

Anna Blom

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

298
papers

11,329
citations

61
h-index

88
g-index

403
ext. papers

13,102
ext. citations

5.7
avg, IF

6.32
L-index

#	Paper	IF	Citations
298	Neutrophil extracellular traps that are not degraded in systemic lupus erythematosus activate complement exacerbating the disease. <i>Journal of Immunology</i> , 2012 , 188, 3522-31	5.3	327
297	Complement activation and inhibition: a delicate balance. <i>Trends in Immunology</i> , 2009 , 30, 83-90	14.4	262
296	Complement evasion strategies of pathogens-acquisition of inhibitors and beyond. <i>Molecular Immunology</i> , 2009 , 46, 2808-17	4.3	177
295	The complement system in systemic lupus erythematosus: an update. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 1601-6	2.4	162
294	Binding of C4b-binding protein to porin: a molecular mechanism of serum resistance of <i>Neisseria gonorrhoeae</i> . <i>Journal of Experimental Medicine</i> , 2001 , 193, 281-95	16.6	162
293	Complement inhibitor C4b-binding protein-friend or foe in the innate immune system?. <i>Molecular Immunology</i> , 2004 , 40, 1333-46	4.3	147
292	Secreted frizzled-related protein 4 reduces insulin secretion and is overexpressed in type 2 diabetes. <i>Cell Metabolism</i> , 2012 , 16, 625-33	24.6	146
291	Role of complement and complement regulators in the removal of apoptotic cells. <i>Molecular Immunology</i> , 2008 , 45, 1199-207	4.3	146
290	The extracellular matrix and inflammation: fibromodulin activates the classical pathway of complement by directly binding C1q. <i>Journal of Biological Chemistry</i> , 2005 , 280, 32301-8	5.4	139
289	Bikunin--not just a plasma proteinase inhibitor. <i>International Journal of Biochemistry and Cell Biology</i> , 2000 , 32, 125-37	5.6	139
288	A novel interaction of outer membrane protein A with C4b binding protein mediates serum resistance of <i>Escherichia coli</i> K1. <i>Journal of Immunology</i> , 2002 , 169, 6352-60	5.3	136
287	A functional variant in the CFI gene confers a high risk of age-related macular degeneration. <i>Nature Genetics</i> , 2013 , 45, 813-7	36.3	134
286	Biphasic effect of gingipains from <i>Porphyromonas gingivalis</i> on the human complement system. <i>Journal of Immunology</i> , 2007 , 178, 7242-50	5.3	132
285	Mutations in components of complement influence the outcome of Factor I-associated atypical hemolytic uremic syndrome. <i>Kidney International</i> , 2010 , 77, 339-49	9.9	131
284	Rheumatoid arthritis and the complement system. <i>Annals of Medicine</i> , 2007 , 39, 517-30	1.5	128
283	Binding of flavivirus nonstructural protein NS1 to C4b binding protein modulates complement activation. <i>Journal of Immunology</i> , 2011 , 187, 424-33	5.3	122
282	CCP1-4 of the C4b-binding protein alpha-chain are required for factor I mediated cleavage of complement factor C3b. <i>Molecular Immunology</i> , 2003 , 39, 547-56	4.3	116

281	The emerging pathogen <i>Moraxella catarrhalis</i> interacts with complement inhibitor C4b binding protein through ubiquitous surface proteins A1 and A2. <i>Journal of Immunology</i> , 2004 , 173, 4598-606	5.3	113
280	C4b-binding protein (C4BP) activates B cells through the CD40 receptor. <i>Immunity</i> , 2003 , 18, 837-48	32.3	112
279	C3 glomerulopathy - understanding a rare complement-driven renal disease. <i>Nature Reviews Nephrology</i> , 2019 , 15, 129-143	14.9	109
278	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> , 2007 , 282, 10894-900	5.4	107
277	The complement system as a potential therapeutic target in rheumatic disease. <i>Nature Reviews Rheumatology</i> , 2017 , 13, 538-547	8.1	104
276	Short leucine-rich glycoproteins of the extracellular matrix display diverse patterns of complement interaction and activation. <i>Molecular Immunology</i> , 2009 , 46, 830-9	4.3	104
275	C4b-binding protein and factor H compensate for the loss of membrane-bound complement inhibitors to protect apoptotic cells against excessive complement attack. <i>Journal of Biological Chemistry</i> , 2007 , 282, 28540-28548	5.4	104
274	Complement factor I in health and disease. <i>Molecular Immunology</i> , 2011 , 48, 1611-20	4.3	103
273	Early complementopathy after multiple injuries in humans. <i>Shock</i> , 2012 , 37, 348-54	3.4	103
272	Structural requirements for the complement regulatory activities of C4BP. <i>Journal of Biological Chemistry</i> , 2001 , 276, 27136-44	5.4	103
271	The hyphal and yeast forms of <i>Candida albicans</i> bind the complement regulator C4b-binding protein. <i>Infection and Immunity</i> , 2004 , 72, 6633-41	3.7	99
270	Vitamin K-dependent protein S localizing complement regulator C4b-binding protein to the surface of apoptotic cells. <i>Journal of Immunology</i> , 2002 , 169, 2580-6	5.3	93
269	<i>Yersinia enterocolitica</i> serum resistance proteins YadA and ail bind the complement regulator C4b-binding protein. <i>PLoS Pathogens</i> , 2008 , 4, e1000140	7.6	91
268	Endoglycosidase treatment abrogates IgG arthritogenicity: importance of IgG glycosylation in arthritis. <i>European Journal of Immunology</i> , 2007 , 37, 2973-82	6.1	91
267	Binding of the complement inhibitor C4bp to serogroup B <i>Neisseria meningitidis</i> . <i>Journal of Immunology</i> , 2005 , 174, 6299-307	5.3	84
266	Regulation of complement by cartilage oligomeric matrix protein allows for a novel molecular diagnostic principle in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2010 , 62, 3574-83		83
265	A cluster of positively charged amino acids in the C4BP alpha-chain is crucial for C4b binding and factor I cofactor function. <i>Journal of Biological Chemistry</i> , 1999 , 274, 19237-45	5.4	82
264	Monomeric C-reactive protein modulates classic complement activation on necrotic cells. <i>FASEB Journal</i> , 2011 , 25, 4198-210	0.9	81

