

# Robert B Sim

## List of Publications by Citations

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326  
ext. papers

19,698  
ext. citations

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L-index

#	Paper	IF	Citations
288	Purification and characterization of a peptide from amyloid-rich pancreases of type 2 diabetic patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 8628-32	11.5	1139
287	The impact of glycosylation on the biological function and structure of human immunoglobulins. <i>Annual Review of Immunology</i> , <b>2007</b> , 25, 21-50	34.7	975
286	Glycosylation changes of IgG associated with rheumatoid arthritis can activate complement via the mannose-binding protein. <i>Nature Medicine</i> , <b>1995</b> , 1, 237-43	50.5	642
285	Collectins: collagenous C-type lectins of the innate immune defense system. <i>Trends in Immunology</i> , <b>1994</b> , 15, 67-74		423
284	Complement activation and protein adsorption by carbon nanotubes. <i>Molecular Immunology</i> , <b>2006</b> , 43, 193-201	4.3	352
283	C1q and tumor necrosis factor superfamily: modularity and versatility. <i>Trends in Immunology</i> , <b>2004</b> , 25, 551-61	14.4	343
282	Immune evasion by a staphylococcal complement inhibitor that acts on C3 convertases. <i>Nature Immunology</i> , <b>2005</b> , 6, 920-7	19.1	310
281	Macrophage complement and lectin-like receptors bind <i>Leishmania</i> in the absence of serum. <i>Journal of Experimental Medicine</i> , <b>1985</b> , 162, 324-31	16.6	265
280	Human leukocyte C1q receptor binds other soluble proteins with collagen domains. <i>Journal of Experimental Medicine</i> , <b>1990</b> , 172, 955-9	16.6	259
279	<i>Neisseria meningitidis</i> recruits factor H using protein mimicry of host carbohydrates. <i>Nature</i> , <b>2009</b> , 458, 890-3	50.4	247
278	Filled and glycosylated carbon nanotubes for in vivo radioemitter localization and imaging. <i>Nature Materials</i> , <b>2010</b> , 9, 485-90	27	238
277	Three-dimensional structure of a complement control protein module in solution. <i>Journal of Molecular Biology</i> , <b>1991</b> , 219, 717-25	6.5	224
276	Complement system proteins which interact with C3b or C4b A superfamily of structurally related proteins. <i>Trends in Immunology</i> , <b>1986</b> , 7, 230-4		218
275	Functional analysis of the classical, alternative, and MBL pathways of the complement system: standardization and validation of a simple ELISA. <i>Journal of Immunological Methods</i> , <b>2005</b> , 296, 187-98	2.5	216
274	Solution structure of a pair of complement modules by nuclear magnetic resonance. <i>Journal of Molecular Biology</i> , <b>1993</b> , 232, 268-84	6.5	195
273	Functional significance of factor H binding to <i>Neisseria meningitidis</i> . <i>Journal of Immunology</i> , <b>2006</b> , 176, 7566-75	5.3	192
272	Extracellular enveloped vaccinia virus is resistant to complement because of incorporation of host complement control proteins into its envelope. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 7544-9	11.5	188

271	Simultaneous activation of complement and coagulation by MBL-associated serine protease 2. <i>PLoS ONE</i> , <b>2007</b> , 2, e623	3.7	178
270	Natural substrates and inhibitors of mannan-binding lectin-associated serine protease-1 and -2: a study on recombinant catalytic fragments. <i>Journal of Immunology</i> , <b>2003</b> , 170, 1374-82	5.3	177
269	Local opsonization by secreted macrophage complement components. Role of receptors for complement in uptake of zymosan. <i>Journal of Experimental Medicine</i> , <b>1984</b> , 159, 244-60	16.6	177
268	Disease-associated mutations in human mannose-binding lectin compromise oligomerization and activity of the final protein. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 21302-11	5.4	175
267	Human serum IgM glycosylation: identification of glycoforms that can bind to mannan-binding lectin. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 29080-7	5.4	173
266	Distinct pathways of mannan-binding lectin (MBL)- and C1-complex autoactivation revealed by reconstitution of MBL with recombinant MBL-associated serine protease-2. <i>Journal of Immunology</i> , <b>2000</b> , 165, 2093-100	5.3	171
265	Human erythrocytes bind and inactivate type 5 adenovirus by presenting Coxsackie virus-adenovirus receptor and complement receptor 1. <i>Blood</i> , <b>2009</b> , 113, 1909-18	2.2	160
264	Structural basis for complement factor H linked age-related macular degeneration. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 2277-83	16.6	157
263	An IgG autoantibody which inactivates C1-inhibitor. <i>Nature</i> , <b>1986</b> , 323, 722-4	50.4	157
262	Structure, organization, and regulation of the complement genes. <i>Annual Review of Immunology</i> , <b>1988</b> , 6, 161-95	34.7	156
261	Complement in health and disease. <i>Advanced Drug Delivery Reviews</i> , <b>2011</b> , 63, 965-75	18.5	153
260	Proteases of the complement system. <i>Biochemical Society Transactions</i> , <b>2004</b> , 32, 21-7	5.1	148
259	The functions and relationships of Ty-VLP proteins in yeast reflect those of mammalian retroviral proteins. <i>Cell</i> , <b>1987</b> , 49, 111-9	56.2	144
258	C1q and its growing family. <i>Immunobiology</i> , <b>2007</b> , 212, 253-66	3.4	143
257	The human IL-1 receptor antagonist gene (IL1RN) maps to chromosome 2q14-q21, in the region of the IL-1 alpha and IL-1 beta loci. <i>Genomics</i> , <b>1992</b> , 13, 654-7	4.3	139
256	His-384 allotypic variant of factor H associated with age-related macular degeneration has different heparin binding properties from the non-disease-associated form. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 24713-20	5.4	138
255	Differential elution of Clq, Clr and Cls from human Cl bound to immune aggregates. Use in the rapid purification of Cl subcomponents. <i>Molecular Immunology</i> , <b>1979</b> , 16, 445-50	4.3	138
254	Impaired binding of the age-related macular degeneration-associated complement factor H 402H allotype to Bruch's membrane in human retina. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 30192-202	5.4	136

