Nicole M Thielens

List of Publications by Year
in descending order

167 papers	6,456 citations	44069 48 h-index	79698 73 g-index
182 all docs	182 docs citations	182 times ranked	6226 citing authors

#	Article	IF	Citations
1	Structure and activation of the C1 complex of complement: unraveling the puzzle. Trends in Immunology, 2004, 25, 368-373.	6.8	223
2	C1q: A fresh look upon an old molecule. Molecular Immunology, 2017, 89, 73-83.	2.2	188
3	Synergy between Ficolin-2 and Pentraxin 3 Boosts Innate Immune Recognition and Complement Deposition. Journal of Biological Chemistry, 2009, 284, 28263-28275.	3.4	184
4	Structural insights into the innate immune recognition specificities of L- and H-ficolins. EMBO Journal, 2007, 26, 623-633.	7.8	170
5	Nanobodies Targeting Mouse/Human VCAM1 for the Nuclear Imaging of Atherosclerotic Lesions. Circulation Research, 2012, 110, 927-937.	4.5	167
6	Structural insights into the Slit-Robo complex. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14923-14928.	7.1	159
7	Substrate Specificities of Recombinant Mannan-binding Lectin-associated Serine Proteases-1 and -2. Journal of Biological Chemistry, 2001, 276, 40880-40887.	3.4	154
8	Levels of mannan-binding lectin-associated serine protease-2 in healthy individuals. Journal of Immunological Methods, 2003, 282, 159-167.	1.4	141
9	C1q restrains autoimmunity and viral infection by regulating CD8 ⁺ T cell metabolism. Science, 2018, 360, 558-563.	12.6	133
10	DC/L-SIGN recognition of spike glycoprotein promotes SARS-CoV-2 trans-infection and can be inhibited by a glycomimetic antagonist. PLoS Pathogens, 2021, 17, e1009576.	4.7	133
11	The Two Major Oligomeric Forms of Human Mannan-Binding Lectin: Chemical Characterization, Carbohydrate-Binding Properties, and Interaction with MBL-Associated Serine Proteases. Journal of Immunology, 2005, 174, 2870-2877.	0.8	128
12	Interaction Properties of Human Mannan-Binding Lectin (MBL)-Associated Serine Proteases-1 and -2, MBL-Associated Protein 19, and MBL. Journal of Immunology, 2001, 166, 5068-5077.	0.8	124
13	Heteromeric Complexes of Native Collectin Kidney 1 and Collectin Liver 1 Are Found in the Circulation with MASPs and Activate the Complement System. Journal of Immunology, 2013, 191, 6117-6127.	0.8	113
14	Carbohydrate Recognition Properties of Human Ficolins. Journal of Biological Chemistry, 2010, 285, 6612-6622.	3.4	106
15	Studies on the interactions between C-reactive protein and complement proteins. Immunology, 2007, 121, 40-50.	4.4	104
16	The crystal structure of the zymogen catalytic domain of complement protease C1r reveals that a disruptive mechanical stress is required to trigger activation of the C1 complex. EMBO Journal, 2002, 21, 231-239.	7.8	101
17	Interaction of C1q and Mannan-Binding Lectin with Viruses. Immunobiology, 2002, 205, 563-574.	1.9	100
18	Periodontal Ehlers-Danlos Syndrome Is Caused by Mutations in C1R and C1S , which Encode Subcomponents C1r and C1s of Complement. American Journal of Human Genetics, 2016, 99, 1005-1014.	6.2	100

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19	Structural Bases for the Affinity-Driven Selection of a Public TCR against a Dominant Human Cytomegalovirus Epitope. Journal of Immunology, 2009, 183, 430-437.	0.8	93
20	Identification of the C1q-binding Sites of Human C1r and C1s. Journal of Biological Chemistry, 2009, 284, 19340-19348.	3.4	84
21	X-ray Structure of the Ca2+-binding Interaction Domain of C1s. Journal of Biological Chemistry, 2003, 278, 32157-32164.	3.4	82
22	Characterization of Recombinant Mannan-Binding Lectin-Associated Serine Protease (MASP)-3 Suggests an Activation Mechanism Different from That of MASP-1 and MASP-2. Journal of Immunology, 2004, 172, 4342-4350.	0.8	79
23	Structural biology of the C1 complex of complement unveils the mechanisms of its activation and proteolytic activity. Molecular Immunology, 2002, 39, 383-394.	2.2	78
