Lourdes Isaac

List of Publications by Year
in descending order

57	1,729	304368	301761
papers	citations	22 h-index	39 g-index

58	58	58	1930
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Systemic Lupus Erythematosus and Deficiencies of Early Components of the Complement Classical Pathway. Frontiers in Immunology, 2016, 7, 55.	2.2	208
2	Leptospiral Immunoglobulin-like Proteins Interact With Human Complement Regulators Factor H, FHL-1, FHR-1, and C4BP. Journal of Infectious Diseases, 2012, 205, 995-1004.	1.9	132
3	Immune Evasion ofLeptospiraSpecies by Acquisition of Human Complement Regulator C4BP. Infection and Immunity, 2009, 77, 1137-1143.	1.0	97
4	Functional Characterization of LcpA, a Surface-Exposed Protein ofLeptospiraspp. That Binds the Human Complement Regulator C4BP. Infection and Immunity, 2010, 78, 3207-3216.	1.0	90
5	Leptospirosis: Aspects of Innate Immunity, Immunopathogenesis and Immune Evasion From the Complement System. Scandinavian Journal of Immunology, 2011, 73, 408-419.	1.3	82
6	Immune Evasion by Pathogenic Leptospira Strains: The Secretion of Proteases that Directly Cleave Complement Proteins. Journal of Infectious Diseases, 2014, 209, 876-886.	1.9	82
7	Interaction of Leptospira Elongation Factor Tu with Plasminogen and Complement Factor H: A Metabolic Leptospiral Protein with Moonlighting Activities. PLoS ONE, 2013, 8, e81818.	1.1	72
8	Plasmin cleaves fibrinogen and the human complement proteins C3b and C5 in the presence of Leptospira interrogans proteins: A new role of LigA and LigB in invasion and complement immune evasion. Immunobiology, 2016, 221, 679-689.	0.8	72
9	Complement Evasion by Pathogenic Leptospira. Frontiers in Immunology, 2016, 7, 623.	2.2	63
10	Pathogenic Leptospira Species Acquire Factor H and Vitronectin via the Surface Protein LcpA. Infection and Immunity, 2015, 83, 888-897.	1.0	57
11	Is immunity in diabetic patients influencing the susceptibility to infections? Immunoglobulins, complement and phagocytic function in children and adolescents with type 1 diabetes mellitus. Pediatric Diabetes, 2005, 6, 206-212.	1.2	49
12	Genetic analysis of complement C1s deficiency associated with systemic lupus erythematosus highlights alternative splicing of normal C1s gene. Molecular Immunology, 2008, 45, 1693-1702.	1.0	44
13	The Serine Protease Pic From Enteroaggregative Escherichia coli Mediates Immune Evasion by the Direct Cleavage of Complement Proteins. Journal of Infectious Diseases, 2015, 212, 106-115.	1.9	41
14	Complement components, regulators and receptors are produced by human monocyte-derived dendritic cells. Immunobiology, 2007, 212, 151-157.	0.8	35
15	Pathogenic Leptospira Secreted Proteases Target the Membrane Attack Complex: A Potential Role for Thermolysin in Complement Inhibition. Frontiers in Microbiology, 2017, 8, 958.	1.5	35
16	Acquisition of negative complement regulators by the saprophyte Leptospira biflexa expressing LigA or LigB confers enhanced survival in human serum. Immunology Letters, 2016, 173, 61-68.	1.1	33
17	Fine Mapping of the Interaction between C4b-Binding Protein and Outer Membrane Proteins LigA and LigB of Pathogenic Leptospira interrogans. PLoS Neglected Tropical Diseases, 2015, 9, e0004192.	1.3	33
18	Plasma levels of complement proteins from the alternative pathway in patients with age-related macular degeneration are independent of Complement Factor H Tyrâ•â°Â²His polymorphism. Molecular Vision, 2012, 18, 2288-99.	1.1	31