253	Glycosylation and the complement system. <i>Chemical Reviews</i> , <b>2002</b> , 102, 305-20-19	68.1	133
252	Complement C1q is dramatically up-regulated in brain microglia in response to transient global cerebral ischemia. <i>Journal of Immunology</i> , <b>2000</b> , 164, 5446-52	5.3	132
251	The biological functions of MBL-associated serine proteases (MASPs). <i>Immunobiology</i> , <b>2002</b> , 205, 467-75	3.4	131
250	Interaction of C1q receptor with lung surfactant protein A. <i>European Journal of Immunology</i> , <b>1992</b> , 22, 1437-45	6.1	127
249	Mannan binding lectin and its interaction with immunoglobulins in health and in disease. <i>Immunology Letters</i> , <b>2006</b> , 106, 103-10	4.1	123
248	Interaction of 125I-labelled complement subcomponents C-1r and C-1s with protease inhibitors in plasma. <i>FEBS Letters</i> , <b>1979</b> , 97, 111-5	3.8	120
247	Differential substrate and inhibitor profiles for human MASP-1 and MASP-2. <i>Molecular Immunology</i> , <b>2004</b> , 40, 921-9	4.3	116
246	Binding of host collectins to the pathogenic yeast <i>Cryptococcus neoformans</i> : human surfactant protein D acts as an agglutinin for acapsular yeast cells. <i>Infection and Immunity</i> , <b>1995</b> , 63, 3360-6	3.7	116
245	A recombinant trimeric surfactant protein D carbohydrate recognition domain inhibits respiratory syncytial virus infection in vitro and in vivo. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 3478-84	6.1	114
244	Carbohydrate-independent recognition of collagens by the macrophage mannose receptor. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 1074-82	6.1	109
243	The factor H variant associated with age-related macular degeneration (His-384) and the non-disease-associated form bind differentially to C-reactive protein, fibromodulin, DNA, and necrotic cells. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 10894-900	5.4	107
242	Interactions between <i>Neisseria meningitidis</i> and the complement system. <i>Trends in Microbiology</i> , <b>2007</b> , 15, 233-40	12.4	106
241	The complement system in schizophrenia. <i>Drug News and Perspectives</i> , <b>2008</b> , 21, 200-10		104
240	Complement factor I in health and disease. <i>Molecular Immunology</i> , <b>2011</b> , 48, 1611-20	4.3	103
239	Human follicular lymphoma cells contain oligomannose glycans in the antigen-binding site of the B-cell receptor. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 7405-15	5.4	103
238	A study of the structure of human complement component factor H by Fourier transform infrared spectroscopy and secondary structure averaging methods. <i>Biochemistry</i> , <b>1988</b> , 27, 4004-12	3.2	99
237	Activation of mannan-binding lectin-associated serine proteases leads to generation of a fibrin clot. <i>Immunology</i> , <b>2010</b> , 129, 482-95	7.8	96
236	Comparative study of the human ficolins reveals unique features of Ficolin-3 (Hakata antigen). <i>Molecular Immunology</i> , <b>2008</b> , 45, 1623-32	4.3	95

235	The classical activation pathway of the human complement system is specifically inhibited by calreticulin from <i>Trypanosoma cruzi</i> . <i>Journal of Immunology</i> , <b>2004</b> , 172, 3042-50	5.3	95
234	Pollen grains bind to lung alveolar type II cells (A549) via lung surfactant protein A (SP-A). <i>Bioscience Reports</i> , <b>1993</b> , 13, 79-90	4.1	93
233	Structural basis for complement factor I control and its disease-associated sequence polymorphisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 12839-44	11.5	92
232	Ligand binding by the p150,95 antigen of U937 monocytic cells: properties in common with complement receptor type 3 (CR3). <i>European Journal of Immunology</i> , <b>1986</b> , 16, 1117-23	6.1	89
231	Binding of pulmonary surfactant proteins to carbon nanotubes; potential for damage to lung immune defense mechanisms. <i>Carbon</i> , <b>2007</b> , 45, 607-617	10.4	88
230	Interferon gamma induces synthesis of complement alternative pathway proteins by human endothelial cells in culture. <i>Journal of Experimental Medicine</i> , <b>1988</b> , 168, 1917-22	16.6	88
229	The action of MBL-associated serine protease 1 (MASP1) on factor XIII and fibrinogen. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2008</b> , 1784, 1294-300	4	87
228	The glycosylation of human serum IgD and IgE and the accessibility of identified oligomannose structures for interaction with mannan-binding lectin. <i>Journal of Immunology</i> , <b>2004</b> , 173, 6831-40	5.3	87
227	A true autoactivating enzyme. Structural insight into mannan-binding lectin-associated serine protease-2 activations. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 33435-44	5.4	86
226	Interaction of C1q and the collectins with the potential receptors calreticulin (cC1qR/collectin receptor) and megalin. <i>Immunobiology</i> , <b>1998</b> , 199, 208-24	3.4	83
225	Complement factor I and cofactors in control of complement system convertase enzymes. <i>Methods in Enzymology</i> , <b>1993</b> , 223, 13-35	1.7	83
224	Structural insight on the recognition of surface-bound opsonins by the integrin I domain of complement receptor 3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 16426-31	11.5	82
223	The C1q and collectin binding site within C1q receptor (cell surface calreticulin). <i>Immunopharmacology</i> , <b>1997</b> , 38, 73-80		81
222	Serine proteases of the complement system. <i>Biochemical Society Transactions</i> , <b>2000</b> , 28, 545-50	5.1	80
221	Interaction of human monocytes, macrophages, and polymorphonuclear leukocytes with zymosan in vitro. Role of type 3 complement receptors and macrophage-derived complement. <i>Journal of Clinical Investigation</i> , <b>1985</b> , 76, 2368-76	15.9	80
220	C1: molecular interactions with activating systems. <i>Trends in Immunology</i> , <b>1991</b> , 12, 307-11		79
219	Studies on the sensitivity to complement-mediated lysis of erythrocytes (Inab phenotype) with a deficiency of DAF (decay accelerating factor). <i>British Journal of Haematology</i> , <b>1989</b> , 73, 248-53	4.5	79
218	Mannose-Binding Lectin Is a Disease Modifier in Clinical Malaria and May Function as Opsonin for <i>Plasmodium falciparum</i> - Infected Erythrocytes. <i>Infection and Immunity</i> , <b>2003</b> , 71, 6687-6687	3.7	78