263	Regulation of complement activation by C-reactive protein: targeting of the inhibitory activity of C4b-binding protein. <i>Journal of Immunology</i> , 2006 , 176, 7612-20	5.3	80
262	Interpain A, a cysteine proteinase from <i>Prevotella intermedia</i> , inhibits complement by degrading complement factor C3. <i>PLoS Pathogens</i> , 2009 , 5, e1000316	7.6	79
261	Annexin A2 and A5 serve as new ligands for C1q on apoptotic cells. <i>Journal of Biological Chemistry</i> , 2012 , 287, 33733-44	5.4	78
260	PRELP protein inhibits the formation of the complement membrane attack complex.. <i>Journal of Biological Chemistry</i> , 2012 , 287, 19338	5.4	78
259	Complement in removal of the dead - balancing inflammation. <i>Immunological Reviews</i> , 2016 , 274, 218-232	1.3	77
258	A novel high mobility group box 1 neutralizing chimeric antibody attenuates drug-induced liver injury and postinjury inflammation in mice. <i>Hepatology</i> , 2016 , 64, 1699-1710	11.2	76
257	C4b-binding protein binds to necrotic cells and DNA, limiting DNA release and inhibiting complement activation. <i>Journal of Experimental Medicine</i> , 2005 , 201, 1937-48	16.6	75
256	Enolase of <i>Streptococcus pneumoniae</i> binds human complement inhibitor C4b-binding protein and contributes to complement evasion. <i>Journal of Immunology</i> , 2012 , 189, 3575-84	5.3	73
255	<i>Streptococcus pneumoniae</i> endopeptidase O (PepO) is a multifunctional plasminogen- and fibronectin-binding protein, facilitating evasion of innate immunity and invasion of host cells. <i>Journal of Biological Chemistry</i> , 2013 , 288, 6849-63	5.4	72
254	Degradation of neutrophil extracellular traps co-varies with disease activity in patients with systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2013 , 15, R84	5.7	72
253	Effects of filtration rate on the glomerular barrier and clearance of four differently shaped molecules. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 281, F103-13	4.3	72
252	Human C4b-binding protein selectively interacts with <i>Neisseria gonorrhoeae</i> and results in species-specific infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 17142-7	11.5	71
251	Clinical isolates of <i>Streptococcus pneumoniae</i> bind the complement inhibitor C4b-binding protein in a PspC allele-dependent fashion. <i>Journal of Immunology</i> , 2009 , 182, 7865-77	5.3	69
250	Nontypeable <i>Haemophilus influenzae</i> protein E binds vitronectin and is important for serum resistance. <i>Journal of Immunology</i> , 2009 , 183, 2593-601	5.3	68
249	A mutation in factor I that is associated with atypical hemolytic uremic syndrome does not affect the function of factor I in complement regulation. <i>Molecular Immunology</i> , 2007 , 44, 1835-44	4.3	68
248	Human C4b-binding protein has overlapping, but not identical, binding sites for C4b and streptococcal M proteins. <i>Journal of Immunology</i> , 2000 , 164, 5328-36	5.3	68
247	C4b-binding protein: The good, the bad and the deadly. Novel functions of an old friend. <i>Immunology Letters</i> , 2016 , 169, 82-92	4.1	66
246	A metalloproteinase karilysin present in the majority of <i>Tannerella forsythia</i> isolates inhibits all pathways of the complement system. <i>Journal of Immunology</i> , 2012 , 188, 2338-49	5.3	64

245	Binding of complement inhibitor C4b-binding protein contributes to serum resistance of Porphyromonas gingivalis. <i>Journal of Immunology</i> , 2008 , 181, 5537-44	5.3	64
244	The C4b-binding protein-protein S complex inhibits the phagocytosis of apoptotic cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 23869-73	5.4	64
243	Peptidyl arginine deiminase from Porphyromonas gingivalis abolishes anaphylatoxin C5a activity. <i>Journal of Biological Chemistry</i> , 2014 , 289, 32481-7	5.4	63
242	Staphylococcal proteases aid in evasion of the human complement system. <i>Journal of Innate Immunity</i> , 2014 , 6, 31-46	6.9	63
241	Relapsing fever spirochetes Borrelia recurrentis and B. duttonii acquire complement regulators C4b-binding protein and factor H. <i>Infection and Immunity</i> , 2006 , 74, 4157-63	3.7	63
240	Functional activity of the complement regulator encoded by Kaposi's sarcoma-associated herpesvirus. <i>Journal of Biological Chemistry</i> , 2003 , 278, 9283-9	5.4	63
239	Logarithmic phase Escherichia coli K1 efficiently avoids serum killing by promoting C4bp-mediated C3b and C4b degradation. <i>Immunology</i> , 2006 , 117, 482-93	7.8	62
238	The novel complement inhibitor human CUB and Sushi multiple domains 1 (CSMD1) protein promotes factor I-mediated degradation of C4b and C3b and inhibits the membrane attack complex assembly. <i>FASEB Journal</i> , 2013 , 27, 5083-93	0.9	61
237	Scabies mite inactivated serine protease paralogs inhibit the human complement system. <i>Journal of Immunology</i> , 2009 , 182, 7809-17	5.3	60
236	Inter-alpha-inhibitor is required for the formation of the hyaluronan-containing coat on fibroblasts and mesothelial cells. <i>Journal of Biological Chemistry</i> , 1995 , 270, 9698-701	5.4	59
235	Activation of CD40 in cervical carcinoma cells facilitates CTL responses and augments chemotherapy-induced apoptosis. <i>Journal of Immunology</i> , 2005 , 174, 41-50	5.3	58
234	Non-small cell lung cancer cells produce a functional set of complement factor I and its soluble cofactors. <i>Molecular Immunology</i> , 2008 , 45, 169-79	4.3	57
233	Mature neutrophils suppress T cell immunity in ovarian cancer microenvironment. <i>JCI Insight</i> , 2019 , 4,	9.9	57
232	Factor H uptake regulates intracellular C3 activation during apoptosis and decreases the inflammatory potential of nucleosomes. <i>Cell Death and Differentiation</i> , 2016 , 23, 903-11	12.7	55
231	Serglycin is implicated in the promotion of aggressive phenotype of breast cancer cells. <i>PLoS ONE</i> , 2013 , 8, e78157	3.7	55
230	beta-Microseminoprotein binds CRISP-3 in human seminal plasma. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 333, 555-61	3.4	55
229	Inhibition of coxsackie B virus infection by soluble forms of its receptors: binding affinities, altered particle formation, and competition with cellular receptors. <i>Journal of Virology</i> , 2005 , 79, 12016-24	6.6	55
228	Complement Component C3 Is Highly Expressed in Human Pancreatic Islets and Prevents Cell Death via ATG16L1 Interaction and Autophagy Regulation. <i>Cell Metabolism</i> , 2019 , 29, 202-210.e6	24.6	55

