

Cordula M Stover

List of Publications by Year in descending order

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82
papers

3,034
citations

236925

25
h-index

161849

54
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91
all docs

91
docs citations

91
times ranked

3298
citing authors

#	ARTICLE	IF	CITATIONS
1	A second serine protease associated with mannan-binding lectin that activates complement. <i>Nature</i> , 1997, 386, 506-510.	27.8	799
2	Targeting of mannan-binding lectin-associated serine protease-2 confers protection from myocardial and gastrointestinal ischemia/reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7523-7528.	7.1	174
3	The Lectin Pathway of Complement Activation Is a Critical Component of the Innate Immune Response to Pneumococcal Infection. <i>PLoS Pathogens</i> , 2012, 8, e1002793.	4.7	144
4	The Mannan-Binding Lectin-Associated Serine Proteases (MASPs) and MASP-1: Four Components of the Lectin Pathway Activation Complex Encoded by Two Genes. <i>Immunobiology</i> , 2002, 205, 455-466.	1.9	133
5	Interaction of C1q and Mannan-Binding Lectin (MBL) with C1r, C1s, MBL-Associated Serine Proteases 1 and 2, and the MBL-Associated Protein MASP-1. <i>Journal of Immunology</i> , 2000, 165, 878-887.	0.8	99
6	Neuronal expression of fractalkine in the presence and absence of inflammation. <i>FEBS Letters</i> , 1998, 439, 203-207.	2.8	96
7	Properdin and Factor H: Opposing Players on the Alternative Complement Pathway. <i>Frontiers in Immunology</i> , 2013, 4, 93.	4.8	80
8	Properdin Plays a Protective Role in Polymicrobial Septic Peritonitis. <i>Journal of Immunology</i> , 2008, 180, 3313-3318.	0.8	79
9	Direct Complement Restriction of Flavivirus Infection Requires Glycan Recognition by Mannose-Binding Lectin. <i>Cell Host and Microbe</i> , 2010, 8, 186-195.	11.0	78
10	Loss of Properdin Exacerbates C3 Glomerulopathy Resulting from Factor H Deficiency. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 43-52.	6.1	76
11	Mannan-binding lectin-associated serine protease 2 is critical for the development of renal ischemia reperfusion injury and mediates tissue injury in the absence of complement C4. <i>FASEB Journal</i> , 2014, 28, 3996-4003.	0.5	75
12	<i>P. gingivalis</i> in Periodontal Disease and Atherosclerosis – New Scenes of Action for Antimicrobial Peptides and Complement. <i>Frontiers in Immunology</i> , 2015, 6, 45.	4.8	71
13	Functional and structural insight into properdin control of complement alternative pathway amplification. <i>EMBO Journal</i> , 2017, 36, 1084-1099.	7.8	69
14	Antibody directs properdin-dependent activation of the complement alternative pathway in a mouse model of abdominal aortic aneurysm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E415-22.	7.1	65
15	Resuscitation-promoting factors are important determinants of the pathophysiology in <i>Mycobacterium tuberculosis</i> infection. <i>Critical Reviews in Microbiology</i> , 2017, 43, 621-630.	6.1	61
16	Composition of the Lectin Pathway of Complement in <i>Gallus gallus</i> : Absence of Mannan-Binding Lectin-Associated Serine Protease-1 in Birds. <i>Journal of Immunology</i> , 2005, 174, 4998-5006.	0.8	51
17	Dual role of complement in adipose tissue. <i>Molecular Immunology</i> , 2009, 46, 755-760.	2.2	51
18	The human gene for mannan-binding lectin-associated serine protease-2 (MASP-2), the effector component of the lectin route of complement activation, is part of a tightly linked gene cluster on chromosome 1p36.2. <i>Genes and Immunity</i> , 2001, 2, 119-127.	4.1	42

