Andrew P Herbert

List of Publications by Year
in descending order

48	2,872	218381	264894
papers	citations	26 h-index	42 g-index

66	66	66	2473
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Novel Full-Length Recombinant Human Complement Factor H (CFH; GEM103) for the Treatment of Age-Related Macular Degeneration Shows Similar InÂVitro Functional Activity to Native CFH. Current Eye Research, 2022, 47, 1087-1093.	0.7	5
2	Murine Factor H Co-Produced in Yeast With Protein Disulfide Isomerase Ameliorated C3 Dysregulation in Factor H-Deficient Mice. Frontiers in Immunology, 2021, 12, 681098.	2.2	8
3	An Engineered Complement Factor H Construct for Treatment of C3 Glomerulopathy. Journal of the American Society of Nephrology: JASN, 2018, 29, 1649-1661.	3.0	41
4	Disease-linked mutations in factor H reveal pivotal role of cofactor activity in self-surfaceâ€“selective regulation of complement activation. Journal of Biological Chemistry, 2017, 292, 13345-13360.	1.6	28
5	Factor H C-Terminal Domains Are Critical for Regulation of Platelet/Granulocyte Aggregate Formation. Frontiers in Immunology, 2017, 8, 1586.	2.2	14
6	Creating functional sophistication from simple protein building blocks, exemplified by factor H and the regulators of complement activation. Biochemical Society Transactions, 2015, 43, 812-818.	1.6	12
7	Complement Evasion Mediated by Enhancement of Captured Factor H: Implications for Protection of Self-Surfaces from Complement. Journal of Immunology, 2015, 195, 4986-4998.	0.4	58
8	Structural basis for sialic acidâ€“mediated self-recognition by complement factor H. Nature Chemical Biology, 2015, 11, 77-82.	3.9	232
9	Characterization of a Factor H Mutation That Perturbs the Alternative Pathway of Complement in a Family with Membranoproliferative GN. Journal of the American Society of Nephrology: JASN, 2014, 25, 2425-2433.	3.0	40
10	Functional Anatomy of Complement Factor H. Biochemistry, 2013, 52, 3949-3962.	1.2	106
11	Combination of Factor H Mutation and Properdin Deficiency Causes Severe C3 Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2013, 24, 53-65.	3.0	82
12	Tissue-Specific Host Recognition by Complement Factor H Is Mediated by Differential Activities of Its Glycosaminoglycan-Binding Regions. Journal of Immunology, 2013, 190, 2049-2057.	0.4	133
13	Solution NMR Structure of the Ca2+-bound N-terminal Domain of CaBP7. Journal of Biological Chemistry, 2012, 287, 38231-38243.	1.6	7
14	Solution Structure of CCP Modules 10â€“12 Illuminates Functional Architecture of the Complement Regulator, Factor H. Journal of Molecular Biology, 2012, 424, 295-312.	2.0	24
15	Familial membranoproliferative glomerulonephritis type I associated with a functionally significant mutation in complement factor H. Immunobiology, 2012, 217, 1171.	0.8	0
16	Structural characterization of the N-terminal region of Streptococcus pneumonia surface protein C. Immunobiology, 2012, 217, 1205.	0.8	0
17	Structural and Functional Characterization of the Product of Disease-Related Factor H Gene Conversion. Biochemistry, 2012, 51, 1874-1884.	1.2	26
18	Structural Analysis of the C-Terminal Region (Modules 18â€“20) of Complement Regulator Factor H (FH). PLoS ONE, 2012, 7, e32187.	1.1	39