227	Ionic binding of C3 to the human pathogen <i>Moraxella catarrhalis</i> is a unique mechanism for combating innate immunity. <i>Journal of Immunology</i> , 2005 , 175, 3628-36	5.3	54
226	Binding of the complement inhibitor C4b-binding protein to Lyme disease <i>Borreliae</i> . <i>Molecular Immunology</i> , 2010 , 47, 1299-305	4.3	53
225	Immune evasion by acquisition of complement inhibitors: the mould <i>Aspergillus</i> binds both factor H and C4b binding protein. <i>Molecular Immunology</i> , 2008 , 45, 1485-93	4.3	53
224	Interaction with C4b-binding protein contributes to nontypeable <i>Haemophilus influenzae</i> serum resistance. <i>Journal of Immunology</i> , 2007 , 178, 6359-66	5.3	52
223	Annexin-II, DNA, and histones serve as factor H ligands on the surface of apoptotic cells. <i>Journal of Biological Chemistry</i> , 2010 , 285, 3766-3776	5.4	51
222	<i>Bordetella pertussis</i> binds to human C4b-binding protein (C4BP) at a site similar to that used by the natural ligand C4b. <i>European Journal of Immunology</i> , 2001 , 31, 2771-80	6.1	50
221	A novel interaction between type IV pili of <i>Neisseria gonorrhoeae</i> and the human complement regulator C4B-binding protein. <i>Journal of Immunology</i> , 2001 , 166, 6764-70	5.3	50
220	The complement system is activated in synovial fluid from subjects with knee injury and from patients with osteoarthritis. <i>Arthritis Research and Therapy</i> , 2016 , 18, 223	5.7	50
219	Cartilage oligomeric matrix protein contributes to the development and metastasis of breast cancer. <i>Oncogene</i> , 2016 , 35, 5585-5596	9.2	50
218	Effector mechanisms of anti-CD20 monoclonal antibodies in B cell malignancies. <i>Cancer Treatment Reviews</i> , 2013 , 39, 632-9	14.4	49
217	Factor H autoantibodies and deletion of Complement Factor H-Related protein-1 in rheumatic diseases in comparison to atypical hemolytic uremic syndrome. <i>Arthritis Research and Therapy</i> , 2012 , 14, R185	5.7	48
216	Mutations in complement factor I as found in atypical hemolytic uremic syndrome lead to either altered secretion or altered function of factor I. <i>European Journal of Immunology</i> , 2010 , 40, 172-85	6.1	48
215	Structural requirements for the intracellular subunit polymerization of the complement inhibitor C4b-binding protein. <i>Biochemistry</i> , 2002 , 41, 9349-57	3.2	48
214	Novel scabies mite serpins inhibit the three pathways of the human complement system. <i>PLoS ONE</i> , 2012 , 7, e40489	3.7	47
213	UPF2 is a critical regulator of liver development, function and regeneration. <i>PLoS ONE</i> , 2010 , 5, e11650	3.7	47
212	<i>Haemophilus influenzae</i> protein E binds to the extracellular matrix by concurrently interacting with laminin and vitronectin. <i>Journal of Infectious Diseases</i> , 2011 , 204, 1065-74	7	46
211	Binding of <i>Streptococcus pneumoniae</i> endopeptidase O (PepO) to complement component C1q modulates the complement attack and promotes host cell adherence. <i>Journal of Biological Chemistry</i> , 2014 , 289, 15833-44	5.4	45
210	Vitronectin binds to the head region of <i>Moraxella catarrhalis</i> ubiquitous surface protein A2 and confers complement-inhibitory activity. <i>Molecular Microbiology</i> , 2010 , 75, 1426-44	4.1	45

209	The pH-regulated antigen 1 of <i>Candida albicans</i> binds the human complement inhibitor C4b-binding protein and mediates fungal complement evasion. <i>Journal of Biological Chemistry</i> , 2011 , 286, 8021-8029	5.4	45
208	A novel non-synonymous polymorphism (p.Arg240His) in C4b-binding protein is associated with atypical hemolytic uremic syndrome and leads to impaired alternative pathway cofactor activity. <i>Journal of Immunology</i> , 2008 , 180, 6385-91	5.3	45
207	<i>Haemophilus influenzae</i> interacts with the human complement inhibitor factor H. <i>Journal of Immunology</i> , 2008 , 181, 537-45	5.3	45
206	Effects of zinc on factor I cofactor activity of C4b-binding protein and factor H. <i>Archives of Biochemistry and Biophysics</i> , 2003 , 418, 108-18	4.1	45
205	Human C4b-binding protein, structural basis for interaction with streptococcal M protein, a major bacterial virulence factor. <i>Journal of Biological Chemistry</i> , 2006 , 281, 3690-7	5.4	44
204	Structural and energetic characteristics of the heparin-binding site in antithrombotic protein C. <i>Journal of Biological Chemistry</i> , 2001 , 276, 24122-8	5.4	44
203	Structural and functional studies of complement inhibitor C4b-binding protein. <i>Biochemical Society Transactions</i> , 2002 , 30, 978-82	5.1	44
202	Structural characterization of inter-alpha-inhibitor. Evidence for an extended shape. <i>Journal of Biological Chemistry</i> , 1999 , 274, 298-304	5.4	44
201	<i>Haemophilus influenzae</i> acquires vitronectin via the ubiquitous Protein F to subvert host innate immunity. <i>Molecular Microbiology</i> , 2013 , 87, 1245-66	4.1	42
200	<i>Haemophilus influenzae</i> protein E recognizes the C-terminal domain of vitronectin and modulates the membrane attack complex. <i>Molecular Microbiology</i> , 2011 , 81, 80-98	4.1	42
199	Complement inhibitor C4b-binding protein interacts directly with small glycoproteins of the extracellular matrix. <i>Journal of Immunology</i> , 2009 , 182, 1518-25	5.3	41
198	The Kaposi's sarcoma-associated herpesvirus complement control protein (KCP) binds to heparin and cell surfaces via positively charged amino acids in CCP1-2. <i>Molecular Immunology</i> , 2006 , 43, 1665-75	4.3	41
197	Interactions of the complement system with molecules of extracellular matrix: relevance for joint diseases. <i>Immunobiology</i> , 2012 , 217, 1088-96	3.4	40
196	Serglycin inhibits the classical and lectin pathways of complement via its glycosaminoglycan chains: implications for multiple myeloma. <i>European Journal of Immunology</i> , 2011 , 41, 437-49	6.1	40
195	C4b-binding protein in Alzheimer's disease: binding to Abeta1-42 and to dead cells. <i>Molecular Immunology</i> , 2008 , 45, 3649-60	4.3	40
194	Complement regulation in human atherosclerotic coronary lesions. Immunohistochemical evidence that C4b-binding protein negatively regulates the classical complement pathway, and that C5b-9 is formed via the alternative complement pathway. <i>Atherosclerosis</i> , 2007 , 192, 40-8	3.1	40
193	C4bp binding to porin mediates stable serum resistance of <i>Neisseria gonorrhoeae</i> . <i>International Immunopharmacology</i> , 2001 , 1, 423-32	5.8	40
192	Genetic, molecular and functional analyses of complement factor I deficiency. <i>European Journal of Immunology</i> , 2009 , 39, 310-23	6.1	39

