

Peter A Ward

List of Publications by Citations

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236
papers

22,995
citations

81
h-index

146
g-index

249
ext. papers

25,464
ext. citations

9.2
avg, IF

7.16
L-index

#	Paper	IF	Citations
236	Immunodesign of experimental sepsis by cecal ligation and puncture. <i>Nature Protocols</i> , 2009 , 4, 31-6	18.8	1125
235	Harmful molecular mechanisms in sepsis. <i>Nature Reviews Immunology</i> , 2008 , 8, 776-87	36.5	862
234	Adhesion molecules and inflammatory injury. <i>FASEB Journal</i> , 1994 , 8, 504-512	0.9	841
233	Generation of C5a in the absence of C3: a new complement activation pathway. <i>Nature Medicine</i> , 2006 , 12, 682-7	50.5	746
232	Role of C5a in inflammatory responses. <i>Annual Review of Immunology</i> , 2005 , 23, 821-52	34.7	715
231	Novel strategies for the treatment of sepsis. <i>Nature Medicine</i> , 2003 , 9, 517-24	50.5	682
230	The complement system. <i>Cell and Tissue Research</i> , 2011 , 343, 227-35	4.2	498
229	The enigma of sepsis. <i>Journal of Clinical Investigation</i> , 2003 , 112, 460-467	15.9	433
228	THE ROLE OF SERUM COMPLEMENT IN CHEMOTAXIS OF LEUKOCYTES IN VITRO. <i>Journal of Experimental Medicine</i> , 1965 , 122, 327-46	16.6	366
227	Protective effects of C5a blockade in sepsis. <i>Nature Medicine</i> , 1999 , 5, 788-92	50.5	349
226	The phlogistic role of C3 leukotactic fragments in myocardial infarcts of rats. <i>Journal of Experimental Medicine</i> , 1971 , 133, 885-900	16.6	341
225	The dark side of C5a in sepsis. <i>Nature Reviews Immunology</i> , 2004 , 4, 133-42	36.5	337
224	Phagocyte-derived catecholamines enhance acute inflammatory injury. <i>Nature</i> , 2007 , 449, 721-5	50.4	332
223	Functional roles for C5a receptors in sepsis. <i>Nature Medicine</i> , 2008 , 14, 551-7	50.5	312
222	Sepsis-induced immune dysfunction: can immune therapies reduce mortality?. <i>Journal of Clinical Investigation</i> , 2016 , 126, 23-31	15.9	309
221	Protective effects of oligosaccharides in P-selectin-dependent lung injury. <i>Nature</i> , 1993 , 364, 149-51	50.4	297
220	The immune system's role in sepsis progression, resolution, and long-term outcome. <i>Immunological Reviews</i> , 2016 , 274, 330-353	11.3	286

219	Interactions between coagulation and complement--their role in inflammation. <i>Seminars in Immunopathology</i> , 2012 , 34, 151-65	12	280
218	The inflammatory response in sepsis. <i>Trends in Immunology</i> , 2013 , 34, 129-36	14.4	279
217	The disconnect between animal models of sepsis and human sepsis. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 137-43	6.5	274
216	Protective effects of IL-6 blockade in sepsis are linked to reduced C5a receptor expression. <i>Journal of Immunology</i> , 2003 , 170, 503-7	5.3	264
215	The deactivation of rabbit neutrophils by chemotactic factor and the nature of the activatable esterase. <i>Journal of Experimental Medicine</i> , 1968 , 127, 693-709	16.6	225
214	BOUND COMPLEMENT AND IMMUNOLOGIC INJURY OF BLOOD VESSELS. <i>Journal of Experimental Medicine</i> , 1965 , 121, 215-34	16.6	222
213	The enigma of sepsis. <i>Journal of Clinical Investigation</i> , 2003 , 112, 460-7	15.9	216
212	The chemosuppression of chemotaxis. <i>Journal of Experimental Medicine</i> , 1966 , 124, 209-26	16.6	215
211	Innate immune responses to trauma. <i>Nature Immunology</i> , 2018 , 19, 327-341	19.1	208
210	Critical role for the NLRP3 inflammasome during acute lung injury. <i>Journal of Immunology</i> , 2014 , 192, 5974-83	5.3	202
209	Acute immunologic pulmonary alveolitis. <i>Journal of Clinical Investigation</i> , 1974 , 54, 349-57	15.9	196
208	Role of C5a in multiorgan failure during sepsis. <i>Journal of Immunology</i> , 2001 , 166, 1193-9	5.3	190
207	Mediator-induced activation of xanthine oxidase in endothelial cells. <i>FASEB Journal</i> , 1989 , 3, 2512-8	0.9	190
206	The production by antigen-stimulated lymphocytes of a leukotactic factor distinct from migration inhibitory factor. <i>Cellular Immunology</i> , 1970 , 1, 162-74	4.4	188
205	Generation of C5a by phagocytic cells. <i>American Journal of Pathology</i> , 2002 , 161, 1849-59	5.8	174
204	Molecular signatures of sepsis: multiorgan gene expression profiles of systemic inflammation. <i>American Journal of Pathology</i> , 2001 , 159, 1199-209	5.8	173
203	Role of oxidants in lung injury during sepsis. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 1991-2002	8.4	167
202	Adverse functions of IL-17A in experimental sepsis. <i>FASEB Journal</i> , 2008 , 22, 2198-205	0.9	157