24	Residue Lys57 in the Collagen-Like Region of Human L-Ficolin and Its Counterpart Lys47 in H-Ficolin Play a Key Role in the Interaction with the Mannan-Binding Lectin-Associated Serine Proteases and the Collectin Receptor Calreticulin. Journal of Immunology, 2009, 182, 456-465.	0.8	77
25	Crystal Structure of the CUB1-EGF-CUB2 Domain of Human MASP-1/3 and Identification of Its Interaction Sites with Mannan-binding Lectin and Ficolins. Journal of Biological Chemistry, 2008, 283, 25715-25724.	3.4	75
26	Baculovirus-mediated Expression of Truncated Modular Fragments from the Catalytic Region of Human Complement Serine Protease C1s. Journal of Biological Chemistry, 1998, 273, 1232-1239.	3.4	73
27	Characterization of the Interaction Between L-Ficolin/P35 and Mannan-Binding Lectin-Associated Serine Proteases-1 and -2. Journal of Immunology, 2002, 169, 5735-5743.	0.8	72
28	Molecular organization of human Ficolin-2. Molecular Immunology, 2007, 44, 401-411.	2.2	72
29	M-Ficolin Interacts with the Long Pentraxin PTX3: A Novel Case of Cross-Talk between Soluble Pattern-Recognition Molecules. Journal of Immunology, 2011, 186, 5815-5822.	0.8	72
30	The Human C1q Globular Domain: Structure and Recognition of Non-Immune Self Ligands. Frontiers in Immunology, 2011, 2, 92.	4.8	72
31	Structural biology of C1: dissection of a complex molecular machinery. Immunological Reviews, 2001, 180, 136-145.	6.0	69
32	Procollagen C-proteinase enhancer grasps the stalk of the C-propeptide trimer to boost collagen precursor maturation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6394-6399.	7.1	66
33	The X-ray Structure of Human Mannan-binding Lectin-associated Protein 19 (MAp19) and Its Interaction Site with Mannan-binding Lectin and L-ficolin. Journal of Biological Chemistry, 2004, 279, 29391-29397.	3.4	65
34	Elucidation of the substrate specificity of the MASP-2 protease of the lectin complement pathway and identification of the enzyme as a major physiological target of the serpin, C1-inhibitor. Molecular Immunology, 2008, 45, 670-677.	2.2	64
35	The N-terminal CUB-Epidermal Growth Factor Module Pair of Human Complement Protease C1r Binds Ca2+ with High Affinity and Mediates Ca2+-dependent Interaction with C1s. Journal of Biological Chemistry, 1999, 274, 9149-9159.	3.4	62
36	Monomeric Structures of the Zymogen and Active Catalytic Domain of Complement Protease C1r. Structure, 2002, 10, 1509-1519.	3.3	59

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37	Structural Basis for Innate Immune Sensing by M-ficolin and Its Control by a pH-dependent Conformational Switch. Journal of Biological Chemistry, 2007, 282, 35814-35820.	3.4	59
38	Modified low density lipoproteins differentially bind and activate the C1 complex of complement. Molecular Immunology, 2007, 44, 1169-1177.	2.2	57
39	Deciphering the Fine Details of C1 Assembly and Activation Mechanisms: Ã¢â‚¬Å“Mission ImpossibleÃ¢â‚¬Â?. Frontiers in Immunology, 2014, 5, 565.	4.8	57
40	Characterization of the interaction between collectin 11 (CL-11, CL-K1) and nucleic acids. Molecular Immunology, 2013, 56, 757-767.	2.2	56
41	Identification of the Site of Human Mannan-Binding Lectin Involved in the Interaction with Its Partner Serine Proteases: The Essential Role of Lys55. Journal of Immunology, 2007, 178, 5710-5716.	0.8	55
42	Human astrovirus coat protein binds C1q and MBL and inhibits the classical and lectin pathways of complement activation. Molecular Immunology, 2010, 47, 792-798.	2.2	55
43	Structure and properties of the Ca2+-binding CUB domain, a widespread ligand-recognition unit involved in major biological functions. Biochemical Journal, 2011, 439, 185-193.	3.7	55