191	A computational and experimental study of the regulatory mechanisms of the complement system. <i>PLoS Computational Biology</i> , 2011 , 7, e1001059	5	39
190	Dissecting the regions of virion-associated Kaposi's sarcoma-associated herpesvirus complement control protein required for complement regulation and cell binding. <i>Journal of Virology</i> , 2006 , 80, 4068-78	6.6	39
189	The role of complement inhibitors beyond controlling inflammation. <i>Journal of Internal Medicine</i> , 2017 , 282, 116-128	10.8	36
188	CD46 Activation Regulates miR-150-Mediated Control of GLUT1 Expression and Cytokine Secretion in Human CD4+ T Cells. <i>Journal of Immunology</i> , 2016 , 196, 1636-45	5.3	36
187	Virulence of Group A Streptococci Is Enhanced by Human Complement Inhibitors. <i>PLoS Pathogens</i> , 2015 , 11, e1005043	7.6	36
186	High glomerular permeability of bikunin despite similarity in charge and hydrodynamic size to serum albumin. <i>Kidney International</i> , 1997 , 51, 1053-8	9.9	36
185	The Complement Inhibitor Factor H Generates an Anti-Inflammatory and Tolerogenic State in Monocyte-Derived Dendritic Cells. <i>Journal of Immunology</i> , 2016 , 196, 4274-90	5.3	36
184	The complement inhibitor CD59 regulates insulin secretion by modulating exocytotic events. <i>Cell Metabolism</i> , 2014 , 19, 883-90	24.6	35
183	Zinc supplementation inhibits complement activation in age-related macular degeneration. <i>PLoS ONE</i> , 2014 , 9, e112682	3.7	35
182	Heavy chains of inter alpha inhibitor (II) inhibit the human complement system at early stages of the cascade. <i>Journal of Biological Chemistry</i> , 2012 , 287, 20100-10	5.4	34
181	Defining targets for complement components C4b and C3b on the pathogenic neisseriae. <i>Infection and Immunity</i> , 2008 , 76, 339-50	3.7	34
180	The Kaposi's sarcoma-associated herpesvirus complement control protein mimics human molecular mechanisms for inhibition of the complement system. <i>Journal of Biological Chemistry</i> , 2004 , 279, 45093-101	5.4	34
179	The Functional Effect of Rare Variants in Complement Genes on C3b Degradation in Patients With Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2017 , 135, 39-46	3.9	33
178	C4b-binding protein (C4BP) inhibits development of experimental arthritis in mice. <i>Annals of the Rheumatic Diseases</i> , 2009 , 68, 136-42	2.4	33
177	PRELP protein inhibits the formation of the complement membrane attack complex. <i>Journal of Biological Chemistry</i> , 2012 , 287, 8092-100	5.4	33
176	A novel method for direct measurement of complement convertases activity in human serum. <i>Clinical and Experimental Immunology</i> , 2014 , 178, 142-53	6.2	32
175	Analysis of genes coding for CD46, CD55, and C4b-binding protein in patients with idiopathic, recurrent, spontaneous pregnancy loss. <i>European Journal of Immunology</i> , 2013 , 43, 1617-29	6.1	32
174	Functional recruitment of the human complement inhibitor C4BP to <i>Yersinia pseudotuberculosis</i> outer membrane protein Ail. <i>Journal of Immunology</i> , 2012 , 188, 4450-9	5.3	32

173	Technical and biochemical factors affecting cerebrospinal fluid 5-MTHF, biopterin and neopterin concentrations. <i>Molecular Genetics and Metabolism</i> , 2008 , 95, 127-32	3.7	31
172	Binding of complement inhibitor C4b-binding protein to a highly virulent <i>Streptococcus pyogenes</i> M1 strain is mediated by protein H and enhances adhesion to and invasion of endothelial cells. <i>Journal of Biological Chemistry</i> , 2013 , 288, 32172-32183	5.4	30
171	A subset of patients with systemic lupus erythematosus fails to degrade DNA from multiple clinically relevant sources. <i>Arthritis Research and Therapy</i> , 2015 , 17, 205	5.7	30
170	Scabies mite inactive serine proteases are potent inhibitors of the human complement lectin pathway. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2872	4.8	30
169	Hypoxia increases susceptibility of non-small cell lung cancer cells to complement attack. <i>Cancer Immunology, Immunotherapy</i> , 2009 , 58, 1771-80	7.4	30
168	Positively charged amino acids at the interface between alpha-chain CCP1 and CCP2 of C4BP are required for regulation of the classical C3-convertase. <i>Molecular Immunology</i> , 2000 , 37, 445-53	4.3	30
167	<i>Streptococcus pneumoniae</i> phosphoglycerate kinase is a novel complement inhibitor affecting the membrane attack complex formation. <i>Journal of Biological Chemistry</i> , 2014 , 289, 32499-511	5.4	29
166	Streptococcal M protein: structural studies of the hypervariable region, free and bound to human C4BP. <i>Biochemistry</i> , 2006 , 45, 4559-68	3.2	29
165	Structural stability and heat-induced conformational change of two complement inhibitors: C4b-binding protein and factor H. <i>Protein Science</i> , 2004 , 13, 1356-64	6.3	28
164	Solution structure of the satiety factor, CART, reveals new functionality of a well-known fold. <i>Biochemistry</i> , 2001 , 40, 9082-8	3.2	28
163	Complement C4d-specific antibodies for the diagnosis of lung cancer. <i>Oncotarget</i> , 2018 , 9, 6346-6355	3.3	28
162	NC4 Domain of cartilage-specific collagen IX inhibits complement directly due to attenuation of membrane attack formation and indirectly through binding and enhancing activity of complement inhibitors C4b-binding protein and factor H. <i>Journal of Biological Chemistry</i> , 2011 , 286, 27915-26	5.4	27
161	Effects of complement regulators bound to <i>Escherichia coli</i> K1 and Group B <i>Streptococcus</i> on the interaction with host cells. <i>Immunology</i> , 2008 , 124, 265-76	7.8	27
160	Mutations in alpha-chain of C4BP that selectively affect its factor I cofactor function. <i>Journal of Biological Chemistry</i> , 2003 , 278, 43437-42	5.4	27
159	Novel potential inhibitors of complement system and their roles in complement regulation and beyond. <i>Molecular Immunology</i> , 2018 , 102, 73-83	4.3	26
158	The β isoform of the complement regulator C4b-binding protein induces a semimature, anti-inflammatory state in dendritic cells. <i>Journal of Immunology</i> , 2013 , 190, 2857-72	5.3	26
157	Native, amyloid fibrils and beta-oligomers of the C-terminal domain of human prion protein display differential activation of complement and bind C1q, factor H and C4b-binding protein directly. <i>Molecular Immunology</i> , 2008 , 45, 3213-21	4.3	26
156	A fine-tuned interaction between trimeric autotransporter haemophilus surface fibrils and vitronectin leads to serum resistance and adherence to respiratory epithelial cells. <i>Infection and Immunity</i> , 2014 , 82, 2378-89	3.7	25

