

VÃ©ronique Rossi

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,559
citations

361413

20
h-index

414414

32
g-index

40
all docs

40
docs citations

40
times ranked

1331
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	Substrate Specificities of Recombinant Mannan-binding Lectin-associated Serine Proteases-1 and -2. Journal of Biological Chemistry, 2001, 276, 40880-40887.	3.4	154
3	Levels of mannan-binding lectin-associated serine protease-2 in healthy individuals. Journal of Immunological Methods, 2003, 282, 159-167.	1.4	141
4	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
5	Identification of the C1q-binding Sites of Human C1r and C1s. Journal of Biological Chemistry, 2009, 284, 19340-19348.	3.4	84
6	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
7	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
8	Structural biology of C1: dissection of a complex molecular machinery. Immunological Reviews, 2001, 180, 136-145.	6.0	69
9	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
10	Deciphering the Fine Details of C1 Assembly and Activation Mechanisms: "Mission Impossible". Frontiers in Immunology, 2014, 5, 565.	4.8	57
11	Structure of the catalytic region of human complement protease C1s: Study by chemical crosslinking and three-dimensional homology modeling. Biochemistry, 1995, 34, 7311-7321.	2.5	51
12	Structure and Assembly of the Catalytic Region of Human Complement Protease C1s: A Three-Dimensional Model Based on Chemical Cross-Linking and Homology Modeling. Biochemistry, 1997, 36, 6270-6282.	2.5	51
13	Deciphering Complement Receptor Type 1 Interactions with Recognition Proteins of the Lectin Complement Pathway. Journal of Immunology, 2013, 190, 3721-3731.	0.8	49
14	The Atypical Serine Proteases of the Complement System**Received for publication on October 7, 1997. Advances in Immunology, 1998, , 249-307.	2.2	48
15	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
16	Functional Characterization of the Recombinant Human C1 Inhibitor Serpin Domain: Insights into Heparin Binding. Journal of Immunology, 2010, 184, 4982-4989.	0.8	34
17	Analysis of the N-linked oligosaccharides of human C1s using electrospray ionisation mass spectrometry. FEBS Letters, 1995, 358, 323-328.	2.8	26
18	C1R Mutations Trigger Constitutive Complement 1 Activation in Periodontal Ehlers-Danlos Syndrome. Frontiers in Immunology, 2019, 10, 2537.	4.8	26

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19	Evolutionary conserved rigid module-domain interactions can be detected at the sequence level: the examples of complement and blood coagulation proteases 1 Edited by R. Huber. <i>Journal of Molecular Biology</i> , 1998, 282, 459-470.	4.2	22
20	The Serine Protease Domain of MASP-3: Enzymatic Properties and Crystal Structure in Complex with Ecotin. <i>PLoS ONE</i> , 2013, 8, e67962.	2.5	22
21	C1q and Mannose-Binding Lectin Interact with CR1 in the Same Region on CCP24-25 Modules. <i>Frontiers in Immunology</i> , 2018, 9, 453.	4.8	19
22	Functional Role of the Linker between the Complement Control Protein Modules of Complement Protease C1s. <i>Journal of Immunology</i> , 2005, 175, 4536-4542.	0.8	17
23	Classical Complement Pathway Components C1r and C1s: Purification from Human Serum and in Recombinant Form and Functional Characterization. <i>Methods in Molecular Biology</i> , 2014, 1100, 43-60.	0.9	17
24	Structural and Functional Studies on C1r and C1s: New Insights into the Mechanisms Involved in C1 Activity and Assembly. <i>Immunobiology</i> , 1998, 199, 303-316.	1.9	15
25	Molecular Basis of Complement C1q Collagen-Like Region Interaction with the Immunoglobulin-Like Receptor LAIR-1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5125.	4.1	12
26	Two Different Missense C1S Mutations, Associated to Periodontal Ehlers-Danlos Syndrome, Lead to Identical Molecular Outcomes. <i>Frontiers in Immunology</i> , 2019, 10, 2962.	4.8	10
27	Complement System and Alarmin HMGB1 Crosstalk: For Better or Worse. <i>Frontiers in Immunology</i> , 2022, 13, 869720.	4.8	10
28	Headless C1q: a new molecular tool to decipher its collagen-like functions. <i>FEBS Journal</i> , 2021, 288, 2030-2041.	4.7	8
29	Topology of the membrane-bound form of complement protein C9 probed by glycosylation mapping, anti-peptide antibody binding, and disulfide modification. <i>Molecular Immunology</i> , 2010, 47, 1553-1560.	2.2	7
30	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. <i>Frontiers in Immunology</i> , 2020, 11, 583754.	4.8	5
31	Identification of the C1q binding sites of C1r and C1s: A refined 3D model of the C1 complex. <i>Molecular Immunology</i> , 2008, 45, 4097.	2.2	3
32	C1s. , 2018, , 107-115.		2
33	Functional recombinant human complement C1q with different affinity tags. <i>Journal of Immunological Methods</i> , 2021, 492, 113001.	1.4	1
34	Enzymatic properties of the MASP-3 serine protease domain and crystal structure of its complex with ecotin. <i>Immunobiology</i> , 2012, 217, 1167.	1.9	0
35	Complement Component C1s. , 2013, , 2853-2857.		0
36	Two missense C1S mutations, associated to the periodontal Ehlers-Danlos syndrome, lead to the same extracellular molecular outcome. <i>Molecular Immunology</i> , 2018, 102, 152-153.	2.2	0

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37	Structures of the MASP Proteases and Comparison with Complement C1r and C1s. , 2021, , 73-101.		0