201	Complement-induced impairment of innate immunity during sepsis. <i>Journal of Immunology</i> , 2002 , 169, 3223-31	5.3	154
200	Complement-derived leukotactic factors in inflammatory synovial fluids of humans. <i>Journal of Clinical Investigation</i> , 1971 , 50, 606-16	15.9	154
199	Extracellular histones are essential effectors of C5aR- and C5L2-mediated tissue damage and inflammation in acute lung injury. <i>FASEB Journal</i> , 2013 , 27, 5010-21	0.9	150
198	Melatonin alleviates acute lung injury through inhibiting the NLRP3 inflammasome. <i>Journal of Pineal Research</i> , 2016 , 60, 405-14	10.4	146
197	Inhibition of NF-kappaB activation and augmentation of IkappaBbeta by secretory leukocyte protease inhibitor during lung inflammation. <i>American Journal of Pathology</i> , 1999 , 154, 239-47	5.8	143
196	Protection of innate immunity by C5aR antagonist in septic mice. <i>FASEB Journal</i> , 2002 , 16, 1567-74	0.9	141
195	Anti-c5a ameliorates coagulation/fibrinolytic protein changes in a rat model of sepsis. <i>American Journal of Pathology</i> , 2002 , 160, 1867-75	5.8	141
194	Rapid induction of neutrophil-endothelial adhesion by endothelial complement fixation. <i>Nature</i> , 1989 , 339, 314-7	50.4	140
193	Expression and function of C5a receptor in mouse microvascular endothelial cells. <i>Journal of Immunology</i> , 2002 , 169, 5962-70	5.3	135
192	C5a-induced gene expression in human umbilical vein endothelial cells. <i>American Journal of Pathology</i> , 2004 , 164, 849-59	5.8	134
191	Evaluation of endotoxin models for the study of sepsis. <i>Shock</i> , 2005 , 24 Suppl 1, 7-11	3.4	134
190	Increased C5a receptor expression in sepsis. <i>Journal of Clinical Investigation</i> , 2002 , 110, 101-108	15.9	130
189	Mediators and regulation of neutrophil accumulation in inflammatory responses in lung: insights from the IgG immune complex model. <i>Free Radical Biology and Medicine</i> , 2002 , 33, 303-10	7.8	124
188	Regulatory role of C5a in LPS-induced IL-6 production by neutrophils during sepsis. <i>FASEB Journal</i> , 2004 , 18, 370-2	0.9	122
187	Novel chemokine responsiveness and mobilization of neutrophils during sepsis. <i>American Journal of Pathology</i> , 2004 , 165, 2187-96	5.8	122
186	The role of cytokines and adhesion molecules in the development of inflammatory injury. <i>Trends in Molecular Medicine</i> , 1995 , 1, 40-5		122
185	Protective effects of anti-C5a in sepsis-induced thymocyte apoptosis. <i>Journal of Clinical Investigation</i> , 2000 , 106, 1271-80	15.9	120
184	Regulation of inflammatory vascular damage. <i>Journal of Pathology</i> , 2000 , 190, 343-8	9.4	119