155	A recombinant vaccine effectively induces c5a-specific neutralizing antibodies and prevents arthritis. <i>PLoS ONE</i> , 2010 , 5, e13511	3.7	25
154	Interactions of histidine-rich glycoprotein with immunoglobulins and proteins of the complement system. <i>Molecular Immunology</i> , 2009 , 46, 3388-98	4.3	25
153	The binding of protein S and the protein S-C4BP complex to neutrophils is apoptosis dependent. <i>Blood Coagulation and Fibrinolysis</i> , 2003 , 14, 355-9	1	25
152	Functions of human complement inhibitor C4b-binding protein in relation to its structure. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2004 , 52, 83-95	4	25
151	Local expression of complement factor I in breast cancer cells correlates with poor survival and recurrence. <i>Cancer Immunology, Immunotherapy</i> , 2015 , 64, 467-78	7.4	24
150	A Metalloproteinase Mirolysin of <i>Tannerella forsythia</i> Inhibits All Pathways of the Complement System. <i>Journal of Immunology</i> , 2015 , 195, 2231-40	5.3	24
149	Plasma C4d as marker for lupus nephritis in systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2017 , 19, 266	5.7	24
148	Sushi domain-containing protein 4 (SUSD4) inhibits complement by disrupting the formation of the classical C3 convertase. <i>FASEB Journal</i> , 2013 , 27, 2355-66	0.9	24
147	Truncated and full-length thioredoxin-1 have opposing activating and inhibitory properties for human complement with relevance to endothelial surfaces. <i>Journal of Immunology</i> , 2012 , 188, 4103-12	5.3	24
146	Serum COMP-C3b complexes in rheumatic diseases and relation to anti-TNF- α treatment. <i>Arthritis Research and Therapy</i> , 2012 , 14, R15	5.7	23
145	Mutations in genes encoding complement inhibitors CD46 and CFH affect the age at nephritis onset in patients with systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2011 , 13, R206	5.7	23
144	Cellular uptake of C4b-binding protein is mediated by heparan sulfate proteoglycans and CD91/LDL receptor-related protein. <i>European Journal of Immunology</i> , 2008 , 38, 809-17	6.1	23
143	Heptose I glycan substitutions on <i>Neisseria gonorrhoeae</i> lipooligosaccharide influence C4b-binding protein binding and serum resistance. <i>Infection and Immunity</i> , 2007 , 75, 4071-81	3.7	23
142	Fine Mapping of the Interaction between C4b-Binding Protein and Outer Membrane Proteins LigA and LigB of Pathogenic <i>Leptospira interrogans</i> . <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0004192	4.8	23
141	Complement inhibitor CSMD1 acts as tumor suppressor in human breast cancer. <i>Oncotarget</i> , 2016 , 7, 76920-76933	3.3	23
140	Cartilage oligomeric matrix protein promotes prostate cancer progression by enhancing invasion and disrupting intracellular calcium homeostasis. <i>Oncotarget</i> , 2017 , 8, 98298-98311	3.3	23
139	Analysis of complement biomarkers in systemic sclerosis indicates a distinct pattern in scleroderma renal crisis. <i>Arthritis Research and Therapy</i> , 2016 , 18, 267	5.7	22
138	Identification of a catalytic exosite for complement component C4 on the serine protease domain of C1s. <i>Journal of Immunology</i> , 2012 , 189, 2365-73	5.3	22

137	The C-type lectin of the aggrecan G3 domain activates complement. <i>PLoS ONE</i> , 2013 , 8, e61407	3.7	22
136	Complement inhibitor C4b-binding protein in primary Sjögren's syndrome and its association with other disease markers. <i>Scandinavian Journal of Immunology</i> , 2009 , 69, 374-80	3.4	22
135	Immune evasion of <i>Moraxella catarrhalis</i> involves ubiquitous surface protein A-dependent C3d binding. <i>Journal of Immunology</i> , 2011 , 186, 3120-9	5.3	22
134	Functional recruitment of human complement inhibitor C4B-binding protein to outer membrane protein Rck of <i>Salmonella</i> . <i>PLoS ONE</i> , 2011 , 6, e27546	3.7	22
133	Antibodies reactive to cleaved sites in complement proteins enable highly specific measurement of soluble markers of complement activation. <i>Molecular Immunology</i> , 2015 , 66, 164-70	4.3	21
132	Testing the Activity of Complement Convertases in Serum/Plasma for Diagnosis of C4NeF-Mediated C3 Glomerulonephritis. <i>Journal of Clinical Immunology</i> , 2016 , 36, 517-27	5.7	21
131	Carbamylation of immunoglobulin abrogates activation of the classical complement pathway. <i>European Journal of Immunology</i> , 2014 , 44, 3403-12	6.1	21
130	Multiple domains of MASP-2, an initiating complement protease, are required for interaction with its substrate C4. <i>Molecular Immunology</i> , 2012 , 49, 593-600	4.3	21
129	Characterization of the complement inhibitory function of rhesus rhadinovirus complement control protein (RCP). <i>Journal of Biological Chemistry</i> , 2009 , 284, 505-514	5.4	21
128	Islet amyloid polypeptide triggers limited complement activation and binds complement inhibitor C4b-binding protein, which enhances fibril formation. <i>Journal of Biological Chemistry</i> , 2012 , 287, 10824-33	5.4	21
127	Structural prediction and analysis of endothelial cell protein C/activated protein C receptor. <i>Protein Engineering, Design and Selection</i> , 1999 , 12, 833-40	1.9	21
126	Functional analyses of complement convertases using C3 and C5-depleted sera. <i>PLoS ONE</i> , 2012 , 7, e47245	3.7	21
125	Factor H Autoantibodies in Patients with Antiphospholipid Syndrome and Thrombosis. <i>Journal of Rheumatology</i> , 2015 , 42, 1786-93	4.1	20
124	Analysis of binding sites on complement factor I that are required for its activity. <i>Journal of Biological Chemistry</i> , 2010 , 285, 6235-45	5.4	20
123	Species-specificity of <i>Neisseria gonorrhoeae</i> infection: do human complement regulators contribute?. <i>Vaccine</i> , 2008 , 26 Suppl 8, 162-6	4.1	20
122	Functional characterization of two novel non-synonymous alterations in CD46 and a Q950H change in factor H found in atypical hemolytic uremic syndrome patients. <i>Molecular Immunology</i> , 2015 , 65, 367-76	4.3	19
121	Killing of CLL and NHL cells by rituximab and ofatumumab under limited availability of complement. <i>Medical Oncology</i> , 2013 , 30, 759	3.7	19
120	<i>Yersinia pestis</i> Ail recruitment of C4b-binding protein leads to factor I-mediated inactivation of covalently and noncovalently bound C4b. <i>European Journal of Immunology</i> , 2014 , 44, 742-51	6.1	19