217	Pattern of degradation of human complement fragment, C3b. <i>FEBS Letters</i> , <b>1981</b> , 132, 55-60	3.8	78
216	Understanding the laminated layer of larval Echinococcus II: immunology. <i>Trends in Parasitology</i> , <b>2011</b> , 27, 264-73	6.4	76
215	Activity, disulphide mapping and structural modelling of the fifth domain of human beta 2-glycoprotein I. <i>FEBS Letters</i> , <b>1992</b> , 313, 193-7	3.8	76
214	Antibodies to beta2-glycoprotein I--a specific marker for the antiphospholipid syndrome. <i>Clinical and Experimental Immunology</i> , <b>1997</b> , 109, 304-9	6.2	74
213	Cellular confocal fluorescence studies and cytotoxic activity of new Zn(II) bis(thiosemicarbazonato) complexes. <i>Dalton Transactions</i> , <b>2008</b> , 2107-10	4.3	74
212	Interactions between human complement components factor H, Factor I and C3b. <i>Biochemical Journal</i> , <b>1997</b> , 326 ( Pt 2), 553-61	3.8	72
211	Role of early lectin pathway activation in the complement-mediated killing of Trypanosoma cruzi. <i>Molecular Immunology</i> , <b>2009</b> , 47, 426-37	4.3	71
210	Complement-endothelial cell interactions: pathophysiological implications. <i>Molecular Immunology</i> , <b>1999</b> , 36, 261-8	4.3	71
209	Molecular organization of human Ficolin-2. <i>Molecular Immunology</i> , <b>2007</b> , 44, 401-11	4.3	70
208	Multiple routes of complement activation by Mycobacterium bovis BCG. <i>Molecular Immunology</i> , <b>2009</b> , 46, 3367-78	4.3	68
207	Early complement proteases: C1r, C1s and MASPs. A structural insight into activation and functions. <i>Molecular Immunology</i> , <b>2009</b> , 46, 2745-52	4.3	66
206	The secondary structure of the von Willebrand factor type A domain in factor B of human complement by Fourier transform infrared spectroscopy. Its occurrence in collagen types VI, VII, XII and XIV, the integrins and other proteins by averaged structure predictions. <i>Journal of Molecular Biology</i> , <b>1994</b> , 238, 104-18	6.5	65
205	Kinetics of reaction of human C1-inhibitor with the human complement system proteases C1r and C1s. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1980</b> , 612, 433-49	3.8	65
204	Genetic influences on plasma CFH and CFHR1 concentrations and their role in susceptibility to age-related macular degeneration. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 4857-69	5.6	62
203	Activities of the MBL-associated serine proteases (MASPs) and their regulation by natural inhibitors. <i>Molecular Immunology</i> , <b>1999</b> , 36, 853-61	4.3	62
202	Structural model for the mannose receptor family uncovered by electron microscopy of Endo180 and the mannose receptor. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 8780-7	5.4	60
201	Recognition of Candida albicans by mannan-binding lectin in vitro and in vivo. <i>Journal of Infectious Diseases</i> , <b>2006</b> , 193, 1589-97	7	60
200	A simplified procedure for the purification of C1-inactivator from human plasma. Interaction with complement subcomponents C1r and C1s. <i>FEBS Letters</i> , <b>1977</b> , 79, 45-50	3.8	60

199	Classical pathway complement activity in schizophrenia. <i>Neuroscience Letters</i> , <b>2005</b> , 374, 35-7	3.3	59
198	Human Lung Surfactant Protein A Exists in Several Different Oligomeric States: Oligomer Size Distribution Varies between Patient Groups. <i>Molecular Medicine</i> , <b>1998</b> , 4, 266-275	6.2	59
197	Mutational analyses of the recombinant globular regions of human C1q A, B, and C chains suggest an essential role for arginine and histidine residues in the C1q-IgG interaction. <i>Journal of Immunology</i> , <b>2004</b> , 172, 4351-8	5.3	58
196	Oligomeric domain structure of human complement factor H by X-ray and neutron solution scattering. <i>Biochemistry</i> , <b>1991</b> , 30, 2847-57	3.2	57
195	Mannose-binding lectin is a disease modifier in clinical malaria and may function as opsonin for Plasmodium falciparum-infected erythrocytes. <i>Infection and Immunity</i> , <b>2003</b> , 71, 5245-53	3.7	56
194	Molecular modelling of human complement component C3 and its fragments by solution scattering. <i>FEBS Journal</i> , <b>1986</b> , 157, 155-68		56
193	Mannan binding lectin and viral hepatitis. <i>Immunology Letters</i> , <b>2007</b> , 108, 34-44	4.1	55
192	Properdin and factor h: opposing players on the alternative complement pathway "see-saw". <i>Frontiers in Immunology</i> , <b>2013</b> , 4, 93	8.4	54
191	Analogous interactions in initiating complexes of the classical and lectin pathways of complement. <i>Journal of Immunology</i> , <b>2009</b> , 182, 7708-17	5.3	54
190	Complement activation by carbon nanotubes and its influence on the phagocytosis and cytokine response by macrophages. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2014</b> , 10, 1287-99	6	53
189	High glucose disrupts oligosaccharide recognition function via competitive inhibition: a potential mechanism for immune dysregulation in diabetes mellitus. <i>Immunobiology</i> , <b>2011</b> , 216, 126-31	3.4	53
188	Increased complement classical and mannan-binding lectin pathway activities in schizophrenia. <i>Neuroscience Letters</i> , <b>2006</b> , 404, 336-41	3.3	53
187	Biochemical studies on red blood cells from a patient with the Inab phenotype (decay-accelerating factor deficiency). <i>Blood</i> , <b>1991</b> , 78, 3291-3297	2.2	52
186	The human complement system serine proteases C1r and C1s and their proenzymes. <i>Methods in Enzymology</i> , <b>1981</b> , 80 Pt C, 26-42	1.7	49
185	Complement activation by carbon nanotubes. <i>Advanced Drug Delivery Reviews</i> , <b>2011</b> , 63, 1031-41	18.5	48
184	Specific interaction of hepatitis C virus glycoproteins with mannan binding lectin inhibits virus entry. <i>Protein and Cell</i> , <b>2010</b> , 1, 664-74	7.2	48
183	Localisation of the C1q binding site within C1q receptor/calreticulin. <i>FEBS Letters</i> , <b>1996</b> , 397, 245-9	3.8	47
182	Sequence polymorphism of human complement factor H. <i>Immunogenetics</i> , <b>1988</b> , 27, 211-4	3.2	46