183	Role of CC chemokines (macrophage inflammatory protein-1 beta, monocyte chemoattractant protein-1, RANTES) in acute lung injury in rats. <i>Journal of Immunology</i> , 2000 , 164, 2650-9	5.3	119
182	Role of complement, chemokines, and regulatory cytokines in acute lung injury. <i>Annals of the New York Academy of Sciences</i> , 1996 , 796, 104-12	6.5	118
181	Essential role of alveolar macrophages in intrapulmonary activation of NF-kappaB. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999 , 20, 692-8	5.7	117
180	Evidence for a functional role of the second C5a receptor C5L2. <i>FASEB Journal</i> , 2005 , 19, 1003-5	0.9	114
179	Protective effects of anti-C5a peptide antibodies in experimental sepsis. <i>FASEB Journal</i> , 2001 , 15, 568-70.	0.9	114
178	Upregulation of phagocyte-derived catecholamines augments the acute inflammatory response. <i>PLoS ONE</i> , 2009 , 4, e4414	3.7	114
177	The harmful role of c5a on innate immunity in sepsis. <i>Journal of Innate Immunity</i> , 2010 , 2, 439-45	6.9	112
176	Measurement of intracellular fluorescence of human monocytes relative to oxidative metabolism. <i>Journal of Leukocyte Biology</i> , 1988 , 43, 304-10	6.5	111
175	An essential role for complement C5a in the pathogenesis of septic cardiac dysfunction. <i>Journal of Experimental Medicine</i> , 2006 , 203, 53-61	16.6	108
174	Therapeutic targeting of acute lung injury and acute respiratory distress syndrome. <i>Translational Research</i> , 2016 , 167, 183-91	11	107
173	Harmful and protective roles of neutrophils in sepsis. <i>Shock</i> , 2005 , 24, 40-7	3.4	105
172	Obesity and type 2 diabetes mellitus drive immune dysfunction, infection development, and sepsis mortality. <i>Journal of Leukocyte Biology</i> , 2018 , 104, 525-534	6.5	104
171	Oxidative stress: acute and progressive lung injury. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1203, 53-9	6.5	101
170	Requirement for interleukin-12 in the pathogenesis of warm hepatic ischemia/reperfusion injury in mice. <i>Hepatology</i> , 1999 , 30, 1448-53	11.2	99
169	Induction of M2 regulatory macrophages through the α -adrenergic receptor with protection during endotoxemia and acute lung injury. <i>Journal of Innate Immunity</i> , 2014 , 6, 607-18	6.9	98
168	Acute lung injury induced by lipopolysaccharide is independent of complement activation. <i>Journal of Immunology</i> , 2008 , 180, 7664-72	5.3	98
167	Role of C3, C5 and anaphylatoxin receptors in acute lung injury and in sepsis. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 946, 147-59	3.6	98
166	Role of endothelial chemokines and their receptors during inflammation. <i>Journal of Investigative Surgery</i> , 2011 , 24, 18-27	1.2	94

