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List of Publications by Year
in descending order

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68 papers	2,358 citations	201658 27 h-index	223791 46 g-index
78 all docs	78 docs citations	78 times ranked	1999 citing authors

#	Article	IF	Citations
1	A Newly Identified Leptospiral Adhesin Mediates Attachment to Laminin. Infection and Immunity, 2006, 74, 6356-6364.	2.2	178
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.	4.0	132
3	In LipL32, the Major Leptospiral Lipoprotein, the C Terminus Is the Primary Immunogenic Domain and Mediates Interaction with Collagen IV and Plasma Fibronectin. Infection and Immunity, 2008, 76, 2642-2650.	2.2	125
4	Immune Evasion ofLeptospiraSpecies by Acquisition of Human Complement Regulator C4BP. Infection and Immunity, 2009, 77, 1137-1143.	2.2	97
5	How Escherichia coli Circumvent Complement-Mediated Killing. Frontiers in Immunology, 2017, 8, 452.	4.8	91
6	Lsa21, a novel leptospiral protein binding adhesive matrix molecules and present during human infection. BMC Microbiology, 2008, 8, 70.	3.3	90
7	Functional Characterization of LcpA, a Surface-Exposed Protein ofLeptospiraspp. That Binds the Human Complement Regulator C4BP. Infection and Immunity, 2010, 78, 3207-3216.	2.2	90
8	Leptospirosis: Aspects of Innate Immunity, Immunopathogenesis and Immune Evasion From the Complement System. Scandinavian Journal of Immunology, 2011, 73, 408-419.	2.7	82
9	Immune Evasion by Pathogenic Leptospira Strains: The Secretion of Proteases that Directly Cleave Complement Proteins. Journal of Infectious Diseases, 2014, 209, 876-886.	4.0	82
10	The same mutation affecting the splicing ofWT1 gene is present on Frasier syndrome patients with or without Wilms' tumor. Human Mutation, 1999, 13, 146-153.	2.5	72
11	Interaction of Leptospira Elongation Factor Tu with Plasminogen and Complement Factor H: A Metabolic Leptospiral Protein with Moonlighting Activities. PLoS ONE, 2013, 8, e81818.	2.5	72
12	Inhibition of the Membrane Attack Complex by Dengue Virus NS1 through Interaction with Vitronectin and Terminal Complement Proteins. Journal of Virology, 2016, 90, 9570-9581.	3.4	72
13	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.	1.9	72
14	Complement Evasion by Pathogenic Leptospira. Frontiers in Immunology, 2016, 7, 623.	4.8	63
15	Pathogenic Leptospira Species Acquire Factor H and Vitronectin via the Surface Protein LcpA. Infection and Immunity, 2015, 83, 888-897.	2.2	57
16	Leptospiral TlyC is an extracellular matrixâ€binding protein and does not present hemolysin activity. FEBS Letters, 2009, 583, 1381-1385.	2.8	52
17	Gonadal agenesis in XX and XY sisters: Evidence for the involvement of an autosomal gene. American Journal of Medical Genetics Part A, 1994, 52, 39-43.	2.4	50
18	Microconversion betweenCYP21A2andCYP21A1PPromoter Regions Causes the Nonclassical Form of 21-Hydroxylase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 4028-4034.	3.6	50

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19	The Complement System in Flavivirus Infections. Frontiers in Microbiology, 2017, 8, 213.	3.5	42
20	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.	4.0	41
21	Combined pituitary hormone deficiency (CPHD) due to a complete PROP1 deletion. Clinical Endocrinology, 2006, 65, 294-300.	2.4	35
22	Putative outer membrane proteins of Leptospira interrogans stimulate human umbilical vein endothelial cells (HUVECS) and express during infection. Microbial Pathogenesis, 2008, 45, 315-322.	2.9	35
23	Pathogenic Leptospira Secreted Proteases Target the Membrane Attack Complex: A Potential Role for Thermolysin in Complement Inhibition. Frontiers in Microbiology, 2017, 8, 958.	3.5	35
24	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.	2.5	33
25	The multifaceted roles of Leptospira enolase. Research in Microbiology, 2017, 168, 157-164.	2.1	33
26	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.	3.0	33
27	Staphylococcus aureus Manganese Transport Protein C (MntC) Is an Extracellular Matrix- and Plasminogen-Binding Protein. PLoS ONE, 2014, 9, e112730.	2.5	32
28	Identification of five chromosomal regions involved in predisposition to melanoma by genome-wide scan in the MeLiM swine model. International Journal of Cancer, 2004, 110, 39-50.	5.1	31
29	A functional SNP in the promoter region of TCOF1 is associated with reduced gene expression and YY1 DNAâ€“protein interaction. Gene, 2005, 359, 44-52.	2.2	29
30	Mapping in pig of genes involved in sexual differentiation: AMH, WT1 FTZF1 SOX2, SOX9, AHC, and placental and embryonic CYP19. Cytogenetic and Genome Research, 1997, 76, 109-114.	1.1	28
31	Assessment of the role of transcript for GATA-4 as a marker of unfavorable outcome in human adrenocortical neoplasms. BMC Endocrine Disorders, 2004, 4, 3.	2.2	28
32	The serine protease Pic as a virulence factor of atypical enteropathogenicEscherichia coli. Gut Microbes, 2016, 7, 115-125.	9.8	28
33	Evaluation of the Expression and Protective Potential of Leptospiral Sphingomyelinases. Current Microbiology, 2010, 60, 134-142.	2.2	27
34	A novel leptospiral protein increases ICAM-1 and E-selectin expression in human umbilical vein endothelial cells. FEMS Microbiology Letters, 2007, 276, 172-180.	1.8	26
35	Relevance of intersexuality to breeding and reproductive biotechnology programs; XX sex reversal in pigs. Theriogenology, 1997, 47, 93-102.	2.1	24
36	Structural and Enzymatic Characterization of a cAMP-Dependent Diguanylate Cyclase from Pathogenic Leptospira Species. Journal of Molecular Biology, 2017, 429, 2337-2352.	4.2	24