181	Preparation and properties of human C1 inhibitor. <i>Methods in Enzymology</i> , <b>1981</b> , 80 Pt C, 43-54	1.7	46
180	Expression of complement factor H on the cell surface of the human monocytic cell line U937. <i>European Journal of Immunology</i> , <b>1985</b> , 15, 935-41	6.1	45
179	Interaction of C1-inhibitor with the C1r and C1s subcomponents in human C1. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , <b>1979</b> , 576, 151-62		45
178	Effects of covalent functionalization on the biocompatibility characteristics of multi-walled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 2347-56	1.3	44
177	Molecular interactions between MASP-2, C4, and C2 and their activation fragments leading to complement activation via the lectin pathway. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 7844-51	5.4	44
176	Biochemistry and genetics of mannan-binding lectin (MBL). <i>Biochemical Society Transactions</i> , <b>2003</b> , 31, 748-52	5.1	44
175	Lung surfactant protein A provides a route of entry for respiratory syncytial virus into host cells. <i>Viral Immunology</i> , <b>2000</b> , 13, 125-35	1.7	43
174	Identification of four novel DC-SIGN ligands on Mycobacterium bovis BCG. <i>Protein and Cell</i> , <b>2010</b> , 1, 859-70		42
173	Associative and structural properties of the region of complement factor H encompassing the Tyr402His disease-related polymorphism and its interactions with heparin. <i>Journal of Molecular Biology</i> , <b>2007</b> , 368, 564-81	6.5	42
172	C1q binding and complement activation by prions and amyloids. <i>Immunobiology</i> , <b>2007</b> , 212, 355-62	3.4	42
171	Monoglucosylated glycans in the secreted human complement component C3: implications for protein biosynthesis and structure. <i>FEBS Letters</i> , <b>2004</b> , 566, 270-4	3.8	42
170	Recombinant surfactant protein-D selectively increases apoptosis in eosinophils of allergic asthmatics and enhances uptake of apoptotic eosinophils by macrophages. <i>International Immunology</i> , <b>2008</b> , 20, 993-1007	4.9	41
169	How Echinococcus granulosus deals with complement. <i>Parasitology Today</i> , <b>2000</b> , 16, 168-72		41
168	Characterization of Xenopus laevis complement factor I structure--conservation of modular structure except for an unusual insert not present in human factor I. <i>Molecular Immunology</i> , <b>1993</b> , 30, 1249-56	4.3	40
167	Collectins and their role in lung immunity. <i>Journal of Leukocyte Biology</i> , <b>2004</b> , 75, 27-33	6.5	39
166	Intramolecular general acid catalysis in the binding reactions of alpha 2-macroglobulin and complement components C3 and C4. <i>Bioscience Reports</i> , <b>1981</b> , 1, 461-8	4.1	39
165	Low-dose recombinant properdin provides substantial protection against Streptococcus pneumoniae and Neisseria meningitidis infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 5301-6	11.5	38
164	Isolation of a human endothelial cell C1q receptor (C1qR). <i>Journal of Leukocyte Biology</i> , <b>1993</b> , 53, 179-84	6.5	38

163	In vitro biosynthesis of complement factor I by human endothelial cells. <i>European Journal of Immunology</i> , <b>1992</b> , 22, 213-7	6.1	38
162	Macrophage scavenger receptor A mediates adhesion to apolipoproteins A-I and E. <i>Biochemistry</i> , <b>2009</b> , 48, 11858-71	3.2	37
161	Recognition of acetylated oligosaccharides by human L-ficolin. <i>Immunology Letters</i> , <b>2008</b> , 118, 152-6	4.1	37
160	Expression of the Proteinase Specialized in Bone Resorption, Cathepsin K, in Granulomatous Inflammation. <i>Molecular Medicine</i> , <b>2000</b> , 6, 648-659	6.2	37
159	Collectins and innate immunity in the lung. <i>Microbes and Infection</i> , <b>2000</b> , 2, 273-8	9.3	37
158	Genetics and deficiencies of the soluble regulatory proteins of the complement system. <i>International Reviews of Immunology</i> , <b>1993</b> , 10, 65-86	4.6	36
157	Lectin pathway effector enzyme mannan-binding lectin-associated serine protease-2 can activate native complement C3 in absence of C4 and/or C2. <i>FASEB Journal</i> , <b>2017</b> , 31, 2210-2219	0.9	35
156	Complement activation by phospholipids: the interplay of factor H and C1q. <i>Protein and Cell</i> , <b>2010</b> , 1, 1033-49	7.2	35
155	Length variation within intron 2 of the human IL-1 receptor antagonist protein gene (IL1RN). <i>Nucleic Acids Research</i> , <b>1991</b> , 19, 5095	20.1	35
154	Interaction of mannan binding lectin with alpha2 macroglobulin via exposed oligomannose glycans: a conserved feature of the thiol ester protein family?. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 6955-63 <sup>5.4</sup>	5.4	34
153	Identification of human complement Factor H as a ligand for L-selectin. <i>Biochemical Journal</i> , <b>1999</b> , 341, 61-69	3.8	34
152	A monoclonal antibody against human complement component C3: the production of C3 by human cells in vitro. <i>European Journal of Immunology</i> , <b>1981</b> , 11, 140-6	6.1	34
151	Target pattern recognition by complement proteins of the classical and alternative pathways. <i>Advances in Experimental Medicine and Biology</i> , <b>2009</b> , 653, 117-28	3.6	33
150	Echinococcus granulosus: the establishment of the metacestode is associated with control of complement-mediated early inflammation. <i>Experimental Parasitology</i> , <b>2008</b> , 118, 188-96	2.1	32
149	Investigation of the mechanisms of anti-complement activity in Ixodes ricinus ticks. <i>Molecular Immunology</i> , <b>2005</b> , 42, 31-8	4.3	32
148	Severe fibrosis in hepatitis C virus-infected patients is associated with increased activity of the mannan-binding lectin (MBL)/MBL-associated serine protease 1 (MASP-1) complex. <i>Clinical and Experimental Immunology</i> , <b>2007</b> , 147, 90-8	6.2	32
147	Complement C4B protein in schizophrenia. <i>World Journal of Biological Psychiatry</i> , <b>2008</b> , 9, 225-30	3.8	31
146	Human complement factor I does not require cofactors for cleavage of synthetic substrates. <i>Journal of Immunology</i> , <b>2004</b> , 173, 367-75	5.3	31

