

# Jonathan P Hannan

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,576  
citations

361413

20  
h-index

377865

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for sialic acid-mediated self-recognition by complement factor H. <i>Nature Chemical Biology</i> , 2015, 11, 77-82.	8.0	232
2	Structural basis for engagement by complement factor H of C3b on a self surface. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 463-470.	8.2	220
3	Genetic CD21 deficiency is associated with hypogammaglobulinemia. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 801-810.e6.	2.9	182
4	The structure of human CD23 and its interactions with IgE and CD21. <i>Journal of Experimental Medicine</i> , 2005, 202, 751-760.	8.5	127
5	Structure of the Epstein-Barr virus major envelope glycoprotein. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 996-1001.	8.2	94
6	Detection of complement activation using monoclonal antibodies against C3d. <i>Journal of Clinical Investigation</i> , 2013, 123, 2218-2230.	8.2	78
7	Characterization of Human Complement Receptor Type 2 (CR2/CD21) as a Receptor for IFN- $\lambda$ : A Potential Role in Systemic Lupus Erythematosus. <i>Journal of Immunology</i> , 2006, 177, 383-394.	0.8	70
8	Solution Structure of the Complex between CR2 SCR 1-2 and C3d of Human Complement: An X-ray Scattering and Sedimentation Modelling Study. <i>Journal of Molecular Biology</i> , 2005, 346, 859-873.	4.2	59
9	Mutational Analysis of the Complement Receptor Type 2 (CR2/CD21)-C3d Interaction Reveals a Putative Charged SCR1 Binding Site for C3d. <i>Journal of Molecular Biology</i> , 2005, 346, 845-858.	4.2	45
10	Solution structures of complement components by X-ray and neutron scattering and analytical ultracentrifugation. <i>Biochemical Society Transactions</i> , 2002, 30, 996-1001.	3.4	40
11	Solution Structure of the Complex Formed between Human Complement C3d and Full-length Complement Receptor Type 2. <i>Journal of Molecular Biology</i> , 2008, 384, 137-150.	4.2	40
12	Structural Analysis of the C-Terminal Region (Modules 18-20) of Complement Regulator Factor H (FH). <i>PLoS ONE</i> , 2012, 7, e32187.	2.5	39
13	Molecular Basis of the Interaction between Complement Receptor Type 2 (CR2/CD21) and Epstein-Barr Virus Glycoprotein gp350. <i>Journal of Virology</i> , 2008, 82, 11217-11227.	3.4	35
14	Isolating the Epstein-Barr Virus gp350/220 Binding Site on Complement Receptor Type 2 (CR2/CD21). <i>Journal of Biological Chemistry</i> , 2007, 282, 36614-36625.	3.4	31
15	Mapping of the C3d Ligand Binding Site on Complement Receptor 2 (CR2/CD21) Using Nuclear Magnetic Resonance and Chemical Shift Analysis. <i>Journal of Biological Chemistry</i> , 2009, 284, 9513-9520.	3.4	28
16	The Structure-Function Relationships of Complement Receptor Type 2 (CR2; CD21). <i>Current Protein and Peptide Science</i> , 2016, 17, 463-487.	1.4	28
17	Structural and Functional Characterization of the Product of Disease-Related Factor H Gene Conversion. <i>Biochemistry</i> , 2012, 51, 1874-1884.	2.5	26
18	Delineation of the Complement Receptor Type 2-C3d Complex by Site-Directed Mutagenesis and Molecular Docking. <i>Journal of Molecular Biology</i> , 2010, 404, 697-710.	4.2	24

#	ARTICLE	IF	CITATIONS
19	Mapping the Complement Factor H-Related Protein 1 (CFHR1):C3b/C3d Interactions. <i>PLoS ONE</i> , 2016, 11, e0166200.	2.5	23
20	Structure of complement receptor (CR) 2 and CR2-C3d complexes. <i>Biochemical Society Transactions</i> , 2002, 30, 983-987.	3.4	21
21	NMR studies of metal ion binding to the Zn-finger-like HNH motif of colicin E9. <i>Journal of Inorganic Biochemistry</i> , 2000, 79, 365-370.	3.5	20
22	Distinct roles for the complement regulators factor H and Crry in protection of the kidney from injury. <i>Kidney International</i> , 2016, 90, 109-122.	5.2	16
23	Annexin A2 Enhances Complement Activation by Inhibiting Factor H. <i>Journal of Immunology</i> , 2016, 196, 1355-1365.	0.8	16
24	Effect of nickel(II) substitution on the resonance Raman and NMR spectra of <i>Alcaligenes xylosoxidans</i> azurin II: implications for axial-ligand bonding interactions in cupredoxin active sites. <i>Journal of Biological Inorganic Chemistry</i> , 1998, 3, 282-291.	2.6	15
25	Modulation of the Alternative Pathway of Complement by Murine Factor H-Related Proteins. <i>Journal of Immunology</i> , 2018, 200, 316-326.	0.8	14
26	NMR study of Ni <sup>2+</sup> binding to the H <sub>2</sub> NH endonuclease domain of colicin E9. <i>Protein Science</i> , 1999, 8, 1711-1713.	7.6	11
27	Relative Impact of Complement Receptors CD21/35 (Cr2/1) on Scrapie Pathogenesis in Mice. <i>MSphere</i> , 2017, 2, .	2.9	11
28	Biophysical Investigations of Complement Receptor 2 (CD21 and CR2)-Ligand Interactions Reveal Amino Acid Contacts Unique to Each Receptor-Ligand Pair. <i>Journal of Biological Chemistry</i> , 2010, 285, 27251-27258.	3.4	10
29	Crystallographic determination of the disease-associated T1184R variant of complement regulator factor H. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011, 67, 593-600.	2.5	7
30	Slow formation of [3Fe-4S] <sub>1</sub> clusters in mutant forms of <i>Desulfovibrio africanus</i> ferredoxin III. <i>FEBS Letters</i> , 2000, 468, 161-165.	2.8	5
31	Ras-guanine nucleotide complexes: A UV spectral deconvolution method to analyze protein concentration, nucleotide stoichiometry, and purity. <i>Analytical Biochemistry</i> , 2021, 618, 114066.	2.4	3
32	HPLC method to resolve, identify and quantify guanine nucleotides bound to recombinant ras GTPase. <i>Analytical Biochemistry</i> , 2021, 631, 114338.	2.4	3
33	Characterizing the complement receptor Type 2-C3d complex by site-directed mutagenesis and molecular modeling. <i>Molecular Immunology</i> , 2010, 47, 2258-2258.	2.2	1
34	Complement Receptor CR2/CD21 and CR2-C3d Complexes. , 2005, , 143-160.		1