119	An alternative role of C1q in bacterial infections: facilitating <i>Streptococcus pneumoniae</i> adherence and invasion of host cells. <i>Journal of Immunology</i> , 2013 , 191, 4235-45	5.3	19
118	Backcross and partial advanced intercross analysis of nonobese diabetic gene-mediated effects on collagen-induced arthritis reveals an interactive effect by two major loci. <i>Journal of Immunology</i> , 2006 , 177, 3952-9	5.3	19
117	Factor H-IgG Chimeric Proteins as a Therapeutic Approach against the Gram-Positive Bacterial Pathogen. <i>Journal of Immunology</i> , 2017 , 199, 3828-3839	5.3	18
116	A Novel Interaction between Complement Inhibitor C4b-binding Protein and Plasminogen That Enhances Plasminogen Activation. <i>Journal of Biological Chemistry</i> , 2015 , 290, 18333-42	5.4	18
115	Acquisition of complement inhibitor serine protease factor I and its cofactors C4b-binding protein and factor H by <i>Prevotella intermedia</i> . <i>PLoS ONE</i> , 2012 , 7, e34852	3.7	18
114	Localization of a hydrophobic binding site for anticoagulant protein S on the beta -chain of complement regulator C4b-binding protein. <i>Journal of Biological Chemistry</i> , 2001 , 276, 4330-7	5.4	18
113	Complement C3 Associates With Incidence of Diabetes, but No Evidence of a Causal Relationship. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 4477-4485	5.6	17
112	The C4b-binding protein-protein S interaction is hydrophobic in nature. <i>BBA - Proteins and Proteomics</i> , 1998 , 1388, 181-9		16
111	Molecular characterization of the interaction between porins of <i>Neisseria gonorrhoeae</i> and C4b-binding protein. <i>Journal of Immunology</i> , 2007 , 179, 540-7	5.3	16
110	Molecular characterization of the rhesus rhadinovirus (RRV) ORF4 gene and the RRV complement control protein it encodes. <i>Journal of Virology</i> , 2007 , 81, 4166-76	6.6	16
109	Kaposi's sarcoma-associated herpes virus complement control protein: KCP--complement inhibition and more. <i>Molecular Immunology</i> , 2007 , 44, 11-22	4.3	16
108	The complement regulator C4b-binding protein analyzed by molecular modeling, bioinformatics and computer-aided experimental design. <i>Immunopharmacology</i> , 1999 , 42, 121-34		16
107	Cartilage Oligomeric Matrix Protein initiates cancer stem cells through activation of Jagged1-Notch3 signaling. <i>Matrix Biology</i> , 2019 , 81, 107-121	11.4	16
106	The Noncoding RNA nc886 Regulates PKR Signaling and Cytokine Production in Human Cells. <i>Journal of Immunology</i> , 2019 , 202, 131-141	5.3	16
105	The Outcome of Critically Ill COVID-19 Patients Is Linked to Thromboinflammation Dominated by the Kallikrein/Kinin System. <i>Frontiers in Immunology</i> , 2021 , 12, 627579	8.4	16
104	Human IgG Increases Virulence of through Complement Evasion. <i>Journal of Immunology</i> , 2018 , 200, 3495-3505	5.3	15
103	Alpha1-microglobulin and bikunin in rats with collagen II-induced arthritis: plasma levels and liver mRNA content. <i>Scandinavian Journal of Immunology</i> , 1997 , 46, 122-8	3.4	15
102	C4b-binding protein is present in affected areas of myocardial infarction during the acute inflammatory phase and covers a larger area than C3. <i>PLoS ONE</i> , 2008 , 3, e2886	3.7	15

101	Decreased Neutrophil Extracellular Trap Degradation in Shiga Toxin-Associated Haemolytic Uraemic Syndrome. <i>Journal of Innate Immunity</i> , 2017 , 9, 12-21	6.9	14
100	Non-traditional roles of complement in type 2 diabetes: Metabolism, insulin secretion and homeostasis. <i>Molecular Immunology</i> , 2017 , 84, 34-42	4.3	14
99	Dominant suppression of inflammation by glycan-hydrolyzed IgG. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 10252-7	11.5	14
98	Molecular characterization of two novel cases of complete complement inhibitor Factor I deficiency. <i>Molecular Immunology</i> , 2011 , 48, 1068-72	4.3	14
97	Strategies developed by bacteria and virus for protection from the human complement system. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2004 , 64, 479-96	2	14
96	Intracellular cytosolic complement component C3 regulates cytoprotective autophagy in pancreatic beta cells by interaction with ATG16L1. <i>Autophagy</i> , 2019 , 15, 919-921	10.2	13
95	FACIN, a Double-Edged Sword of the Emerging Periodontal Pathogen <i>Filifactor alocis</i> : A Metabolic Enzyme Moonlighting as a Complement Inhibitor. <i>Journal of Immunology</i> , 2016 , 197, 3245-3259	5.3	13
94	Overactivity of Alternative Pathway Convertases in Patients With Complement-Mediated Renal Diseases. <i>Frontiers in Immunology</i> , 2018 , 9, 612	8.4	13
93	Cartilage oligomeric matrix protein-induced complement activation in systemic sclerosis. <i>Arthritis Research and Therapy</i> , 2013 , 15, R215	5.7	13
92	Discovery and Structural Modification of 1-Phenyl-3-(1-phenylethyl)urea Derivatives as Inhibitors of Complement. <i>ACS Medicinal Chemistry Letters</i> , 2012 , 3, 317-21	4.3	13
91	Intracellular coupling of bikunin and the heavy chain of rat pre-alpha-inhibitor in COS-1 cells. <i>Biochemical Journal</i> , 1997 , 328 (Pt 1), 185-91	3.8	13
90	Contribution of interactions between complement inhibitor C4b-binding protein and pathogens to their ability to establish infection with particular emphasis on <i>Neisseria gonorrhoeae</i> . <i>Vaccine</i> , 2008 , 26 Suppl 8, I49-55	4.1	13
89	Regulation of complement classical pathway by association of C4b-binding protein to the surfaces of SK-OV-3 and Caov-3 ovarian adenocarcinoma cells. <i>Journal of Immunology</i> , 2001 , 167, 935-9	5.3	12
88	Interaction of Serum-Derived and Internalized C3 With DNA in Human B Cells-A Potential Involvement in Regulation of Gene Transcription. <i>Frontiers in Immunology</i> , 2019 , 10, 493	8.4	11
87	Effect of rare coding variants in the CFI gene on Factor I expression levels. <i>Human Molecular Genetics</i> , 2020 , 29, 2313-2324	5.6	11
86	Quantitative Mass Spectrometry To Study Inflammatory Cartilage Degradation and Resulting Interactions with the Complement System. <i>Journal of Immunology</i> , 2016 , 197, 3415-3424	5.3	11
85	Complement activation and plasma levels of C4b-binding protein in critical limb ischemia patients. <i>Journal of Vascular Surgery</i> , 2009 , 50, 100-6	3.5	11
84	Phenylalanine derivatives as catalysts in the enantioselective addition of diethylzinc to benzaldehydes. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 2369-2380		11