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19	A double edged-sword - The Complement System during SARS-CoV-2 infection. Life Sciences, 2021, 272, 119245.	2.0	27
20	Impaired dendritic cell differentiation and maturation in the absence of C3. Molecular Immunology, 2008, 45, 1952-1962.	1.0	26
21	On the Three-Finger Protein Domain Fold and CD59-Like Proteins in Schistosoma mansoni. PLoS Neglected Tropical Diseases, 2013, 7, e2482.	1.3	26
22	Screening for C3 Deficiency in Newborns Using Microarrays. PLoS ONE, 2009, 4, e5321.	1.1	22
23	Strategies used by Leptospira spirochetes to evade the host complement system. FEBS Letters, 2020, 594, 2633-2644.	1.3	22
24	C57BL/6 and A/J Mice Have Different Inflammatory Response and Liver Lipid Profile in Experimental Alcoholic Liver Disease. Mediators of Inflammation, 2015, 2015, 1-11.	1.4	20
25	Deficiency of the Human Complement Regulatory Protein Factor H Associated with Low Levels of Component C9. Scandinavian Journal of Immunology, 2008, 68, 445-455.	1.3	19
26	Native conformations of human complement components C3 and C4 show different dependencies on thioester formation. Biochemical Journal, 1998, 329, 705-712.	1.7	17
27	Skipping of exon 30 in C5 gene results in complete human C5 deficiency and demonstrates the importance of C5d and CUB domains for stability. Molecular Immunology, 2009, 46, 2116-2123.	1.0	17
28	Pasteurella pneumotropica Evades the Human Complement System by Acquisition of the Complement Regulators Factor H and C4BP. PLoS ONE, 2014, 9, e111194.	1.1	17
29	Complement C5 controls liver lipid profile, promotes liver homeostasis and inflammation in C57BL/6 genetic background. Immunobiology, 2016, 221, 822-832.	0.8	17
30	Trypanosoma cruzi: Killing and enhanced uptake by resident peritoneal macrophages treated with alpha-2-macroglobulin. Parasitology Research, 1990, 76, 545-552.	0.6	16
31	Homozygous hereditary C3 deficiency due to a premature stop codon. Journal of Clinical Immunology, 2002, 22, 321-330.	2.0	16
32	The complement component C5 promotes liver steatosis and inflammation in murine non-alcoholic liver disease model. Immunology Letters, 2016, 177, 53-61.	1.1	16
33	Leptospira interrogans Secreted Proteases Degrade Extracellular Matrix and Plasma Proteins From the Host. Frontiers in Cellular and Infection Microbiology, 2018, 8, 92.	1.8	16
34	Nonsense-codon-mediated decay in human hereditary complement C3 deficiency. Immunogenetics, 2004, 55, 667-673.	1.2	14
35	Basal physiological parameters of two congenic mice strains: C5 deficient C57BL/6 and C5 sufficient A/J. Immunology Letters, 2014, 159, 47-54.	1.1	14
36	Association of complement factor H Y402H polymorphism and ageâ€related macular degeneration in Brazilian patients. Acta Ophthalmologica, 2010, 88, e165-9.	0.6	13

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37	Complement System in Alcohol-Associated Liver Disease. Immunology Letters, 2021, 236, 37-50.	1.1	13
38	Chemical Chaperones Curcumin and 4-Phenylbutyric Acid Improve Secretion of Mutant Factor H R127H by Fibroblasts from a Factor H-Deficient Patient. Journal of Immunology, 2012, 189, 3242-3248.	0.4	12
39	Dysregulation of adaptive immune responses in complement C3â€deficient patients. European Journal of Immunology, 2015, 45, 915-921.	1.6	12
40	Studies of the binding of ficolin-2 and ficolin-3 from the complement lectin pathway to Leptospira biflexa, Pasteurella pneumotropica and Diarrheagenic Escherichia coli. Immunobiology, 2015, 220, 1177-1185.	0.8	12
41	Trypanosoma cruzi: Plasma levels of alpha-2-macroglobulin during experimental murine infections with reticulotropic and myotropic strains. Zeitschrift FÃ¼r Parasitenkunde (Berlin, Germany), 1990, 76, 726-728.	0.8	11
42	Complement Immune Evasion by Spirochetes. Current Topics in Microbiology and Immunology, 2017, 415, 215-238.	0.7	10
43	Culture-attenuated pathogenic Leptospira lose the ability to survive to complement-mediated-killing due to lower expression of factor H binding proteins. Microbes and Infection, 2019, 21, 377-385.	1.0	10
44	Skipping of exon 27 in C3 gene compromises TED domain and results in complete human C3 deficiency. Immunobiology, 2016, 221, 641-649.	0.8	9
45	Leptospira interrogans thermolysin refolded at high pressure and alkaline pH displays proteolytic activity against complement C3. Biotechnology Reports (Amsterdam, Netherlands), 2018, 19, e00266.	2.1	7
46	Leptospira and Leptospirosis. , 2015, , 1973-1990.		6
47	Role of Murine Complement Component C5 in Acute in Vivo Infection by Pathogenic Leptospira interrogans. Frontiers in Cellular and Infection Microbiology, 2018, 8, 63.	1.8	6
48	Interaction of human complement factor H variants Tyr402 and His402 with Leptospira spp.. Frontiers in Immunology, 2011, 2, 44.	2.2	5
49	Cytokine Profile in Early Infection byLeptospira interrogansin A/J Mice. Journal of Immunology Research, 2019, 2019, 1-13.	0.9	5
50	A new model of outbred genetically selected mice which present a strong acute inflammatory response in the absence of complement component C5. Inflammation Research, 2009, 58, 204-209.	1.6	4
51	Binding of human complement C1 sterase inhibitor to Leptospira spp.. Immunobiology, 2018, 223, 183-190.	0.8	4
52	Contribution of Complement System pathways to the killing of Leptospira spp.. Microbes and Infection, 2020, 22, 550-557.	1.0	3
53	Lytic, agglutinating, and opsonizing effect of? 2-macroglobulin on sheep red blood cells. Inflammation, 1990, 14, 259-266.	1.7	2
54	Phagocytic activity mediated via FcÎ³R, FcÎ¼R, and CR3 and H2O2 release during ontogeny of mouse macrophages. Developmental and Comparative Immunology, 1994, 18, 443-454.	1.0	2

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55	The Role of Properdin in Killing of Non-Pathogenic Leptospira biflexa. Frontiers in Immunology, 2020, 11, 572562.	2.2	2
56	Simple Method To Distinguish between Primary and Secondary C3 Deficiencies. Vaccine Journal, 2003, 10, 216-220.	3.2	1
57	Complement Resistance Assays. Methods in Molecular Biology, 2020, 2134, 187-198.	0.4	0