#	Article	IF	Citations
19	NMR Structure of Hsp12, a Protein Induced by and Required for Dietary Restriction-Induced Lifespan Extension in Yeast. PLoS ONE, 2012, 7, e41975.	1.1	21
20	Factor H autoantibodies in membranoproliferative glomerulonephritis. Molecular Immunology, 2012, 52, 200-206.	1.0	69
21	Structural basis for engagement by complement factor H of C3b on a self surface. Nature Structural and Molecular Biology, 2011, 18, 463-470.	3.6	220
22	Crystallographic determination of the disease-associated T1184R variant of complement regulator factor H. Acta Crystallographica Section D: Biological Crystallography, 2011, 67, 593-600.	2.5	7
23	Association of factor H autoantibodies with deletions of CFHR1, CFHR3, CFHR4, and with mutations in CFH, CFI, CD46, and C3 in patients with atypical hemolytic uremic syndrome. Blood, 2010, 115, 379-387.	0.6	330
24	Ligands for C1q and factor H on the surface of apoptotic cells. Molecular Immunology, 2010, 47, 2252-2252.	1.0	0
25	Complement Factor H Autoantibodies and Age-Related Macular Degeneration. , 2010, 51, 5858.		27
26	The structure of the KlcA and ArdB proteins reveals a novel fold and antirestriction activity against Type I DNA restriction systems in vivo but not in vitro. Nucleic Acids Research, 2010, 38, 1723-1737.	6.5	50
27	Annexin-II, DNA, and Histones Serve as Factor H Ligands on the Surface of Apoptotic Cells. Journal of Biological Chemistry, 2010, 285, 3766-3776.	1.6	62
28	Lysine and Arginine Side Chains in Glycosaminoglycanâ"Protein Complexes Investigated by NMR, Cross-Linking, and Mass Spectrometry: A Case Study of the Factor Hâ"Heparin Interaction. Journal of the American Chemical Society, 2010, 132, 6374-6381.	6.6	34
29	The Central Portion of Factor H (Modules 10â€"15) Is Compact and Contains a Structurally Deviant CCP Module. Journal of Molecular Biology, 2010, 395, 105-122.	2.0	51
30	A Molecular Insight into Complement Evasion by the Staphylococcal Complement Inhibitor Protein Family. Journal of Immunology, 2009, 183, 2565-2574.	0.4	63
31	The Binding of Factor H to a Complex of Physiological Polyanions and C3b on Cells Is Impaired in Atypical Hemolytic Uremic Syndrome. Journal of Immunology, 2009, 182, 7009-7018.	0.4	158
32	1H, 15N and 13C resonance assignment of the pair of Factor-I like modules of the complement protein C7. Biomolecular NMR Assignments, 2009, 3, 49-52.	0.4	4
33	Structural basis and functional effects of the interaction between complement inhibitor C4b-binding protein and DNA. Molecular Immunology, 2008, 46, 62-69.	1.0	6
34	Structural basis of the complement receptor type 2 (CR2/CD21) SCR1â€"2-Epstein-Barr virus envelope protein gp350/220 interaction. Molecular Immunology, 2008, 45, 4119-4120.	1.0	0
35	Molecular Basis of the Interaction between Complement Receptor Type 2 (CR2/CD21) and Epstein-Barr Virus Glycoprotein gp350. Journal of Virology, 2008, 82, 11217-11227.	1.5	35
36	Structure of the N-terminal Region of Complement Factor H and Conformational Implications of Disease-linked Sequence Variations. Journal of Biological Chemistry, 2008, 283, 9475-9487.	1.6	58

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37	A New Map of Glycosaminoglycan and C3b Binding Sites on Factor H. Journal of Immunology, 2008, 181, 2610-2619.	0.4	173
38	Structure Shows That a Glycosaminoglycan and Protein Recognition Site in Factor H Is Perturbed by Age-related Macular Degeneration-linked Single Nucleotide Polymorphism. Journal of Biological Chemistry, 2007, 282, 18960-18968.	1.6	101
39	Structure of the complement regulatory N-terminal region of factor H: Implications for disease. Molecular Immunology, 2007, 44, 3929.	1.0	1
40	Towards a structural basis for complement factor H linked age-related macular degeneration. Molecular Immunology, 2007, 44, 3930-3931.	1.0	1
41	Unravelling the complexities of factor H action on self-surfaces. Molecular Immunology, 2007, 44, 3987-3988.	1.0	0
42	Structural basis for complement factor Hâ€“linked age-related macular degeneration. Journal of Experimental Medicine, 2007, 204, 2277-2283.	4.2	168
43	Translational Mini-Review Series on Complement Factor H: Structural and functional correlations for factor H. Clinical and Experimental Immunology, 2007, 151, 14-24.	1.1	125
44	Critical Role of the C-Terminal Domains of Factor H in Regulating Complement Activation at Cell Surfaces. Journal of Immunology, 2006, 177, 6308-6316.	0.4	138
45	Disease-associated Sequence Variations Congregate in a Polyanion Recognition Patch on Human Factor H Revealed in Three-dimensional Structure. Journal of Biological Chemistry, 2006, 281, 16512-16520.	1.6	86
46	Disease-Associated Sequence Variations in Factor H: A Structural Biology Approach. , 2006, 586, 313-327.		5
47	Opportunities for New Therapies Based on the Natural Regulators of Complement Activation. Annals of the New York Academy of Sciences, 2005, 1056, 176-188.	1.8	12
48	Three-dimensional structure and flexibility of proteins of the RCA family â€" a progress report. Biochemical Society Transactions, 2002, 30, 990-996.	1.6	11