83	Screening the molecular surface of human anticoagulant protein C: a search for interaction sites. <i>Journal of Computer-Aided Molecular Design</i> , 2001 , 15, 13-27	4.2	11
82	Purification and functional characterization of C4b-binding protein (C4BP). <i>Methods in Molecular Biology</i> , 2014 , 1100, 169-76	1.4	11
81	Moonlighting of <i>Helicobacter pylori</i> catalase protects against complement-mediated killing by utilising the host molecule vitronectin. <i>Scientific Reports</i> , 2016 , 6, 24391	4.9	11
80	Functional analyses of rare genetic variants in complement component C9 identified in patients with age-related macular degeneration. <i>Human Molecular Genetics</i> , 2018 , 27, 2678-2688	5.6	11
79	The human serum protein C4b-binding protein inhibits pancreatic IAPP-induced inflammasome activation. <i>Diabetologia</i> , 2017 , 60, 1522-1533	10.3	10
78	<i>Moraxella catarrhalis</i> Evades Host Innate Immunity via Targeting Cartilage Oligomeric Matrix Protein. <i>Journal of Immunology</i> , 2016 , 196, 1249-58	5.3	10
77	A pilot case control follow-up study on hearing in children treated with tobramycin in the newborn period. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2002 , 65, 225-32	1.7	10
76	C4BP-IgM protein as a therapeutic approach to treat <i>Neisseria gonorrhoeae</i> infections. <i>JCI Insight</i> , 2019 , 4,	9.9	10
75	Streptococcal Endo- β -Acetylglucosaminidase Suppresses Antibody-Mediated Inflammation. <i>Frontiers in Immunology</i> , 2018 , 9, 1623	8.4	9
74	Analysis of C3 Gene Variants in Patients With Idiopathic Recurrent Spontaneous Pregnancy Loss. <i>Frontiers in Immunology</i> , 2018 , 9, 1813	8.4	9
73	The human complement inhibitor Sushi Domain-Containing Protein 4 (SUSD4) expression in tumor cells and infiltrating T cells is associated with better prognosis of breast cancer patients. <i>BMC Cancer</i> , 2015 , 15, 737	4.8	9
72	High Levels of Cartilage Oligomeric Matrix Protein in the Serum of Breast Cancer Patients Can Serve as an Independent Prognostic Marker. <i>Frontiers in Oncology</i> , 2019 , 9, 1141	5.3	9
71	The Structural Basis for Complement Inhibition by Gigastasin, a Protease Inhibitor from the Giant Amazon Leech. <i>Journal of Immunology</i> , 2017 , 199, 3883-3891	5.3	8
70	A Potential Role for β -Amylase in Amyloid- β -Induced Astrocytic Glycogenolysis and Activation. <i>Journal of Alzheimer's Disease</i> , 2019 , 68, 205-217	4.3	8
69	New perspectives on complement mediated immunotherapy. <i>Cancer Treatment Reviews</i> , 2016 , 45, 68-75	14.4	8
68	Roles of Complement C1q in Pneumococcus-Host Interactions. <i>Critical Reviews in Immunology</i> , 2015 , 35, 173-84	1.8	8
67	Analysis of binding sites on complement factor I using artificial N-linked glycosylation. <i>Journal of Biological Chemistry</i> , 2012 , 287, 13572-83	5.4	8
66	PRELP Enhances Host Innate Immunity against the Respiratory Tract Pathogen. <i>Journal of Immunology</i> , 2017 , 198, 2330-2340	5.3	7

65	The Molecular Basis of Human IgG-Mediated Enhancement of C4b-Binding Protein Recruitment to Group A Streptococcus. <i>Frontiers in Immunology</i> , 2019 , 10, 1230	8.4	7
64	Haemophilus influenzae Type f Hijacks Vitronectin Using Protein H To Resist Host Innate Immunity and Adhere to Pulmonary Epithelial Cells. <i>Journal of Immunology</i> , 2015 , 195, 5688-95	5.3	7
63	Separation of decay-accelerating and cofactor functional activities of Kaposi's sarcoma-associated herpesvirus complement control protein using monoclonal antibodies. <i>Immunology</i> , 2008 , 123, 228-38	7.8	7
62	The complement regulator C4b-binding protein (C4BP) interacts with both the C4c and C4dg subfragments of the parent C4b ligand: evidence for synergy in C4BP subsite binding. <i>Biochemistry</i> , 2006 , 45, 8378-92	3.2	7
61	Plasma C4d Correlates With C4d Deposition in Kidneys and With Treatment Response in Lupus Nephritis Patients. <i>Frontiers in Immunology</i> , 2020 , 11, 582737	8.4	7
60	C4b-binding Protein Protects β Cells from Islet Amyloid Polypeptide-induced Cytotoxicity. <i>Journal of Biological Chemistry</i> , 2016 , 291, 21644-21655	5.4	7
59	Complement inhibitor factor H expressed by breast cancer cells differentiates CD14 human monocytes into immunosuppressive macrophages. <i>Oncotarget</i> , 2020 , 9, 1731135	7.2	7
58	Short Leucine-Rich Proteoglycans Modulate Complement Activity and Increase Killing of the Respiratory Pathogen. <i>Journal of Immunology</i> , 2018 , 201, 2721-2730	5.3	7
57	Host tropism determination by convergent evolution of immunological evasion in the Lyme disease system. <i>PLoS Pathogens</i> , 2021 , 17, e1009801	7.6	7
56	Distinct inflammatory mediator patterns characterize infectious and sterile systemic inflammation in febrile neutropenic hematology patients. <i>PLoS ONE</i> , 2014 , 9, e92319	3.7	6
55	Antibodies against Kaposi sarcoma-associated herpes virus (KSHV) complement control protein (KCP) in infected individuals. <i>Vaccine</i> , 2007 , 25, 8102-9	4.1	6
54	Viral heparin-binding complement inhibitors--a recurring theme. <i>Advances in Experimental Medicine and Biology</i> , 2007 , 598, 105-25	3.6	6
53	Mutations resulting in the formation of hyperactive complement convertases support cytotoxic effect of anti-CD20 immunotherapeutics. <i>Cancer Immunology, Immunotherapy</i> , 2019 , 68, 587-598	7.4	5
52	Measuring plasma C4D to monitor immune complexes in lupus nephritis. <i>Lupus Science and Medicine</i> , 2019 , 6, e000326	4.6	5
51	Prevalence of antibodies against Kaposi's sarcoma associated herpes virus (KSHV) complement inhibitory protein (KCP) in KSHV-related diseases and their correlation with clinical parameters. <i>Vaccine</i> , 2011 , 29, 1129-34	4.1	5
50	Structural basis and functional effects of the interaction between complement inhibitor C4b-binding protein and DNA. <i>Molecular Immunology</i> , 2008 , 46, 62-9	4.3	5
49	Role of CCP2 of the C4b-binding protein beta-chain in protein S binding evaluated by mutagenesis and monoclonal antibodies. <i>FEBS Journal</i> , 2003 , 270, 93-100		5
48	Plasma bikunin: half-life and tissue uptake. <i>Molecular and Cellular Biochemistry</i> , 2005 , 271, 61-7	4.2	5