44	Oxidative Stress Sensitizes Retinal Pigmented Epithelial (RPE) Cells to Complement-mediated Injury in a Natural Antibody-, Lectin Pathway-, and Phospholipid Epitope-dependent Manner. Journal of Biological Chemistry, 2013, 288, 12753-12765.	3.4	55
45	Expression of recombinant human complement C1q allows identification of the C1r/C1s-binding sites. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8650-8655.	7.1	55
46	<scp>M</scp>re<scp>B</scp> and <scp>M</scp>ur<scp>G</scp> as scaffolds for the cytoplasmic steps of peptidoglycan biosynthesis. Environmental Microbiology, 2013, 15, 3218-3228.	3.8	54
47	Cutting Edge: C1q Binds Deoxyribose and Heparan Sulfate through Neighboring Sites of Its Recognition Domain. Journal of Immunology, 2010, 185, 808-812.	0.8	52
48	Chemical and functional characterization of a fragment of C1s containing the epidermal growth factor homology region. Biochemistry, 1990, 29, 3570-3578.	2.5	51
49	Structure and Assembly of the Catalytic Region of Human Complement Protease C1Ì„r:Â A Three-Dimensional Model Based on Chemical Cross-Linking and Homology Modelingâ€. Biochemistry, 1997, 36, 6270-6282.	2.5	51
50	Human and Pneumococcal Cell Surface Glyceraldehyde-3-phosphate Dehydrogenase (GAPDH) Proteins Are Both Ligands of Human C1q Protein. Journal of Biological Chemistry, 2012, 287, 42620-42633.	3.4	51
51	Complement Protein C1q Recognizes a Conformationally Modified Form of the Prion Proteinâ€. Biochemistry, 2005, 44, 4349-4356.	2.5	49
52	Deciphering Complement Receptor Type 1 Interactions with Recognition Proteins of the Lectin Complement Pathway. Journal of Immunology, 2013, 190, 3721-3731.	0.8	49
53	The Atypical Serine Proteases of the Complement System**Received for publication on October 7, 1997. Advances in Immunology, 1998, , 249-307.	2.2	48
54	The Immunopathology of Complement Proteins and Innate Immunity in Autoimmune Disease. Clinical Reviews in Allergy and Immunology, 2020, 58, 229-251.	6.5	47

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55	Structural Insights into the Recognition Properties of Human Ficolins. Journal of Innate Immunity, 2010, 2, 17-23.	3.8	46
56	Direct interaction between CD91 and C1q. FEBS Journal, 2010, 277, 3526-3537.	4.7	45
57	Trypanosoma cruzi calreticulin inhibits the complement lectin pathway activation by direct interaction with L-Ficolin. Molecular Immunology, 2014, 60, 80-85.	2.2	45
58	The Role of the Individual Domains in the Structure and Function of the Catalytic Region of a Modular Serine Protease, C1r. Journal of Immunology, 2001, 167, 5202-5208.	0.8	43
59	The lectinâ€like activity of human C1q and its implication in DNA and apoptotic cell recognition. FEBS Letters, 2008, 582, 3111-3116.	2.8	43
60	Recombinant human complement subcomponent C1s lacking .beta.-hydroxyasparagine, sialic acid, and one of its two carbohydrate chains still reassembles with C1q and C1r to form a functional C1 complex. Biochemistry, 1992, 31, 4254-4262.	2.5	40
61	Assembly and Enzymatic Properties of the Catalytic Domain of Human Complement Protease C1r. Journal of Biological Chemistry, 2001, 276, 36233-36240.	3.4	40
62	Two parallel routes of the complement-mediated antibody-dependent enhancement of HIV-1 infection. Aids, 1997, 11, 949-958.	2.2	39
63	The Role of Nanometer-Scaled Ligand Patterns in Polyvalent Binding by Large Mannan-Binding Lectin Oligomers. Journal of Immunology, 2012, 188, 1292-1306.	0.8	39
64	Contribution of rare and predicted pathogenic gene variants to childhood-onset lupus: a large, genetic panel analysis of British and French cohorts. Lancet Rheumatology, The, 2020, 2, e99-e109.	3.9	38
65	[4] Human complement serine proteases and and their proenzymes. Methods in Enzymology, 1993, 223, 61-82.	1.0	37
66	Functional Characterization of Complement Proteases C1s/Mannan-binding Lectin-associated Serine Protease-2 (MASP-2) Chimeras Reveals the Higher C4 Recognition Efficacy of the MASP-2 Complement Control Protein Modules. Journal of Biological Chemistry, 2005, 280, 41811-41818.	3.4	36