145	myo-Inositol hexakisphosphate is a major component of an extracellular structure in the parasitic cestode <i>Echinococcus granulosus</i> . <i>Biochemical Journal</i> , <b>2002</b> , 362, 297-304	3.8	31
144	Ligands and receptors of lung surfactant proteins SP-A and SP-D. <i>Frontiers in Bioscience - Landmark</i> , <b>2013</b> , 18, 1129-40	2.8	30
143	Prion protein activates and fixes complement directly via the classical pathway: implications for the mechanism of scrapie agent propagation in lymphoid tissue. <i>Molecular Immunology</i> , <b>2007</b> , 44, 2997-3004	4.3	30
142	Green derivatization of carbon nanotubes with Nylon 6 and L-alanine. <i>Journal of Materials Chemistry</i> , <b>2006</b> , 16, 4420-4426		30
141	Interactions of carbohydrates and lectins with complement. <i>Biochemical Society Transactions</i> , <b>1994</b> , 22, 106-11	5.1	30
140	Human beta 2-glycoprotein I: molecular analysis of DNA and amino acid polymorphism. <i>Human Genetics</i> , <b>1993</b> , 91, 401-2	6.3	30
139	Degradation of C1-Inhibitor by Plasmin: Implications for the Control of Inflammatory Processes. <i>Molecular Medicine</i> , <b>1997</b> , 3, 385-396	6.2	29
138	Partial characterization of human complement factor H by protein and cDNA sequencing: homology with other complement and non-complement proteins. <i>Bioscience Reports</i> , <b>1986</b> , 6, 65-72	4.1	29
137	Autolytic fragmentation of complement components C3 and C4 and its relationship to covalent binding activity. <i>Annals of the New York Academy of Sciences</i> , <b>1983</b> , 421, 259-76	6.5	29
136	Isolation and comparison of the proenzyme and activated forms of the human serum complement subcomponents C1r and C1s. <i>Biochemical Society Transactions</i> , <b>1976</b> , 4, 127-9	5.1	29
135	Innate immune humoral factors, C1q and factor H, with differential pattern recognition properties, alter macrophage response to carbon nanotubes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2015</b> , 11, 2109-18	6	28
134	Human complement Factor H modulates C1q-mediated phagocytosis of apoptotic cells. <i>Immunobiology</i> , <b>2012</b> , 217, 455-64	3.4	28
133	The catalytically active serine protease domain of human complement factor I. <i>Biochemistry</i> , <b>2005</b> , 44, 6239-49	3.2	28
132	Complement C4bC2 complex formation: an investigation by surface plasmon resonance. <i>BBA - Proteins and Proteomics</i> , <b>2001</b> , 1544, 96-112		28
131	A Schistosoma protein, Sh-TOR, is a novel inhibitor of complement which binds human C2. <i>FEBS Letters</i> , <b>2000</b> , 470, 131-4	3.8	28
130	Scrapie pathogenesis: the role of complement C1q in scrapie agent uptake by conventional dendritic cells. <i>Journal of Immunology</i> , <b>2009</b> , 182, 1305-13	5.3	27
129	Unique precipitation and exocytosis of a calcium salt of myo-inositol hexakisphosphate in larval <i>Echinococcus granulosus</i> . <i>Journal of Cellular Biochemistry</i> , <b>2004</b> , 93, 1272-81	4.7	27
128	Factor H as a regulator of the classical pathway activation. <i>Immunobiology</i> , <b>2012</b> , 217, 162-8	3.4	26

127	Interactions of complement proteins C1q and factor H with lipid A and Escherichia coli: further evidence that factor H regulates the classical complement pathway. <i>Protein and Cell</i> , <b>2011</b> , 2, 320-32	7.2	26
126	The human lung surfactant proteins A (SP-A) and D (SP-D) interact with apoptotic target cells by different binding mechanisms. <i>Immunobiology</i> , <b>2010</b> , 215, 551-8	3.4	26
125	Complement C1q-target proteins recognition is inhibited by electric moment effectors. <i>Journal of Molecular Recognition</i> , <b>2007</b> , 20, 405-15	2.6	25
124	Evaluation and clinical interest of mannan binding lectin function in human plasma. <i>Molecular Immunology</i> , <b>2002</b> , 39, 465-73	4.3	25
123	Molecular modeling of human complement component C4 and its fragments by X-ray and neutron solution scattering. <i>Biochemistry</i> , <b>1990</b> , 29, 1167-75	3.2	25
122	Mannan-binding lectin in human serum, cerebrospinal fluid and brain tissue and its role in Alzheimer's disease. <i>NeuroReport</i> , <b>1998</b> , 9, 1491-5	1.7	24
121	Collectins, collectin receptors and the lectin pathway of complement activation. <i>Clinical and Experimental Immunology</i> , <b>1994</b> , 97 Suppl 2, 4-9	6.2	23
120	Human complement factor I glycosylation: structural and functional characterisation of the N-linked oligosaccharides. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2006</b> , 1764, 1757-66	4	23
119	Collectins and viral infection. <i>Trends in Microbiology</i> , <b>1995</b> , 3, 240-4	12.4	23
118	Heterogeneity of MBL-MASP complexes. <i>Molecular Immunology</i> , <b>2006</b> , 43, 1286-92	4.3	22
117	Structure and specificity of complement receptors. <i>Immunology Letters</i> , <b>1987</b> , 14, 183-90	4.1	22
116	Induction of TNF-alpha release from human buffy coat cells by Pseudomonas aeruginosa is reduced by lung surfactant protein A. <i>FEBS Letters</i> , <b>1998</b> , 437, 65-9	3.8	21
115	Cryoglobulins as indicators of upregulated immune response in schizophrenia. <i>Clinical Biochemistry</i> , <b>2008</b> , 41, 355-60	3.5	21
114	Contribution of C5-mediated mechanisms to host defence against Echinococcus granulosus hydatid infection. <i>Parasite Immunology</i> , <b>2000</b> , 22, 445-53	2.2	21
113	Assignment of apolipoprotein H (APOH: beta-2-glycoprotein I) to human chromosome 17q23----qter; determination of the major expression site. <i>Cytogenetic and Genome Research</i> , <b>1992</b> , 60, 31-3	1.9	21
112	myo-Inositol hexakisphosphate is a major component of an extracellular structure in the parasitic cestode Echinococcus granulosus. <i>Biochemical Journal</i> , <b>2002</b> , 362, 297-304	3.8	20
111	Human interleukin-1 receptor antagonist. High yield expression in E. coli and examination of cysteine residues. <i>FEBS Letters</i> , <b>1992</b> , 310, 63-5	3.8	20
110	The first component of human complement--C1. <i>Methods in Enzymology</i> , <b>1981</b> , 80 Pt C, 6-16	1.7	20