165	Regulation by C5a of neutrophil activation during sepsis. <i>Immunity</i> , 2003 , 19, 193-202	32.3	93
164	Molecular events in the cardiomyopathy of sepsis. <i>Molecular Medicine</i> , 2008 , 14, 327-36	6.2	90
163	Functions of C5a receptors. <i>Journal of Molecular Medicine</i> , 2009 , 87, 375-8	5.5	87
162	Role of IL-18 in acute lung inflammation. <i>Journal of Immunology</i> , 2001 , 167, 7060-8	5.3	87
161	Inhibition of the alternative complement activation pathway in traumatic brain injury by a monoclonal anti-factor B antibody: a randomized placebo-controlled study in mice. <i>Journal of Neuroinflammation</i> , 2007 , 4, 13	10.1	86
160	Stat3 activation in acute lung injury. <i>Journal of Immunology</i> , 2004 , 172, 7703-12	5.3	86
159	Mechanisms of the inhibition of chemotaxis by phosphonate esters. <i>Journal of Experimental Medicine</i> , 1967 , 125, 1001-20	16.6	86
158	C5 deficiency and C5a or C5aR blockade protects against cerebral malaria. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1133-43	16.6	82
157	Attenuation of half sulfur mustard gas-induced acute lung injury in rats. <i>Journal of Applied Toxicology</i> , 2006 , 26, 126-31	4.1	82
156	Leukocyte recruitment and the acute inflammatory response. <i>Brain Pathology</i> , 2000 , 10, 127-35	6	81
155	New approaches to the study of sepsis. <i>EMBO Molecular Medicine</i> , 2012 , 4, 1234-43	12	80
154	Expression and function of the C5a receptor in rat alveolar epithelial cells. <i>Journal of Immunology</i> , 2002 , 168, 1919-25	5.3	80
153	Inflammatory mediators, cytokines, and adhesion molecules in pulmonary inflammation and injury. <i>Advances in Immunology</i> , 1996 , 62, 257-304	5.6	80
152	Role of C5a-C5aR interaction in sepsis. <i>Shock</i> , 2004 , 21, 1-7	3.4	78
151	C5a receptor and thymocyte apoptosis in sepsis. <i>FASEB Journal</i> , 2002 , 16, 887-8	0.9	75
150	Role of extracellular histones in the cardiomyopathy of sepsis. <i>FASEB Journal</i> , 2015 , 29, 2185-93	0.9	73
149	Changes and regulation of the C5a receptor on neutrophils during septic shock in humans. <i>Journal of Immunology</i> , 2013 , 190, 4215-25	5.3	71
148	Reduced neuronal cell death after experimental brain injury in mice lacking a functional alternative pathway of complement activation. <i>BMC Neuroscience</i> , 2006 , 7, 55	3.2	71

147	Iloprost inhibits neutrophil-induced lung injury and neutrophil adherence to endothelial monolayers. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1990 , 3, 301-9	5.7	71
146	Increased C5a receptor expression in sepsis. <i>Journal of Clinical Investigation</i> , 2002 , 110, 101-8	15.9	71
145	Neutrophil C5a receptor and the outcome in a rat model of sepsis. <i>FASEB Journal</i> , 2003 , 17, 1889-91	0.9	69
144	Changes in the novel orphan, C5a receptor (C5L2), during experimental sepsis and sepsis in humans. <i>Journal of Immunology</i> , 2005 , 174, 1104-10	5.3	69
143	Inhibition of complement C5a prevents breakdown of the blood-brain barrier and pituitary dysfunction in experimental sepsis. <i>Critical Care</i> , 2009 , 13, R12	10.8	68
142	Anti-inflammatory effects of α adrenergic receptor agonists in experimental acute lung injury. <i>FASEB Journal</i> , 2012 , 26, 2137-44	0.9	68
141	Protection from half-mustard-gas-induced acute lung injury in the rat. <i>Journal of Applied Toxicology</i> , 2002 , 22, 257-62	4.1	68
140	Complement-induced activation of the cardiac NLRP3 inflammasome in sepsis. <i>FASEB Journal</i> , 2016 , 30, 3997-4006	0.9	67
139	Cross-talk between TLR4 and Fc γ ReceptorIII (CD16) pathways. <i>PLoS Pathogens</i> , 2009 , 5, e1000464	7.6	67
138	Mechanism of neutrophil-induced xanthine dehydrogenase to xanthine oxidase conversion in endothelial cells: evidence of a role for elastase. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1992 , 6, 270-8	5.7	67
137	Regulation of experimental lung inflammation. <i>Respiration Physiology</i> , 2001 , 128, 17-22		66
136	Relationship of acute lung inflammatory injury to Fas/FasL system. <i>American Journal of Pathology</i> , 2005 , 166, 685-94	5.8	65
135	Modulation of inflammation by interleukin-27. <i>Journal of Leukocyte Biology</i> , 2013 , 94, 1159-65	6.5	64
134	Altered neutrophil trafficking during sepsis. <i>Journal of Immunology</i> , 2002 , 169, 307-14	5.3	62
133	Studies on the adjuvant action of bacterial endotoxins on antibody formation. III. Histologic response of the rabbit spleen to a single injection of a purified protein antigen. <i>Journal of Experimental Medicine</i> , 1959 , 109, 463-74	16.6	62
132	Adhesion molecules in liver ischemia and reperfusion. <i>Journal of Surgical Research</i> , 2000 , 94, 185-94	2.5	60
131	STAT3 and suppressor of cytokine signaling 3: potential targets in lung inflammatory responses. <i>Expert Opinion on Therapeutic Targets</i> , 2007 , 11, 869-80	6.4	57
130	In vivo regulation of neutrophil apoptosis by C5a during sepsis. <i>Journal of Leukocyte Biology</i> , 2006 , 80, 1575-83	6.5	57

