	Characterization of factor H-related cell membrane molecules expressed by human B lymphocytes and neutrophil granulocytes. Immunology Letters, 2001, 77, 55-62.	2.5	2
98	Mannan-binding lectin and C1q bind to distinct structures and exert differential effects on macrophages. European Journal of Immunology, 2000, 30, 1706-1713.	2.9	27
99	Bacterially expressed human FcγRIIb is soluble and functionally active after in vitro refolding. Immunology Letters, 2000, 75, 33-40.	2.5	4
100	Immunomodulatory functions of murine CR1/2. Immunopharmacology, 2000, 49, 117-124.	2.0	27
101	H1 histamine receptor antagonist inhibits constitutive growth of Jurkat T cells and antigen-specific proliferation of ovalbumin-specific murine T cells. Seminars in Cancer Biology, 2000, 10, 41-45.	9.6	32
102	Targeting of influenza epitopes to murine CR1/CR2 using single-chain antibodies. Immunopharmacology, 1999, 42, 159-165.	2.0	29
103	Inhibition of IgE-mediated triggering of mast cells by complement-derived peptides interacting with the FcîµRI. Immunology Letters, 1999, 68, 79-82.	2.5	15
104	HIV-1 induces human monocyte-derived macrophages to produce C3 and to fix C3 on their surface. Journal of Leukocyte Biology, 1998, 63, 463-468.	3.3	4
105	Two parallel routes of the complement-mediated antibody-dependent enhancement of HIV-1 infection. Aids, 1997, 11, 949-958.	2.2	39
106	Complement peptides and mast cell triggering. Immunology Letters, 1996, 54, 109-112.	2.5	17
107	Complement peptide C3a inhibits IgEmediated triggering of rat mucosal mast cells. International Immunology, 1995, 7, 1433-1439.	4.0	21
108	A novel, complement factor H-related regulatory protein expressed on the surface of human B cell lines. European Journal of Immunology, 1994, 24, 867-872.	2.9	10

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109	Cold target competition analysis of the classical activation pathway of complement-mediated cytotoxicity: A non-interaction model for competing lysis. Molecular Immunology, 1992, 29, 1347-1355.	2.2	5
110	Macrophage-Bound C3 Fragments as Adhesion Molecules Modulate Presentation of Exogenous Antigens. Immunobiology, 1992, 185, 314-326.	1.9	20
111	Novel regulators of the humoral immune response. Trends in Immunology, 1992, 13, A4-A6.	7.5	1
112	Complement research: biosynthesis, genetics, immunoregulatory role and clinical studies. Trends in Immunology, 1992, 13, A10-A12.	7.5	56
113	The role of C3 in the immune response. Trends in Immunology, 1991, 12, 332-337.	7.5	123
114	Characterization of the interleukin 5-reactive splenic B cell population. European Journal of Immunology, 1990, 20, 1949-1956.	2.9	19
115	Interaction between C3 and IL-2; inhibition of C3b binding to CR1 by IL-2. Immunology Letters, 1989, 21, 131-137.	2.5	8
116	Reversible biotinylation of C1q with a cleavable biotinyl derivative. Journal of Immunological Methods, 1988, 110, 251-260.	1.4	43
117	Appearance of acceptor-bound C3b on HLA-DR positive macrophages and on stimulated U937 cells; Inhibition of FcÎ ³ -receptors by the covalently fixed C3 fragments. Molecular Immunology, 1988, 25, 295-303.	2.2	19
118	The Clq receptor. Molecular Immunology, 1988, 25, 1067-1073.	2.2	33
119	Effector or target cell selection mediated by C3 bridges. Immunology Letters, 1987, 14, 243-248.	2.5	3
120	Cell cycle control of activated, synchronized murine B lymphocytes—roles of macrophages and complement C3. Molecular Immunology, 1986, 23, 1173-1176.	2.2	15
121	Growth control of activated, synchronized murine B cells by the C3d fragment of human complement. Nature, 1985, 317, 264-267.	27.8	251
122	Functional cooperation of C3b-acceptors, FcÎ ³ -receptors and cell-surface proteases on macrophages. Immunology Letters, 1985, 11, 141-146.	2.5	4
123	The action of human C3 in soluble or cross-linked form with resting and activated murine B lymphocytes. European Journal of Immunology, 1985, 15, 184-188.	2.9	85
124	Modulation of Fc receptor mediated functions by split products of C3. Molecular Immunology, 1984, 21, 1205-1210.	2.2	6
125	Role of C3b receptors in the enhancement of interleukin-2-dependent T-cell proliferation. Molecular Immunology, 1984, 21, 1215-1221.	2.2	32
126	IgG-Fc receptors differ in sensitivity to primary amines. Immunology Letters, 1983, 6, 265-269.	2.5	1

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127	C3b Acceptors on macrophages: Inhibition of Fcγ-receptor-mediated phagocytosis by acceptor-bound C3b. Immunology Letters, 1983, 6, 287-291.	2.5	6
128	The Fc receptor model of membrane cytoplasmic signalling. Molecular Immunology, 1982, 19, 1223-1228.	2.2	16
129	Differential effect of low molecular weight alcohols on the Con A stimulation of mouse spleen cells. Immunology Letters, 1982, 4, 305-309.	2.5	3
130	Immune-complex-induced transglut aminase activation: Its role in the Fc-receptor-mediated transmembrane effect on peritoneal macrophages. Molecular Immunology, 1981, 18, 633-638.	2.2	44
131	Interference of β2-microglobulin specific autoantibodies with EA-binding of human peripheral lymphocytes; Inhibition of B-cell and enhancement of T-lymphocyte Fc-receptors. Immunology Letters, 1981, 3, 215-220.	2.5	0
132	Complement-dependent inhibition of Fc receptors on human peripheral blood mononuclear cells: inhibition of the binding of aggregated IgG, soluble and particulate immune complexes. Immunology Letters, 1980, 1, 223-226.	2.5	5
133	Effect of binding of C3 and its fragments on the plasma membrane fluidity of lymphocytes. Immunology Letters, 1980, 2, 115-118.	2.5	2
134	Studies on the mechanism of the complement-mediated inhibition of the Fc and C3 receptors of B lymphocytes. Clinical Immunology and Immunopathology, 1977, 8, 367-376.	2.0	12
135	Functionally active C1 on the surface of human peripheral lymphocytes: Its role in the complement-mediated inhibition of the Fc receptor of B lymphocytes. Clinical Immunology and Immunopathology, 1976, 5, 377-387.	2.0	18