109	Control of host complement activation by the Echinococcus granulosus hydatid cyst. <i>Immunopharmacology</i> , <b>1999</b> , 42, 91-8		19
108	Dye-ligand affinity purification of human complement factor B and beta 2 glycoprotein I. <i>Journal of Immunological Methods</i> , <b>1993</b> , 157, 25-30	2.5	19
107	Complement factor H interferes with Mycobacterium bovis BCG entry into macrophages and modulates the pro-inflammatory cytokine response. <i>Immunobiology</i> , <b>2016</b> , 221, 944-52	3.4	18
106	Human L-ficolin, a recognition molecule of the lectin activation pathway of complement, activates complement by binding to pneumolysin, the major toxin of Streptococcus pneumoniae. <i>PLoS ONE</i> , <b>2013</b> , 8, e82583	3.7	18
105	Effect of functionalization of carbon nanotubes with psychosine on complement activation and protein adsorption. <i>Journal of Biomedical Nanotechnology</i> , <b>2011</b> , 7, 830-9	4	18
104	Echinococcus granulosus: an intraperitoneal diffusion chamber model of secondary infection in mice. <i>Experimental Parasitology</i> , <b>1998</b> , 90, 270-6	2.1	18
103	Mechanism of Action of Anti-C1-Inhibitor Autoantibodies: Prevention of the Formation of Stable C1s-C1-inh Complexes. <i>Molecular Medicine</i> , <b>1998</b> , 4, 119-128	6.2	18
102	Production and functional activity of a recombinant von Willebrand factor-A domain from human complement factor B. <i>Biochemical Journal</i> , <b>1999</b> , 342, 625-632	3.8	18
101	Appearance of acceptor-bound C3b on HLA-DR positive macrophages and on stimulated U937 cells; inhibition of Fc gamma-receptors by the covalently fixed C3 fragments. <i>Molecular Immunology</i> , <b>1988</b> , 25, 295-303	4.3	18
100	Complement research in the 18th-21st centuries: Progress comes with new technology. <i>Immunobiology</i> , <b>2016</b> , 221, 1037-45	3.4	17
99	Characterization of radioiodinated lung surfactant protein A (SP-A) and the effects of oxidation on SP-A quaternary structure and activity. <i>Experimental Lung Research</i> , <b>1996</b> , 22, 467-87	2.3	17
98	Interaction of C1q, and other proteins containing collagen-like domains, with the C1q receptor. <i>Biochemical Society Transactions</i> , <b>1990</b> , 18, 1145-8	5.1	17
97	Role of complement receptor CR1 in the breakdown of soluble and zymosan-bound C3b. <i>Biochemical Society Transactions</i> , <b>1984</b> , 12, 781-782	5.1	17
96	Human Properdin Opsonizes Nanoparticles and Triggers a Potent Pro-inflammatory Response by Macrophages without Involving Complement Activation. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 131	8.4	16
95	Surface-bound myeloperoxidase is a ligand for recognition of late apoptotic neutrophils by human lung surfactant proteins A and D. <i>Protein and Cell</i> , <b>2010</b> , 1, 563-72	7.2	16
94	Identification of human complement Factor H as a ligand for L-selectin. <i>Biochemical Journal</i> , <b>1999</b> , 341, 61	3.8	16
93	Comparison of complement activation in vitro by different Echinococcus granulosus extracts. <i>Parasite Immunology</i> , <b>1996</b> , 18, 371-5	2.2	16
92	Hydrodynamic parameters of the detergent-solubilised hydrogenase from Paracoccus denitrificans. <i>FEBS Journal</i> , <b>1979</b> , 97, 119-26		16

91	Complement Deposition on Nanoparticles Can Modulate Immune Responses by Macrophage, B and T Cells. <i>Journal of Biomedical Nanotechnology</i> , <b>2016</b> , 12, 197-216	4	15
90	A potential anti-coagulant role of complement factor H. <i>Molecular Immunology</i> , <b>2014</b> , 59, 188-93	4.3	15
89	The complement system of the goat: haemolytic assays and isolation of major proteins. <i>BMC Veterinary Research</i> , <b>2012</b> , 8, 91	2.7	15
88	Discrete MBL-MASP complexes show wide inter-individual variability in concentration: data from UK vs Armenian populations. <i>International Journal of Immunopathology and Pharmacology</i> , <b>2006</b> , 19, 567-380	3.80	15
87	Evolution of innate immune systems*. <i>Biochemistry and Molecular Biology Education</i> , <b>2005</b> , 33, 177-83	1.3	15
86	Human immunoglobulin glycosylation and the lectin pathway of complement activation. <i>Advances in Experimental Medicine and Biology</i> , <b>2005</b> , 564, 27-43	3.6	15
85	Complement factor H in its alternative identity as adrenomedullin-binding protein 1. <i>Molecular Immunology</i> , <b>2015</b> , 68, 45-8	4.3	14
84	Studies on the isolation of human C1q-receptor. <i>Biochemical Society Transactions</i> , <b>1988</b> , 16, 735-736	5.1	14
83	A recombinant two-module form of human properdin is an inhibitor of the complement alternative pathway. <i>Molecular Immunology</i> , <b>2016</b> , 73, 76-87	4.3	14
82	Pulmonary surfactant protein SP-D opsonises carbon nanotubes and augments their phagocytosis and subsequent pro-inflammatory immune response. <i>Nanoscale</i> , <b>2017</b> , 9, 1097-1109	7.7	13
81	Human complement factor I: its expression by insect cells and its biochemical and structural characterisation. <i>Molecular Immunology</i> , <b>1998</b> , 35, 503-12	4.3	13
80	Host-derived annexin II at the host-parasite interface of the Echinococcus granulosus hydatid cyst. <i>Molecular and Biochemical Parasitology</i> , <b>2000</b> , 110, 171-6	1.9	13
79	Prediction from sequence comparisons of residues of factor H involved in the interaction with complement component C3b. <i>Biochemical Journal</i> , <b>1996</b> , 315 ( Pt 2), 523-31	3.8	13
78	Improvement of the expression and purification of Mycobacterium tuberculosis arylamine N-acetyltransferase (TBNAT) a potential target for novel anti-tubercular agents. <i>Protein Expression and Purification</i> , <b>2011</b> , 80, 246-52	2	12
77	Resistance of the Echinococcus granulosus cyst wall to complement activation: analysis of the role of InsP6 deposits. <i>Parasite Immunology</i> , <b>2008</b> , 30, 354-64	2.2	12
76	Expression, purification, cocrystallization and preliminary crystallographic analysis of sucrose octasulfate/human complement regulator factor H SCRs 6-8. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2007</b> , 63, 480-3		12
75	Beta-sheet secondary structure of an LDL receptor domain from complement factor I by consensus structure predictions and spectroscopy. <i>FEBS Letters</i> , <b>1995</b> , 371, 199-203	3.8	12
74	mRNA coding for a truncated form of human complement factor H. <i>Biochemical Society Transactions</i> , <b>1987</b> , 15, 651-652	5.1	12