47	CUB and Sushi Multiple Domains 1 (CSMD1) opposes the complement cascade in neural tissues		5
46	Complement inhibitor CD55 governs the integrity of membrane rafts in pancreatic beta cells, but plays no role in insulin secretion. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 460, 518-244	3.4	4
45	Outside in: Roles of complement in autophagy. <i>British Journal of Pharmacology</i> , 2021 , 178, 2786-2801	8.6	4
44	Gain-of-function mutation in complement C2 protein identified in a patient with aHUS. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 916-919.e11	11.5	4
43	Apolipoprotein E Triggers Complement Activation in Joint Synovial Fluid of Rheumatoid Arthritis Patients by Binding C1q. <i>Journal of Immunology</i> , 2020 , 204, 2779-2790	5.3	4
42	Haemophilus influenzae stores and distributes hemin by using protein E. <i>International Journal of Medical Microbiology</i> , 2014 , 304, 662-8	3.7	4
41	The role of higher-order protein structure in supporting binding by heteroclitic monoclonal antibodies: the monoclonal antibody KIM185 to CD18 also binds C4-binding protein. <i>Molecular Immunology</i> , 2011 , 49, 38-47	4.3	4
40	A soft tick Ornithodoros moubata salivary protein OmCI is a potent inhibitor to prevent avian complement activation. <i>Ticks and Tick-borne Diseases</i> , 2020 , 11, 101354	3.6	4
39	Complement in metabolic disease: metaflammation and a two-edged sword. <i>Seminars in Immunopathology</i> , 2021 , 43, 829-841	12	4
38	StealthRcorporate innovation: an emerging threat for therapeutic drug development. <i>Nature Immunology</i> , 2019 , 20, 1409-1413	19.1	3
37	A cryptic non-GPI-anchored cytosolic isoform of CD59 controls insulin exocytosis in pancreatic βcells by interaction with SNARE proteins. <i>FASEB Journal</i> , 2019 , 33, 12425-12434	0.9	3
36	Activation of Complement by Pigment Epithelium-Derived Factor in Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2017 , 199, 1113-1121	5.3	3
35	Calcein release assay as a method for monitoring serum complement activity during monoclonal antibody therapy in patients with B-cell malignancies. <i>Journal of Immunological Methods</i> , 2020 , 476, 112675	2.5	3
34	A cluster of positively charged amino acids in the alpha-chain of C4b-binding protein (C4BP) is pivotal for the regulation of the complement system and the interaction with bacteria. <i>Scandinavian Journal of Clinical and Laboratory Investigation, Supplement</i> , 2000 , 233, 37-49		3
33	Arterial Blood Pressure Induces Transient C4b-Binding Protein in Human Saphenous Vein Grafts. <i>Annals of Vascular Surgery</i> , 2017 , 41, 259-264	1.7	2
32	Retraction for Nandakumar et al., Dominant suppression of inflammation by glycan-hydrolyzed IgG. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 15851	11.5	2
31	COMP-C3b complexes in rheumatoid arthritis with severe extraarticular manifestations. <i>Journal of Rheumatology</i> , 2013 , 40, 2001-5	4.1	2
30	Monitoring of the Complement System Status in Patients With B-Cell Malignancies Treated With Rituximab. <i>Frontiers in Immunology</i> , 2020 , 11, 584509	8.4	2

29	Complement Component 3 Is Required for Tissue Damage, Neutrophil Infiltration, and Ensuring NET Formation in Acute Pancreatitis. <i>European Surgical Research</i> , 2020 , 61, 163-176	1.1	2
28	Noncanonical immunomodulatory activity of complement regulator C4BP(β) limits the development of lupus nephritis. <i>Kidney International</i> , 2020 , 97, 551-566	9.9	2
27	C4b-Binding Protein Deposition is Induced in Diseased Aortic Heart Valves, Coinciding with C3d. <i>Journal of Heart Valve Disease</i> , 2015 , 24, 451-6		2
26	Indications of underdiagnosis of atypical haemolytic uraemic syndrome in a cohort referred to the Coagulation Unit in Malmo, Sweden, for analysis of ADAMTS13 2007-2012. <i>Nephrology</i> , 2017 , 22, 555-561 ²	1.2	1
25	C4b-Binding Protein 2018 , 251-259		1
24	Increase of bikunin and alpha1-microglobulin concentrations in urine of rats during pregnancy is due to decreased tubular reabsorption. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1997 , 1361, 198-202	6.9	1
23	Binding of Zn(2+) to the plasma protein inter-alpha-inhibitor. <i>Clinica Chimica Acta</i> , 1999 , 288, 37-46	6.2	1
22	Severe Congenital Thrombocytopenia Characterized by Decreased Platelet Sialylation and Moderate Complement Activation Caused by Novel Compound Heterozygous Variants in. <i>Frontiers in Immunology</i> , 2021 , 12, 777402	8.4	1
21	Purification and functional characterization of factor I. <i>Methods in Molecular Biology</i> , 2014 , 1100, 177-88	1.4	1
20	Antibacterial Fusion Proteins Enhance Killing. <i>Frontiers in Immunology</i> , 2020 , 11, 2122	8.4	1
19	Novel structure of the N-terminal helical domain of BibA, a group B streptococcus immunogenic bacterial adhesin. <i>Acta Crystallographica Section D: Structural Biology</i> , 2020 , 76, 759-770	5.5	1
18	Complimentary action: C1q increases ganglion cell survival in an in vitro model of retinal degeneration. <i>Journal of Neuroimmunology</i> , 2016 , 298, 117-29	3.5	1
17	Clinical characterization and identification of rare genetic variants in atypical hemolytic uremic syndrome: A Swedish retrospective observational study. <i>Therapeutic Apheresis and Dialysis</i> , 2021 , 25, 988-1000	1.9	1
16	Genetic predisposition to infection in a case of atypical hemolytic uremic syndrome. <i>Journal of Human Genetics</i> , 2018 , 63, 93-96	4.3	1
15	Factor I 2018 , 147-154		1
14	Nontypeable P5 Binds Human C4b-Binding Protein, Promoting Serum Resistance. <i>Journal of Immunology</i> , 2021 , 207, 1566-1577	5.3	1
13	Complement inhibitor CSMD1 modulates epidermal growth factor receptor oncogenic signaling and sensitizes breast cancer cells to chemotherapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 258	12.8	1
12	Serum Complement Activation by C4BP-IgM Fusion Protein Can Restore Susceptibility to Antibiotics in. <i>Frontiers in Immunology</i> , 2021 , 12, 726801	8.4	1

11	Cellular and immunological mechanisms influence host-adapted phenotypes in a vector-borne microparasite.. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022 , 289, 20212087	4.4	1
10	Clinical Isolates of spp. Are Highly Serum Resistant Despite Efficient Recognition by the Complement System.. <i>Frontiers in Immunology</i> , 2022 , 13, 814193	8.4	0
9	Functional Analysis of Variants in Complement Factor I Identified in Age-Related Macular Degeneration and Atypical Hemolytic Uremic Syndrome.. <i>Frontiers in Immunology</i> , 2021 , 12, 789897	8.4	0
8	Complement Factor H-Related Proteins FHR1 and FHR5 Interact With Extracellular Matrix Ligands, Reduce Factor H Regulatory Activity and Enhance Complement Activation.. <i>Frontiers in Immunology</i> , 2022 , 13, 845953	8.4	0
7	The Hidden Side of Complement Regulator C4BP: Dissection and Evaluation of Its Immunomodulatory Activity.. <i>Frontiers in Immunology</i> , 2022 , 13, 883743	8.4	0
6	Alternative translation and retrotranslocation of cytosolic C3 that detects cytoinvasive bacteria.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 291	10.3	0
5	Interaction of with extracellular matrix components resulting in immunomodulation and bacterial eradication. <i>Matrix Biology Plus</i> , 2020 , 6-7, 100020	5.1	
4	Anguish over angiopathy: hemolytic uremic syndrome. <i>Clinical Immunology</i> , 2007 , 122, 135-8	9	
3	Complement Protease C2 2007 , 1-8		
2	Complement Factor I 2007 , 1-7		
1	Biomarkers of complement and platelet activation are not correlated with the one or twenty-four hours corrected count increments in prophylactically platelet transfused hematological patients: a prospective cohort study. <i>Platelets</i> , 2021 , 1-10	3.6	