67	The chaperone and potential mannanâ€binding lectin (MBL) coâ€receptor calreticulin interacts with MBL through the binding site for MBLâ€associated serine proteases. FEBS Journal, 2008, 275, 515-526.	4.7	35
68	Functional Characterization of the Recombinant Human C1 Inhibitor Serpin Domain: Insights into Heparin Binding. Journal of Immunology, 2010, 184, 4982-4989.	0.8	34
69	Active Human Complement Reduces the Zika Virus Load via Formation of the Membrane-Attack Complex. Frontiers in Immunology, 2018, 9, 2177.	4.8	33
70	Interaction of C1q With Pentraxin 3 and IgM Revisited: Mutational Studies With Recombinant C1q Variants. Frontiers in Immunology, 2019, 10, 461.	4.8	32
71	Antibodies targeting circulating protective molecules in lupus nephritis: Interest as serological biomarkers. Autoimmunity Reviews, 2018, 17, 890-899.	5.8	30
72	Editorial: The Role of Complement in Health and Disease. Frontiers in Immunology, 2019, 10, 1869.	4.8	30

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73	Mass Spectrometry Analysis of the Oligomeric C1q Protein Reveals the B Chain as the Target of Trypsin Cleavage and Interaction with Fucoidanâ€. Biochemistry, 2005, 44, 2602-2609.	2.5	29
74	Assembly of C1 and the MBLâ€“ and ficolinâ€“MASP complexes: Structural insights. Immunobiology, 2007, 212, 279-288.	1.9	29
75	CD91 interacts with mannanâ€binding lectin (MBL) through the MBLâ€associated serine proteaseâ€binding site. FEBS Journal, 2010, 277, 4956-4964.	4.7	29
76	Complement Protein C1q Forms a Complex with Cytotoxic Prion Protein Oligomers. Journal of Biological Chemistry, 2010, 285, 19267-19276.	3.4	29
77	Mannan-binding lectin and C1q bind to distinct structures and exert differential effects on macrophages. European Journal of Immunology, 2000, 30, 1706-1713.	2.9	27
78	Human L-Ficolin Recognizes Phosphocholine Moieties of Pneumococcal Teichoic Acid. Journal of Immunology, 2014, 193, 5699-5708.	0.8	27
79	Structural and Functional Characterization of a Single-Chain Form of the Recognition Domain of Complement Protein C1q. Frontiers in Immunology, 2016, 7, 79.	4.8	27
80	Peptide Inhibitor of Complement C1 (PIC1) Rapidly Inhibits Complement Activation after Intravascular Injection in Rats. PLoS ONE, 2015, 10, e0132446.	2.5	27
81	Analysis of the N-linked oligosaccharides of human C1s using electrospray ionisation mass spectrometry. FEBS Letters, 1995, 358, 323-328.	2.8	26
82	C1R Mutations Trigger Constitutive Complement 1 Activation in Periodontal Ehlers-Danlos Syndrome. Frontiers in Immunology, 2019, 10, 2537.	4.8	26
83	Human complement subcomponent C2: purification and proteolytic cleavage in fluid phase by C1Ì„s, C1Ì„r2-C1Ì„s2AND 1Ì„. FEBS Letters, 1982, 141, 19-24.	2.8	25
84	Purification and characterization of C4-binding protein from human serum. FEBS Letters, 1981, 132, 49-54.	2.8	24
85	Calcium-Dependent Complex Formation Between PBP2 and Lytic Transglycosylase SltB1 ofPseudomonas aeruginosa. Microbial Drug Resistance, 2012, 18, 298-305.	2.0	24
86	A novel peptide inhibitor of classical and lectin complement activation including ABO incompatibility. Molecular Immunology, 2013, 53, 132-139.	2.2	24
87	Enhancement of Ebola Virus Infection via Ficolin-1 Interaction with the Mucin Domain of GP Glycoprotein. Journal of Virology, 2016, 90, 5256-5269.	3.4	24
88	Association between the Presence of Autoantibodies Targeting Ficolin-3 and Active Nephritis in Patients with Systemic Lupus Erythematosus. PLoS ONE, 2016, 11, e0160879.	2.5	24
89	Structure and functions of the interaction domains of C1r and C1s: keystones of the architecture of the C1 complex. Immunopharmacology, 1999, 42, 3-13.	2.0	22
90	The Serine Protease Domain of MASP-3: Enzymatic Properties and Crystal Structure in Complex with Ecotin. PLoS ONE, 2013, 8, e67962.	2.5	22