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19	Exploring LPS-induced sepsis in rats and mice as a model to study potential protective effects of the nociceptin/orphanin FQ system. <i>Peptides</i> , 2014, 61, 56-60.	2.4	41
20	The role of properdin in murine zymosan-induced arthritis. <i>Molecular Immunology</i> , 2010, 47, 1458-1466.	2.2	39
21	A new effector of lipid metabolism: Complement factor properdin. <i>Molecular Immunology</i> , 2012, 51, 73-81.	2.2	36
22	Role of the Classical Pathway of Complement Activation in Experimentally Induced Polymicrobial Peritonitis. <i>Infection and Immunity</i> , 2001, 69, 7304-7309.	2.2	35
23	Human Properdin Oponizes Nanoparticles and Triggers a Potent Pro-inflammatory Response by Macrophages without Involving Complement Activation. <i>Frontiers in Immunology</i> , 2018, 9, 131.	4.8	34
24	Abrogated RANKL expression in properdin-deficient mice is associated with better outcome from collagen-antibody-induced arthritis. <i>Arthritis Research and Therapy</i> , 2012, 14, R173.	3.5	32
25	Properdin Deficiency in Murine Models of Nonseptic Shock. <i>Journal of Immunology</i> , 2008, 180, 6962-6969.	0.8	30
26	Intestinal Barrier Disturbances in Haemodialysis Patients: Mechanisms, Consequences, and Therapeutic Options. <i>BioMed Research International</i> , 2017, 2017, 1-11.	1.9	25
27	Properdin binds independent of complement activation in an in vivo model of anti-glomerular basement membrane disease. <i>Kidney International</i> , 2018, 94, 1141-1150.	5.2	25
28	Properdin Provides Protection from <i>Citrobacter rodentium</i> -Induced Intestinal Inflammation in a C5a/IL-6-Dependent Manner. <i>Journal of Immunology</i> , 2015, 194, 3414-3421.	0.8	24
29	The role of complement in the success of vaccination with conjugated vs. unconjugated polysaccharide antigen. <i>Vaccine</i> , 2008, 26, 451-459.	3.8	22
30	Organization of the MASP2 locus and its expression profile in mouse and rat. <i>Mammalian Genome</i> , 2004, 15, 887-900.	2.2	21
31	Functional characterization of human mannose-binding lectin-associated serine protease (MASP)-1/3 and MASP-2 promoters, and comparison with the C1s promoter. <i>International Immunology</i> , 2002, 14, 1193-1201.	4.0	19
32	Dual role of complement in tumour growth and metastasis (Review). <i>International Journal of Molecular Medicine</i> , 2010, 25, 307-13.	4.0	18
33	Protective Role for Properdin in Progression of Experimental Murine Atherosclerosis. <i>PLoS ONE</i> , 2014, 9, e92404.	2.5	18
34	On the Functional Overlap between Complement and Anti-Microbial Peptides. <i>Frontiers in Immunology</i> , 2015, 5, 689.	4.8	18
35	An Appraisal on the Value of Using Nutraceutical Based Senolytics and Senostatics in Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 218.	3.7	17
36	Absence of the lectin activation pathway of complement does not increase susceptibility to <i>Pseudomonas aeruginosa</i> infections. <i>Immunobiology</i> , 2012, 217, 272-280.	1.9	16