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37	A physical map of large segments of pig Chromosome 7q11â€“q14: comparative analysis with human Chromosome 6p21. Mammalian Genome, 2004, 15, 982-995.	2.2	22
38	Strategies used by Leptospira spirochetes to evade the host complement system. FEBS Letters, 2020, 594, 2633-2644.	2.8	22
39	XY gonadal dysgenesis and gonadoblastoma: a study in two sisters with a cryptic deletion of the Y chromosome involving the SRY gene. Human Genetics, 1995, 95, 63-6.	3.8	20
40	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.	2.2	17
41	Pasteurella pneumotropica Evades the Human Complement System by Acquisition of the Complement Regulators Factor H and C4BP. PLoS ONE, 2014, 9, e111194.	2.5	17
42	Leptospira interrogans Secreted Proteases Degrade Extracellular Matrix and Plasma Proteins From the Host. Frontiers in Cellular and Infection Microbiology, 2018, 8, 92.	3.9	16
43	Calcium Binding to Leptospira Outer Membrane Antigen LipL32 Is Not Necessary for Its Interaction with Plasma Fibronectin, Collagen Type IV, and Plasminogen. Journal of Biological Chemistry, 2012, 287, 4826-4834.	3.4	15
44	Characterization of human Collagen XVIII promoter 2: Interaction of Sp1, Sp3 and YY1 with the regulatory region and a SNP that increases transcription in hepatocytes. Matrix Biology, 2005, 24, 550-559.	3.6	12
45	Flagellin and GroEL mediates in vitro binding of an atypical enteropathogenic Escherichia coli to cellular fibronectin. BMC Microbiology, 2015, 15, 278.	3.3	12
46	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.	1.9	12
47	Complement Immune Evasion by Spirochetes. Current Topics in Microbiology and Immunology, 2017, 415, 215-238.	1.1	10
48	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.	1.9	10
49	Secreted Autotransporter Toxin (Sat) Mediates Innate Immune System Evasion. Frontiers in Immunology, 2022, 13, 844878.	4.8	10
50	The ability of haemolysins expressed by atypical enteropathogenic Escherichia coli to bind to extracellular matrix components. Memorias Do Instituto Oswaldo Cruz, 2011, 106, 146-152.	1.6	9
51	Ullrich-Turner Syndrome: Relevance of Searching for Y Chromosome Fragments. Journal of Pediatric Endocrinology and Metabolism, 1999, 12, 827-31.	0.9	8
52	Leptospira interrogans thermolysin refolded at high pressure and alkaline pH displays proteolytic activity against complement C3. Biotechnology Reports (Amsterdam, Netherlands), 2018, 19, e00266.	4.4	7
53	Leptospira and Leptospirosis. , 2015, , 1973-1990.		6
54	Surface Protein Dispersin of Enteroaggregative Escherichia coli Binds Plasminogen That Is Converted Into Active Plasmin. Frontiers in Microbiology, 2020, 11, 1222.	3.5	6

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55	Breaking the Bond: Recent Patents on Bacterial Adhesins. Recent Patents on DNA & Gene Sequences, 2012, 6, 160-171.	0.7	6
56	Expression profiles of the glucose-dependent insulinotropic peptide receptor and LHCGR in sporadic adrenocortical tumors. Journal of Endocrinology, 2009, 200, 167-175.	2.6	5
57	Interaction of human complement factor H variants Tyr402 and His402 with Leptospira spp.. Frontiers in Immunology, 2011, 2, 44.	4.8	5
58	Inactivation of the antimicrobial peptide LL-37 by pathogenic Leptospira. Microbial Pathogenesis, 2021, 150, 104704.	2.9	4
59	Contribution of Complement System pathways to the killing of Leptospira spp.. Microbes and Infection, 2020, 22, 550-557.	1.9	3
60	Understanding the Renal Fibrotic Process in Leptospirosis. International Journal of Molecular Sciences, 2021, 22, 10779.	4.1	3
61	RB1 deletion in gonadoblastoma in an XY female. Human Genetics, 1997, 101, 181-185.	3.8	2
62	The Role of Properdin in Killing of Non-Pathogenic Leptospira biflexa. Frontiers in Immunology, 2020, 11, 572562.	4.8	2
63	The C-Terminal Domain of Staphylococcus aureus Zinc Transport Protein AdcA Binds Plasminogen and Factor H In Vitro. Pathogens, 2022, 11, 240.	2.8	1
64	Factor H Tyr402 binds more efficiently to Leptospira than Factor H His402 but both variants exhibit similar cofactor activities. Molecular Immunology, 2010, 47, 2242-2242.	2.2	0
65	Dual binding specificity of a Leptospira-associated complement regulator-acquiring surface protein for human C4BP and Factor H. Molecular Immunology, 2010, 47, 2248-2248.	2.2	0
66	A novel mechanism of immune evasion in Leptospira: The expression of proteases that cleave complement proteins. Molecular Immunology, 2011, 48, 1700.	2.2	0
67	Role of native properdin in the control leptospirosis infection. Molecular Immunology, 2011, 48, 1701-1702.	2.2	0
68	Complement Resistance Assays. Methods in Molecular Biology, 2020, 2134, 187-198.	0.9	0