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91	Structures of parasite calreticulins provide insights into their flexibility and dual carbohydrate/peptide-binding properties. IUCrJ, 2016, 3, 408-419.	2.2	21
92	M-ficolin and leukosialin (CD43): new partners in neutrophil adhesion. Journal of Leukocyte Biology, 2012, 91, 469-474.	3.3	20
93	C1q and Mannose-Binding Lectin Interact with CR1 in the Same Region on CCP24-25 Modules. Frontiers in Immunology, 2018, 9, 453.	4.8	19
94	Chemical characterization and location of ionic interactions involved in the assembly of the C1 complex of human complement. The Protein Journal, 1993, 12, 771-781.	1.1	17
95	Functional Role of the Linker between the Complement Control Protein Modules of Complement Protease C1s. Journal of Immunology, 2005, 175, 4536-4542.	0.8	17
96	Deciphering Key Residues Involved in the Virulence-promoting Interactions between Streptococcus pneumoniae and Human Plasminogen. Journal of Biological Chemistry, 2017, 292, 2217-2225.	3.4	17
97	Molecular and Cellular Interactions of Scavenger Receptor SR-F1 With Complement C1q Provide Insights Into Its Role in the Clearance of Apoptotic Cells. Frontiers in Immunology, 2020, 11, 544.	4.8	17
98	Classical Complement Pathway Components C1r and C1s: Purification from Human Serum and in Recombinant Form and Functional Characterization. Methods in Molecular Biology, 2014, 1100, 43-60.	0.9	17
99	Complement C1r serine protease contributes to kidney fibrosis. American Journal of Physiology - Renal Physiology, 2019, 317, F1293-F1304.	2.7	16
100	Structural and Functional Studies on C1r and C1s: New Insights into the Mechanisms Involved in C1 Activity and Assembly. Immunobiology, 1998, 199, 303-316.	1.9	15
101	Activation of classical pathway of complement cascade by soluble oligomers of prion. Cellular Microbiology, 2007, 9, 2870-2879.	2.1	15
102	Autoantibodies Targeting Ficolinâ€2 in Systemic Lupus Erythematosus Patients With Active Nephritis. Arthritis Care and Research, 2018, 70, 1263-1268.	3.4	14
103	Impact of the surface charge of polydiacetylene micelles on their interaction with human innate immune protein C1q and the complement system. International Journal of Pharmaceutics, 2018, 536, 434-439.	5.2	14
104	Effect of lactoperoxidase-catalyzed iodination on the calcium-dependent interactions of human C.hivin.1s. Location of the iodination sites. Biochemistry, 1991, 30, 7135-7141.	2.5	13
105	HIV-1 rsgp41 depends on calcium for binding of human C1q but not for binding of gp120. Molecular Immunology, 1995, 32, 371-374.	2.2	13
106	Structure, Function and Molecular Genetics of Human and Murine C1r. Immunobiology, 2002, 205, 365-382.	1.9	13
107	Studies on the mechanisms of allergen-induced activation of the classical and lectin pathways of complement. Molecular Immunology, 2003, 39, 839-846.	2.2	13
108	Recombinant C1q variants modulate macrophage responses but do not activate the classical complement pathway. Molecular Immunology, 2020, 117, 65-72.	2.2	12

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109	Molecular Basis of Complement C1q Collagen-Like Region Interaction with the Immunoglobulin-Like Receptor LAIR-1. International Journal of Molecular Sciences, 2021, 22, 5125.	4.1	12
110	Protective Effect of Surfactant Protein D in Pulmonary Vaccinia Virus Infection: Implication of A27 Viral Protein. Viruses, 2013, 5, 928-953.	3.3	11
111	Two Different Missense C1S Mutations, Associated to Periodontal Ehlers-Danlos Syndrome, Lead to Identical Molecular Outcomes. Frontiers in Immunology, 2019, 10, 2962.	4.8	10
112	Involvement of Surfactant Protein D in Ebola Virus Infection Enhancement via Glycoprotein Interaction. Viruses, 2019, 11, 15.	3.3	10
113	Complement System and Alarmin HMGB1 Crosstalk: For Better or Worse. Frontiers in Immunology, 2022, 13, 869720.	4.8	10