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37	Experimentally induced anti-myeloperoxidase vasculitis does not require properdin, <sc>MASP</sc> or bone marrow derived <sc>C5</sc>. <i>Journal of Pathology</i> , 2016, 240, 61-71.	4.5	16
38	Stat3 is involved in control of MASP2 gene expression. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 1022-1025.	2.1	15
39	The Role of Complement in the Development and Manifestation of Murine Atherogenic Inflammation: Novel Avenues. <i>Journal of Innate Immunity</i> , 2012, 4, 260-272.	3.8	15
40	Septicaemia models using <i>Streptococcus pneumoniae</i> and <i>Listeria monocytogenes</i> : understanding the role of complement properdin. <i>Medical Microbiology and Immunology</i> , 2014, 203, 257-271.	4.8	15
41	In Vivo Biosynthesis of Endogenous and of Human C1 Inhibitor in Transgenic Mice: Tissue Distribution and Colocalization of Their Expression. <i>Journal of Immunology</i> , 2002, 169, 5948-5954.	0.8	14
42	Murine serine proteases MASP-1 and MASP-3, components of the lectin pathway activation complex of complement, are encoded by a single structural gene. <i>Genes and Immunity</i> , 2003, 4, 374-384.	4.1	14
43	Mannan-binding lectin in young children with asthma differs by level of severity. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 503-505.	2.9	14
44	Properdin Regulation of Complement Activation Affects Colitis in Interleukin 10 Gene Deficient Mice. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1519-1528.	1.9	14
45	Role of Complement Properdin in Renal Ischemia-Reperfusion Injury. <i>Current Gene Therapy</i> , 2018, 17, 411-423.	2.0	13
46	Functional MASP2 single nucleotide polymorphism plays no role in psoriasis. <i>British Journal of Dermatology</i> , 2005, 152, 1313-1315.	1.5	12
47	Nociceptin system as a target in sepsis?. <i>Journal of Anesthesia</i> , 2014, 28, 759-767.	1.7	12
48	Deficiency in Mannose-Binding Lectin-Associated Serine Protease-2 Does Not Increase Susceptibility to <i>Trypanosoma cruzi</i> Infection. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 320-324.	1.4	12
49	Tumour cell conditioned medium reveals greater M2 skewing of macrophages in the absence of properdin. <i>Immunity, Inflammation and Disease</i> , 2017, 5, 68-77.	2.7	12
50	Properdin: A Novel Target for Neuroprotection in Neonatal Hypoxic-Ischemic Brain Injury. <i>Frontiers in Immunology</i> , 2019, 10, 2610.	4.8	12
51	In vitro Modulation of the LPS-Induced Proinflammatory Profile of Hepatocytes and Macrophages- Approaches for Intervention in Obesity?. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 61.	3.7	11
52	In vitro Generation of Cytotoxic T Cells With Potential for Adoptive Tumor Immunotherapy of Multiple Myeloma. <i>Frontiers in Immunology</i> , 2019, 10, 1792.	4.8	11
53	Properdin Levels in Human Sepsis. <i>Frontiers in Immunology</i> , 2015, 6, 24.	4.8	10
54	Ex vivo modelling of the formation of inflammatory platelet-leucocyte aggregates and their adhesion on endothelial cells, an early event in sepsis. <i>Clinical and Experimental Medicine</i> , 2019, 19, 321-337.	3.6	10

