# Andrew P Herbert

List of Publications by Year
in descending order



| 48 | 2,872 | 218677 | 265206 |
|---|---|---|---|
| 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. | 1.5 | 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. | 4.8 | 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. | 6.1 | 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. | 3.4 | 28 |
| 5 | Factor H C-Terminal Domains Are Critical for Regulation of Platelet/Granulocyte Aggregate Formation. Frontiers in Immunology, 2017, 8, 1586. | 4.8 | 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. | 3.4 | 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. | 0.8 | 58 |
| 8 | Structural basis for sialic acidâ€“mediated self-recognition by complement factor H. Nature Chemical Biology, 2015, 11, 77-82. | 8.0 | 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. | 6.1 | 40 |
| 10 | Functional Anatomy of Complement Factor H. Biochemistry, 2013, 52, 3949-3962. | 2.5 | 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. | 6.1 | 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. | 0.8 | 133 |
| 13 | Solution NMR Structure of the Ca2+-bound N-terminal Domain of CaBP7. Journal of Biological Chemistry, 2012, 287, 38231-38243. | 3.4 | 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. | 4.2 | 24 |
| 15 | Familial membranoproliferative glomerulonephritis type I associated with a functionally significant mutation in complement factor H. Immunobiology, 2012, 217, 1171. | 1.9 | 0 |
| 16 | Structural characterization of the N-terminal region of Streptococcus pneumonia surface protein C. Immunobiology, 2012, 217, 1205. | 1.9 | 0 |
| 17 | Structural and Functional Characterization of the Product of Disease-Related Factor H Gene Conversion. Biochemistry, 2012, 51, 1874-1884. | 2.5 | 26 |
| 18 | Structural Analysis of the C-Terminal Region (Modules 18â€“20) of Complement Regulator Factor H (FH). PLoS ONE, 2012, 7, e32187. | 2.5 | 39 |

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|---|---|---|---|
| 19 | NMR Structure of Hsp12, a Protein Induced by and Required for Dietary Restriction-Induced Lifespan Extension in Yeast. PLoS ONE, 2012, 7, e41975. | 2.5 | 21 |
| 20 | Factor H autoantibodies in membranoproliferative glomerulonephritis. Molecular Immunology, 2012, 52, 200-206. | 2.2 | 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. | 8.2 | 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. | 1.4 | 330 |
| 24 | Ligands for C1q and factor H on the surface of apoptotic cells. Molecular Immunology, 2010, 47, 2252-2252. | 2.2 | 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. | 14.5 | 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. | 3.4 | 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. | 13.7 | 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. | 4.2 | 51 |
| 30 | A Molecular Insight into Complement Evasion by the Staphylococcal Complement Inhibitor Protein Family. Journal of Immunology, 2009, 183, 2565-2574. | 0.8 | 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. | 0.8 | 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. | 0.8 | 4 |
| 33 | Structural basis and functional effects of the interaction between complement inhibitor C4b-binding protein and DNA. Molecular Immunology, 2008, 46, 62-69. | 2.2 | 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. | 2.2 | 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. | 3.4 | 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. | 3.4 | 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. | 0.8 | 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. | 3.4 | 101 |
| 39 | Structure of the complement regulatory N-terminal region of factor H: Implications for disease. Molecular Immunology, 2007, 44, 3929. | 2.2 | 1 |
| 40 | Towards a structural basis for complement factor H linked age-related macular degeneration. Molecular Immunology, 2007, 44, 3930-3931. | 2.2 | 1 |
| 41 | Unravelling the complexities of factor H action on self-surfaces. Molecular Immunology, 2007, 44, 3987-3988. | 2.2 | 0 |
| 42 | Structural basis for complement factor Hâ€“linked age-related macular degeneration. Journal of Experimental Medicine, 2007, 204, 2277-2283. | 8.5 | 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. | 2.6 | 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. | 0.8 | 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. | 3.4 | 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. | 3.8 | 12 |
| 48 | Three-dimensional structure and flexibility of proteins of the RCA family â€" a progress report. Biochemical Society Transactions, 2002, 30, 990-996. | 3.4 | 11 |