129	Inhibition of junctional adhesion molecule-A/LFA interaction attenuates leukocyte trafficking and inflammation in brain ischemia/reperfusion injury. <i>Neurobiology of Disease</i> , 2014 , 67, 57-70	7.5	56
128	Evidence for anti-inflammatory effects of C5a on the innate IL-17A/IL-23 axis. <i>FASEB Journal</i> , 2012 , 26, 1640-51	0.9	55
127	Regulatory role of C5a on macrophage migration inhibitory factor release from neutrophils. <i>Journal of Immunology</i> , 2004 , 173, 1355-9	5.3	55
126	Functions of the complement components C3 and C5 during sepsis. <i>FASEB Journal</i> , 2008 , 22, 3483-90	0.9	54
125	Heterogeneity of vascular endothelial cells: differences in susceptibility to neutrophil-mediated injury. <i>Microvascular Research</i> , 1998 , 56, 203-11	3.7	54
124	Sepsis, complement and the dysregulated inflammatory response. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 4154-60	5.6	53
123	Ability of antioxidant liposomes to prevent acute and progressive pulmonary injury. <i>Antioxidants and Redox Signaling</i> , 2008 , 10, 973-81	8.4	52
122	Partial biochemical characterization of the activated esterase required in the complement-dependent chemotaxis of rabbit polymorphonuclear leukocytes. <i>Journal of Experimental Medicine</i> , 1967 , 125, 1021-30	16.6	51
121	The phosphatidylinositol 3-kinase signaling pathway exerts protective effects during sepsis by controlling C5a-mediated activation of innate immune functions. <i>Journal of Immunology</i> , 2007 , 178, 5940-8	5.3	50
120	Generation of chemotactic activity in rabbit serum by plasminogen-streptokinase mixtures. <i>Journal of Experimental Medicine</i> , 1967 , 126, 149-58	16.6	50
119	Role of complement in in vitro and in vivo lung inflammatory reactions. <i>Journal of Leukocyte Biology</i> , 1998 , 64, 40-8	6.5	49
118	The requirement of serine esterase function in complement-dependent erythrophagocytosis. <i>Journal of Experimental Medicine</i> , 1969 , 130, 745-64	16.6	49
117	Structure-function relationships of human C5a and C5aR. <i>Journal of Immunology</i> , 2003 , 170, 6115-24	5.3	48
116	Suppression of acute and chronic inflammation by orally administered prostaglandins. <i>Arthritis and Rheumatism</i> , 1981 , 24, 1151-8		48
115	Anti-inflammatory effects of mutant forms of secretory leukocyte protease inhibitor. <i>American Journal of Pathology</i> , 2000 , 156, 1033-9	5.8	47
114	Complement in lung disease. <i>Autoimmunity</i> , 2006 , 39, 387-94	3	46
113	Oxidants and redox signaling in acute lung injury. <i>Comprehensive Physiology</i> , 2011 , 1, 1365-81	7.7	45
112	Complement dependency of cardiomyocyte release of mediators during sepsis. <i>FASEB Journal</i> , 2011 , 25, 2500-8	0.9	45