73	Substances that can trigger activation of the alternative pathway of complement have anti-melanoma activity in mice. <i>International Journal of Cancer</i> , <b>1984</b> , 33, 683-7	7.5	12
72	Potential influences of complement factor H in autoimmune inflammatory and thrombotic disorders. <i>Molecular Immunology</i> , <b>2017</b> , 84, 84-106	4.3	11
71	Interactions of the innate immune system with carbon nanotubes. <i>Nanoscale Horizons</i> , <b>2017</b> , 2, 174-186	10.8	11
70	Identification of high-mannose and multiantennary complex-type N-linked glycans containing alpha-galactose epitopes from Nurse shark IgM heavy chain. <i>Glycoconjugate Journal</i> , <b>2009</b> , 26, 1055-64	3	11
69	A secondary C1s interaction site on C1-inhibitor is essential for formation of a stable enzyme-inhibitor complex. <i>FEBS Letters</i> , <b>1997</b> , 405, 42-6	3.8	11
68	Human interleukin-1 receptor antagonist is expressed in liver. <i>FEBS Letters</i> , <b>1992</b> , 310, 60-2	3.8	11
67	Inhibitory effect of Zn <sup>2+</sup> ions on the degradation of the complement activation fragment C3b. <i>Biochemical Society Transactions</i> , <b>1986</b> , 14, 73-74	5.1	11
66	Immunoblotting analysis of the peptide chain structure of the physiological breakdown products of the third component of human complement. <i>Electrophoresis</i> , <b>1986</b> , 7, 379-386	3.6	11
65	Human Properdin Modulates Macrophage: BCG Interaction Thrombospondin Repeats 4 and 5. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 533	8.4	10
64	Serine proteases of the complement lectin pathway and their genetic variations in ischaemic stroke. <i>Journal of Clinical Pathology</i> , <b>2018</b> , 71, 141-147	3.9	9
63	Echinococcus granulosus antigen 5 may be a serine proteinase. <i>Parasite Immunology</i> , <b>1997</b> , 19, 385	2.2	9
62	A recombinant trimeric surfactant protein D carbohydrate recognition domain inhibits respiratory syncytial virus infection in vitro and in vivo <b>1999</b> , 29, 3478		9
61	In vivo pharmacokinetics of calreticulin S-domain, an inhibitor of the classical complement pathway. <i>International Immunopharmacology</i> , <b>2002</b> , 2, 415-22	5.8	8
60	The effect of danazol on the production of C1 inhibitor in the guinea pig. <i>Complement (Basel, Switzerland)</i> , <b>1984</b> , 1, 27-35		8
59	Enterococcus faecalis Escapes Complement-Mediated Killing via Recruitment of Complement Factor H. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 220, 1061-1070	7	7
58	Complement Dependent and Independent Interaction Between Bovine Conglutinin and BCG: Implications in Bovine Tuberculosis. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 3159	8.4	7
57	Comparison of the complement system protein complexes formed by C1q and MBL. <i>Biochemical Society Transactions</i> , <b>1997</b> , 25, 41S	5.1	7
56	Role of the distal hinge region of C1-inhibitor in the regulation of C1s activity. <i>FEBS Letters</i> , <b>1997</b> , 412, 506-10	3.8	7

55	An angle-variable three-dimensional pulsed field gel electrophoresis system. <i>Analytical Biochemistry</i> , <b>1991</b> , 192, 32-8	3.1	7
54	Application of the immunoblotting technique to the study of single protein species in complex biological fluids: A model study with alpha-2-macroglobulin. <i>Electrophoresis</i> , <b>1985</b> , 6, 227-234	3.6	7
53	The generation of active fragments of complement receptor type 2 by trypsin digestion. <i>FEBS Letters</i> , <b>1985</b> , 189, 195-201	3.8	7
52	Production and functional activity of a recombinant von Willebrand factor-A domain from human complement factor B. <i>Biochemical Journal</i> , <b>1999</b> , 342, 625	3.8	7
51	Recombinant chemotaxis inhibitory protein of Staphylococcus aureus (CHIPS) protects against LPS-induced lung injury in mice. <i>Clinical Immunology</i> , <b>2018</b> , 197, 27-33	9	6
50	Complement Activation. <i>Frontiers in Nanobiomedical Research</i> , <b>2013</b> , 357-384		6
49	Assessment of in vivo complement activation on the Echinococcus granulosus hydatid cyst wall. <i>Parasite Immunology</i> , <b>2001</b> , 23, 655-8	2.2	6
48	Binding sites involved in the formation of the C3 (H <sub>2</sub> O)-factor B complex of the alternative pathway of complement. <i>Biochemical Society Transactions</i> , <b>1994</b> , 22, 2S	5.1	6
47	Sequence analysis of a cDNA clone encoding the C-terminal end of human complement factor H. <i>Bioscience Reports</i> , <b>1987</b> , 7, 201-7	4.1	6
46	Secretion of functionally active complement factor H related protein 5 (FHR5) by primary tumour cells derived from Glioblastoma Multiforme patients. <i>Immunobiology</i> , <b>2019</b> , 224, 625-631	3.4	5
45	Recognition of Carbon Nanotubes by the Human Innate Immune System <b>2011</b> , 183-210		5
44	Structures of the rat complement regulator CrrY. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2011</b> , 67, 739-43		5
43	Similarities between complement factor H and $\beta$ glycoprotein 1: Phospholipid binding and autoantibodies. <i>Molecular Immunology</i> , <b>1998</b> , 35, 375	4.3	5
42	An investigation of the interaction between human complement factor H and C3b. <i>Biochemical Society Transactions</i> , <b>1995</b> , 23, 53S	5.1	5
41	Lack of abnormal sensitivity to complement-mediated lysis in erythrocytes deficient only in decay accelerating factor. <i>Biochemical Society Transactions</i> , <b>1989</b> , 17, 514-514	5.1	5
40	Complement-Independent Modulation of Influenza A Virus Infection by Factor H. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 355	8.4	5
39	C4b Binding Protein Acts as an Innate Immune Effector Against Influenza A Virus. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 585361	8.4	5
38	Chemical labelling of active serum thioester proteins for quantification. <i>Immunobiology</i> , <b>2012</b> , 217, 256-64		4