114	Editorial: State-of-the-Art Research on C1q and the Classical Complement Pathway. Frontiers in Immunology, 2016, 7, 398.	4.8	9
115	Catalytically inactive Gla-domainless factor Xa binds to TFPI and restores ex vivo coagulation in hemophilia plasma. Haematologica, 2017, 102, e483-e485.	3.5	9
116	Interaction of Complement Defence Collagens C1q and Mannose-Binding Lectin with BMP-1/Tolloid-like Proteinases. Scientific Reports, 2017, 7, 16958.	3.3	9
117	Headless C1q: a new molecular tool to decipher its collagenâ€like functions. FEBS Journal, 2021, 288, 2030-2041.	4.7	8
118	Soluble FAS Ligand Enhances Suboptimal CD40L/IL-21â€“Mediated Human Memory B Cell Differentiation into Antibody-Secreting Cells. Journal of Immunology, 2021, 207, 449-458.	0.8	8
119	Neutron scattering study of the (Î³-B) catalytic domains of complement proteases ClÌ„r and ClÌ„s. FEBS Letters, 1990, 269, 19-22.	2.8	7
120	Association of Terminal Complement Proteins in Solution and Modulation by Suramin,. Biochemistry, 1999, 38, 6807-6816.	2.5	7
121	Human ficolinâ€2 recognition versatility extended: An update on the binding of ficolinâ€2 to sulfated/phosphated carbohydrates. FEBS Letters, 2014, 588, 4694-4700.	2.8	7
122	Mode of PEG Coverage on Carbon Nanotubes Affects Binding of Innate Immune Protein C1q. Journal of Physical Chemistry B, 2018, 122, 757-763.	2.6	7
123	A study of a covalent-like interaction between soluble nascent C4b and C4-binding protein. BBA - Proteins and Proteomics, 1982, 704, 197-203.	2.1	6
124	A model system for the study of the assembly and regulation of human complement C3 convertase (classical pathway). European Journal of Immunology, 1986, 16, 617-622.	2.9	6
125	A Recombinant Chimeric Epidermal Growth Factor-like Module with High Binding Affinity for Integrins. Journal of Biological Chemistry, 2003, 278, 19834-19843.	3.4	6
126	Immunization with synthetic SARS-CoV-2 S glycoprotein virus-like particles protects macaques from infection. Cell Reports Medicine, 2022, 3, 100528.	6.5	6

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127	Identification of a cryptic protein kinase CK2 phosphorylation site in human complement protease C1r, and its use to probe intramolecular interaction. FEBS Letters, 1996, 386, 15-20.	2.8	5
128	Editorial: The double life of M-ficolin: what functions when circulating in serum and tethered to leukocyte surfaces?. Journal of Leukocyte Biology, 2011, 90, 410-412.	3.3	5
129	Complement C1q Interacts With LRP1 Clusters II and IV Through a Site Close but Different From the Binding Site of Its C1r and C1s-Associated Proteases. Frontiers in Immunology, 2020, 11, 583754.	4.8	5
130	Insights into the ligand binding specificity of SRECâ€Ⅰ (scavenger receptor expressed by endothelial) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.3	5
131	Comparative study of the fluid-phase proteolytic cleavage of human complement subcomponents C4 and C2 by Cs and Cr2 -Cs2. FEBS Letters, 1984, 165, 111-116.	2.8	4
132	MASP interactions with plasma-derived MBL. Molecular Immunology, 2012, 52, 79-87.	2.2	4
133	Role of C1q in Efferocytosis and Self-Tolerance â€" Links With Autoimmunity. , 2015, , .		4
134	Structure of the C1 complex of complement. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5766-E5767.	7.1	4
135	Recognition protein C1q of innate immunity agglutinates nanodiamonds without activating complement. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 18, 292-302.	3.3	4
136	Transient pentameric IgM fulfill biological functionâ€"Effect of expression host and transfection on IgM properties. PLoS ONE, 2020, 15, e0229992.	2.5	4
137	Arrangement of the C1 complex of complement. Biochemical Society Transactions, 1990, 18, 1148-1151.	3.4	3
138	Identification of the C1q binding sites of C1r and C1s: A refined 3D model of the C1 complex. Molecular Immunology, 2008, 45, 4097.	2.2	3