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55	Prognostic Value of Complement Properdin in Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 614980.	4.8	10
56	Microparticles and their Roles in Inflammation: A Review. <i>The Open Immunology Journal</i> , 2013, 6, 1-14.	1.5	10
57	Properdin Deficiency Impairs Phagocytosis and Enhances Injury at Kidney Repair Phase Post Ischemia-Reperfusion. <i>Frontiers in Immunology</i> , 2021, 12, 697760.	4.8	9
58	A comparison of the inflammatory response following autologous compared with allogenic islet cell transplantation. <i>Annals of Translational Medicine</i> , 2021, 9, 98-98.	1.7	8
59	Mode of Proximal Tubule Damage: Differential Cause for the Release of TFF3?. <i>Frontiers in Immunology</i> , 2016, 7, 122.	4.8	6
60	Mechanisms of Stress-Mediated Modulation of Upper and Lower Respiratory Tract Infections. <i>Advances in Experimental Medicine and Biology</i> , 2016, 874, 215-223.	1.6	6
61	Dietary Toll-Like Receptor Stimulants Promote Hepatic Inflammation and Impair Reverse Cholesterol Transport in Mice via Macrophage-Dependent Interleukin-1 Production. <i>Frontiers in Immunology</i> , 2019, 10, 1404.	4.8	6
62	Mannan binding lectin associated serine protease-2 (MASP-2) is a critical player in the pathophysiology of renal ischaemia reperfusion (I/R) injury and mediates tissue injury in absence of complement C4. <i>Molecular Immunology</i> , 2009, 46, 2832.	2.2	5
63	Vitamin D ₃ supplementation of a high fat high sugar diet ameliorates prediabetic phenotype in female LDLR ^{+/~} and LDLR ^{+/+} mice. <i>Immunity, Inflammation and Disease</i> , 2017, 5, 151-162.	2.7	4
64	Complement Activation on Endothelial Cell-Derived Microparticles—A Key Determinant for Cardiovascular Risk in Patients with Systemic Lupus Erythematosus?. <i>Medicina (Lithuania)</i> , 2020, 56, 533.	2.0	4
65	Editorial: Antimicrobial Peptides and Complement — Maximising the Inflammatory Response. <i>Frontiers in Immunology</i> , 2015, 6, 491.	4.8	3
66	Properdin Is a Modulator of Tumour Immunity in a Syngeneic Mouse Melanoma Model. <i>Medicina (Lithuania)</i> , 2021, 57, 85.	2.0	3
67	Complement Properdin Regulates the Metabolo-Inflammatory Response to a High Fat Diet. <i>Medicina (Lithuania)</i> , 2020, 56, 484.	2.0	2
68	Complement Properdin Determines Disease Activity in MRL/lpr Mice. <i>Medicina (Lithuania)</i> , 2020, 56, 430.	2.0	2
69	The potential of circulating autoantibodies in the early diagnosis of Alzheimer's disease. <i>AIMS Allergy and Immunology</i> , 2017, 1, 62-70.	0.5	2
70	Properdin in childhood and its association with wheezing and atopy. <i>Pediatric Allergy and Immunology</i> , 2010, 21, e787-e791.	2.6	1
71	FP214 TISSUE PROTECTIVE ERYTHROPOIETIN RECEPTOR/B-COMMON RECEPTOR ASSOCIATED WITH PROPERDIN IN MOUSE RENAL ISCHEMIA-REPERFUSION INJURY AND REPAIR. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i103-i103.	0.7	1
72	The Value of Targeting Complement Components in Asthma. <i>Medicina (Lithuania)</i> , 2020, 56, 405.	2.0	1

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73	Comparative Analysis of Risk Factors in Declined Kidneys from Donation after Brain Death and Circulatory Death. <i>Medicina (Lithuania)</i> , 2020, 56, 317.	2.0	1
74	Pilot study: deficiency of mannose-binding lectin-dependent lectin pathway, a novel modulator in outcome from pancreatic islet auto-transplantation. <i>Annals of Translational Medicine</i> , 2020, 8, 170-170.	1.7	1
75	Intracellular localisation of <i>Mycobacterium marinum</i> in mast cells. <i>World Journal of Immunology</i> , 2016, 6, 83.	0.5	1
76	Dexamethasone acutely suppresses the anabolic SNAT2/SLC38A2 amino acid transporter protein in L6E9 rat skeletal muscle cells. <i>FASEB BioAdvances</i> , 2021, 3, 36-48.	2.4	1
77	The deficiency of the lectin pathway functional activity in MASP-2 deficient mice does not effect the survival from acute polymicrobial septic peritonitis. <i>Molecular Immunology</i> , 2008, 45, 4164.	2.2	0
78	The deficiency of the lectin pathway functional activity in MASP-2 deficient mice has no impact on the survival from <i>Pseudomonas aeruginosa</i> infections. <i>Molecular Immunology</i> , 2008, 45, 4164.	2.2	0
79	TOO11 PROPERDIN DEFICIENCY INCREASES THE SEVERITY OF RENAL ISCHEMIA REPERFUSION INJURY THE SEVERITY OF RENAL ISCHEMIA REPERFUSION INJURY. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i64-i65.	0.7	0
80	Using evolution to develop new biotherapeutics to inhibit angiotensin-2 in cardiovascular inflammation. , 2018, , .		0
81	Mechanisms of Stress-Mediated Modulation of Upper and Lower Respiratory Tract Infections. , 2010, , 181-189.		0
82	Obesity enhances allergen-induced airway inflammation in a murine model of asthma. , 2019, , .		0