37	Enzyme-independent, orientation-selective conjugation of whole human complement C3 to protein surfaces. <i>Journal of Immunological Methods</i> , <b>2008</b> , 337, 49-54	2.5	4
36	Crystal structure of VC1805, a conserved hypothetical protein from a <i>Vibrio cholerae</i> pathogenicity island, reveals homology to human p32. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2008</b> , 71, 1563-71 <sup>2</sup>	4.1 <sup>2</sup>	4
35	Complement-endothelial cell interactions: pathophysiological implications. <i>Molecular Immunology</i> , <b>2000</b> , 37, 91	4.3	4
34	Interactions in the complement-mediated lysis of blood group AB erythrocytes sensitized simultaneously with anti-A and anti-B monoclonal antibodies. <i>Immunology Letters</i> , <b>1993</b> , 35, 219-28	4.1	4
33	Purification, quantification, and functional analysis of Complement Factor H. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1100, 207-23	1.4	4
32	Chapter 6: Complement Control Proteins and Receptors: From FH to CR4 <b>2008</b> , 84-104		4
31	A chemical approach to immunoprotein engineering: chemoselective functionalization of thioester proteins in their native state. <i>ChemBioChem</i> , <b>2009</b> , 10, 1340-3	3.8	3
30	Immunochemical composition of cryoglobulins generated in stroke. <i>Journal of Clinical Immunology</i> , <b>2009</b> , 29, 274-81	5.7	3
29	Towards the crystal structure of intact Human Complement Factor I. <i>Molecular Immunology</i> , <b>2009</b> , 46, 2864-2865	4.3	3
28	An indirect effect of an antibody on complement deposition and lysis of differently sensitized surrounding cells. <i>Molecular Immunology</i> , <b>1994</b> , 31, 901-11	4.3	3
27	Chromosomal mapping of the human interleukin-1 receptor antagonist gene (IL-1RN) and isolation of specific YAC clones. <i>Agents and Actions</i> , <b>1993</b> , 38 Spec No, C59-60		3
26	Mapping the bovine factor H gene to chromosome 16 by SSCP analysis. <i>Mammalian Genome</i> , <b>1997</b> , 8, 77-8	3.2	2
25	Cathepsin K expression in epithelioid and multinucleated giant cells. <i>Journal of Pathology</i> , <b>2002</b> , 197, 690; author reply 691	9.4	2
24	Complement, Classical Pathway <b>1998</b> , 604-612		2
23	Monoclonal antibodies against complement component C3. <i>Biochemical Society Transactions</i> , <b>1987</b> , 15, 653-654	5.1	2
22	Localisation of a group of antigenic sites in complement component C3, and identification of a new fragmentation pattern. <i>BBA - Proteins and Proteomics</i> , <b>1984</b> , 789, 119-27		2
21	Acid-Treated Multi-Walled Carbon Nanotubes Coated with Lung Surfactant Protein SP-A Do Not Induce a Lung Inflammatory Response. <i>Journal of Advanced Microscopy Research</i> , <b>2013</b> , 8, 93-99		2
20	Complement Proteins as Soluble Pattern Recognition Receptors for Pathogenic Viruses. <i>Viruses</i> , <b>2021</b> , 13,	6.2	2

19	European Union funded project on the development of a whole complement deficiency screening ELISA-A story of success and an exceptional manager: Mohamed R. Doha. <i>Molecular Immunology</i> , <b>2015</b> , 68, 63-6	4.3	1
18	Complement Factor I <b>2013</b> , 2875-2880		1
17	Abnormal immune complexes in schizophrenia. <i>Neurochemical Journal</i> , <b>2008</b> , 2, 329-330	0.5	1
16	The Covalent Interactions of Complement Components and Other Proteins with Antibodies and Cell Surfaces <b>1981</b> , 2, 224-230		1
15	Complement Activation. <i>Frontiers in Nanobiomedical Research</i> , <b>2016</b> , 303-330		1
14	Human Properdin Released By Infiltrating Neutrophils Can Modulate Influenza A Virus Infection.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 747654	8.4	1
13	Mannose-Binding Lectin in Human Health and Disease <b>2021</b> , 17-47		0
12	Intrinsic Chemical Reactivity of Activated Human Complement Component C3. <i>Immunobiology</i> , <b>2022</b> , 152209	3.4	0
11	The Roles and Contributions of the Complement System in the Pathophysiology of Autoimmune Diseases <b>2014</b> , 217-227		
10	Activity and regulation of human MBL associated serine protease1(MASP-1). <i>Biochemical Society Transactions</i> , <b>2001</b> , 29, A129-A129	5.1	
9	Characterization of complement protein C1q binding to U937 myelomonocytic cells. <i>Biochemical Society Transactions</i> , <b>2002</b> , 30, A118-A118	5.1	
8	Ficolin isolation from human serum. <i>Biochemical Society Transactions</i> , <b>2002</b> , 30, A118-A118	5.1	
7	Activity studies on human complement factor I (FI). <i>Biochemical Society Transactions</i> , <b>2002</b> , 30, A118-A118	5.1	
6	A molecular model for human factor B by constrained scattering modelling. <i>Biochemical Society Transactions</i> , <b>2002</b> , 30, A119-A119	5.1	
5	SP-A <b>2000</b> , 41-45		
4	Interaction of the Immune System with Nanoparticles <b>2016</b> , 1678-1685		
3	Molecular Biology of the Human Complement Class III Products of the MHC: Factor I and Its Cofactors <b>1986</b> , 299-313		
2	The Roles and Contributions of the Complement System in the Pathophysiology of Autoimmune Diseases <b>2020</b> , 263-273		

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