139	Biophysical Characterization of the Oligomeric States of Recombinant Immunoglobulins Type-M and Their C1q-Binding Kinetics by Biolayer Interferometry. Frontiers in Bioengineering and Biotechnology, 0, 10, .	4.1	3
140	C4 binding to artificial systems. FEBS Letters, 1981, 133, 151-156.	2.8	2
141	Ultrastructure of human C4-binding protein: proposition for a new model. European Journal of Immunology, 1985, 15, 941-945.	2.9	2
142	Innate immune sensing: Ligand recognition by M-ficolin is subject to a pH-dependent conformational switch. Molecular Immunology, 2007, 44, 3928-3929.	2.2	2
143	Residue Lys57 in the collagen-like region of human l-ficolin and its counterpart Lys47 in H-ficolin play an essential role in interaction with the MASPs and the collectin co-receptor calreticulin. Molecular Immunology, 2008, 45, 4134.	2.2	2
144	C1s. , 2018, , 107-115.		2

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145	Analysis of the Ligand Recognition Specificities of Human Ficolins Using Surface Plasmon Resonance. Methods in Molecular Biology, 2021, 2227, 205-226.	0.9	2
146	Biochemical and functional characterisation of the interaction between pentraxin 3 and the ficolins. Molecular Immunology, 2008, 45, 4135.	2.2	1
147	First Membrane Proximal External Regionâ€“Specific Anti-HIV1 Broadly Neutralizing Monoclonal IgA1 Presenting Short CDRH3 and Low Somatic Mutations. Journal of Immunology, 2016, 197, 1979-1988.	0.8	1
148	Scavenger receptors expressed by endothelial cells SREC-I/SR-F1 and SREC-II both interact with C1q and calreticulin. Molecular Immunology, 2018, 102, 220.	2.2	1
149	C1r. , 2018, , 99-106.		1
150	Functional recombinant human complement C1q with different affinity tags. Journal of Immunological Methods, 2021, 492, 113001.	1.4	1
151	The Classical Pathway C1 Complex. , 2005, , 63-89.		1
152	Soluble oligomers of prion activate the classical pathway of complement. Molecular Immunology, 2007, 44, 3916.	2.2	0
153	M-ficolin interacts with the long-chain pentraxin PTX3. A novel case of crosstalk between pattern recognition proteins?. Molecular Immunology, 2010, 47, 2232-2233.	2.2	0
154	Enzymatic properties of the MASP-3 serine protease domain and crystal structure of its complex with ecotin. Immunobiology, 2012, 217, 1167.	1.9	0
155	Complement Component C1s. , 2013, , 2853-2857.		0
156	Recombinant human C1q variants with differential ligand binding capacities. Immunobiology, 2016, 221, 1159.	1.9	0
157	Human ficolin-1 interacts with Ebola virus glycoprotein: A novel case of lectin-dependent enhancement of viral infection. Immunobiology, 2016, 221, 1160.	1.9	0
158	Active human complement reduced the titer of Zikaviruses via formation of the membrane-attack complex. Molecular Immunology, 2018, 102, 216.	2.2	0
159	Recombinant C1q variants do not activate the classical pathway, but modulate phagocytosis and cytokine production in phagocytes. Molecular Immunology, 2018, 102, 149-150.	2.2	0
160	Two missense C1S mutations, associated to the periodontal Ehlersâ€“Danlos syndrome, lead to the same extracellular molecular outcome. Molecular Immunology, 2018, 102, 152-153.	2.2	0
161	Structures of the MASP Proteases and Comparison with Complement C1r and C1s. , 2021, , 73-101.		0
162	Anti-Ficolin-2 and Anti-Ficolin-3 Autoantibody Detection by ELISA. Methods in Molecular Biology, 2021, 2227, 121-132.	0.9	0

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163	C1r. , 2000, , 52-55.		0
164	C1s. , 2000, , 56-60.		0
165	Structural investigations of the proteolytic complexes triggering the complement system. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s131-s131.	0.3	0
166	Structural bases for the selection of a public TCR against the HCMV NLV epitope. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s142-s143.	0.3	0
167	Complement Component C1r. , 2013, , 2849-2852.		0