

# Rafael Bayarri-Olmos

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,208  
citations

567281

15  
h-index

477307

29  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2062  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lectin Pathway Enzyme MASP-2 and Downstream Complement Activation in COVID-19. <i>Journal of Innate Immunity</i> , 2023, 15, 122-135.	3.8	6
2	Recognition and inhibition of SARS-CoV-2 by humoral innate immunity pattern recognition molecules. <i>Nature Immunology</i> , 2022, 23, 275-286.	14.5	95
3	Modeling of waning immunity after SARS-CoV-2 vaccination and influencing factors. <i>Nature Communications</i> , 2022, 13, 1614.	12.8	117
4	Reply to: Hultström et al., Genetic determinants of mannose-binding lectin activity predispose to thromboembolic complications in critical COVID-19. Mannose-binding lectin genetics in COVID-19. <i>Nature Immunology</i> , 2022, 23, 865-867.	14.5	4
5	Antibody responses and risk factors associated with impaired immunological outcomes following two doses of BNT162b2 COVID-19 vaccination in patients with chronic pulmonary diseases. <i>BMJ Open Respiratory Research</i> , 2022, 9, e001268.	3.0	7
6	SARS-CoV-2 Antibody Responses Are Correlated to Disease Severity in COVID-19 Convalescent Individuals. <i>Journal of Immunology</i> , 2021, 206, 109-117.	0.8	96
7	The SARS-CoV-2 Y453F mink variant displays a pronounced increase in ACE-2 affinity but does not challenge antibody neutralization. <i>Journal of Biological Chemistry</i> , 2021, 296, 100536.	3.4	91
8	SARS-CoV-2 Neutralizing Antibody Responses towards Full-Length Spike Protein and the Receptor-Binding Domain. <i>Journal of Immunology</i> , 2021, 207, 878-887.	0.8	30
9	Protective Role of Collectin 11 in a Mouse Model of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2021, 73, 1430-1440.	5.6	8
10	Antibody-dependent neutralizing capacity of the SARS-CoV-2 vaccine BNT162b2 with and without previous COVID-19 priming. <i>Journal of Internal Medicine</i> , 2021, 290, 1272-1274.	6.0	17
11	Functional Effects of Receptor-Binding Domain Mutations of SARS-CoV-2 B.1.351 and P.1 Variants. <i>Frontiers in Immunology</i> , 2021, 12, 757197.	4.8	20
12	Reply to Lassaunière: On the functional characterization of the Y453F RBD variant found in cluster 5 SARS-CoV-2. <i>Journal of Biological Chemistry</i> , 2021, 297, 101241.	3.4	1
13	SARS-CoV-2 Antibodies Mediate Complement and Cellular Driven Inflammation. <i>Frontiers in Immunology</i> , 2021, 12, 767981.	4.8	36
14	Shiga Toxin 2a Binds to Complement Components C3b and C5 and Upregulates Their Gene Expression in Human Cell Lines. <i>Toxins</i> , 2021, 13, 8.	3.4	2
15	The alpha/B.1.1.7 SARS-CoV-2 variant exhibits significantly higher affinity for ACE-2 and requires lower inoculation doses to cause disease in K18-hACE2 mice. <i>ELife</i> , 2021, 10, .	6.0	24
16	Circulating Ficolin-2 and Ficolin-3 Form Heterocomplexes. <i>Journal of Immunology</i> , 2020, 204, 1919-1928.	0.8	6
17	Complement related pattern recognition molecules as markers of short-term mortality in intensive care patients. <i>Journal of Infection</i> , 2020, 80, 378-387.	3.3	14
18	Clq/TNF-Related Protein 6 Is a Pattern Recognition Molecule That Recruits Collectin-11 from the Complement System to Ligands. <i>Journal of Immunology</i> , 2020, 204, 1598-1606.	0.8	12

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19	Proteomics-Based Comparative Mapping of the Secretomes of Human Brown and White Adipocytes Reveals EPDR1 as a Novel Batokine. <i>Cell Metabolism</i> , 2019, 30, 963-975.e7.	16.2	109
20	Combining MAP1:CD35 or MAP1:CD55 fusion proteins with pattern recognition molecules as novel targeted modulators of the complement cascade. <i>FASEB Journal</i> , 2019, 33, 12723-12734.	0.5	4
21	Expression of complement C3, C5, C3aR and C5aR1 genes in resting and activated CD4+ T cells. <i>Immunobiology</i> , 2019, 224, 307-315.	1.9	9
22	Expression and characterization of MAP-1 containing fusion proteins regulating the complement cascade. <i>Molecular Immunology</i> , 2018, 102, 198.	2.2	0
23	Chimeric Proteins Containing MAP-1 and Functional Domains of C4b-Binding Protein Reveal Strong Complement Inhibitory Capacities. <i>Frontiers in Immunology</i> , 2018, 9, 1945.	4.8	11
24	Chimeric proteins containing MAP-1 and functional domains of C4b-binding protein reveal strong complement inhibitory capacities. <i>Molecular Immunology</i> , 2018, 102, 134.	2.2	0
25	C1q/TNF-related protein 6 is a new pattern recognition molecule that modulates complement activity. <i>Molecular Immunology</i> , 2018, 102, 175-176.	2.2	0
26	Development of a Quantitative Assay for the Characterization of Human Collectin-11 (CL-11, CL-K1). <i>Frontiers in Immunology</i> , 2018, 9, 2238.	4.8	15
27	IgG Responses to the Plasmodium falciparum Antigen VAR2CSA in Colombia Are Restricted to Pregnancy and Are Not Induced by Exposure to Plasmodium vivax. <i>Infection and Immunity</i> , 2018, 86, .	2.2	19
28	Common and rare genetic variants of complement components in human disease. <i>Molecular Immunology</i> , 2018, 102, 42-57.	2.2	18
29	Evasion of Classical Complement Pathway Activation on Plasmodium falciparum-Infected Erythrocytes Opsonized by PfEMP1-Specific IgG. <i>Frontiers in Immunology</i> , 2018, 9, 3088.	4.8	25
30	A journey through the lectin pathway of complementâ€” MBL and beyond. <i>Immunological Reviews</i> , 2016, 274, 74-97.	6.0	303
31	Soluble Collectin-12 (CL-12) Is a Pattern Recognition Molecule Initiating Complement Activation via the Alternative Pathway. <i>Journal of Immunology</i> , 2015, 195, 3365-3373.	0.8	63
32	Genetic Variation of COLEC10 and COLEC11 and Association with Serum Levels of Collectin Liver 1 (CL-L1) and Collectin Kidney 1 (CL-K1). <i>PLoS ONE</i> , 2015, 10, e0114883.	2.5	31