111	Disturbed homeostasis of lung intercellular adhesion molecule-1 and vascular cell adhesion molecule-1 during sepsis. <i>American Journal of Pathology</i> , 2004 , 164, 1435-45	5.8	45
110	Synergistic enhancement of chemokine generation and lung injury by C5a or the membrane attack complex of complement. <i>American Journal of Pathology</i> , 1999 , 154, 1513-24	5.8	44
109	Neutrophil adhesion to human endothelial cells is induced by the membrane attack complex: the roles of P-selectin and platelet activating factor. <i>Inflammation</i> , 1998 , 22, 583-98	5.1	43
108	Regulation of lung inflammation in the model of IgG immune-complex injury. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2006 , 1, 215-42	34	43
107	Endogenous regulation of the acute inflammatory response. <i>Molecular and Cellular Biochemistry</i> , 2002 , 234/235, 225-228	4.2	42
106	Complement-related molecular events in sepsis leading to heart failure. <i>Molecular Immunology</i> , 2007 , 44, 95-102	4.3	40
105	Role of nitric oxide in acute lung inflammation: lessons learned from the inducible nitric oxide synthase knockout mouse. <i>Critical Care Medicine</i> , 2002 , 30, 1960-8	1.4	40
104	Attenuation of IgG immune complex-induced acute lung injury by silencing C5aR in lung epithelial cells. <i>FASEB Journal</i> , 2009 , 23, 3808-18	0.9	39
103	C5a-blockade improves burn-induced cardiac dysfunction. <i>Journal of Immunology</i> , 2007 , 178, 7902-10	5.3	39
102	The complement anaphylatoxin C5a induces apoptosis in adrenomedullary cells during experimental sepsis. <i>PLoS ONE</i> , 2008 , 3, e2560	3.7	39
101	Zonulin as prehaptoglobin2 regulates lung permeability and activates the complement system. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013 , 304, L863-72	5.8	38
100	Activator protein-1 activation in acute lung injury. <i>American Journal of Pathology</i> , 2002 , 161, 275-82	5.8	38
99	New strategies for treatment of infectious sepsis. <i>Journal of Leukocyte Biology</i> , 2019 , 106, 187-192	6.5	38
98	Protein-based therapies for acute lung injury: targeting neutrophil extracellular traps. <i>Expert Opinion on Therapeutic Targets</i> , 2014 , 18, 703-14	6.4	37
97	Understanding Immunosuppression after Sepsis. <i>Immunity</i> , 2017 , 47, 3-5	32.3	37
96	Complement activation product C5a is a selective suppressor of TLR4-induced, but not TLR3-induced, production of IL-27(p28) from macrophages. <i>Journal of Immunology</i> , 2012 , 188, 5086-93	5.3	37
95	New developments in C5a receptor signaling. <i>Cell Health and Cytoskeleton</i> , 2012 , 4, 73-82		37
94	Recruitment of inflammatory cells into lung: roles of cytokines, adhesion molecules, and complement. <i>Translational Research</i> , 1997 , 129, 400-4		36

93	Role of the complement in experimental sepsis. <i>Journal of Leukocyte Biology</i> , 2008 , 83, 467-70	6.5	36
92	Complement Destabilizes Cardiomyocyte Function In Vivo after Polymicrobial Sepsis and In Vitro. <i>Journal of Immunology</i> , 2016 , 197, 2353-61	5.3	35
91	Selectin inhibition modulates Akt/MAPK signaling and chemokine expression after liver ischemia-reperfusion. <i>Journal of Investigative Surgery</i> , 2004 , 17, 303-13	1.2	35
90	Murine complement interactions with <i>Pseudomonas aeruginosa</i> and their consequences during pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003 , 29, 432-8	5.7	34
89	A key role of C5a/C5aR activation for the development of sepsis. <i>Journal of Leukocyte Biology</i> , 2003 , 74, 966-70	6.5	34
88	Divergent signaling pathways in phagocytic cells during sepsis. <i>Journal of Immunology</i> , 2006 , 177, 1306-13	3.3	33
87	Neutrophil depletion and chemokine response after liver ischemia and reperfusion. <i>Journal of Investigative Surgery</i> , 2001 , 14, 99-107	1.2	33
86	Hydrogen peroxide-induced cell and tissue injury: protective effects of Mn ²⁺ . <i>Inflammation</i> , 1991 , 15, 291-301	5.1	33
85	Diabetes and Sepsis: Risk, Recurrence, and Ruination. <i>Frontiers in Endocrinology</i> , 2017 , 8, 271	5.7	32
84	CD11c+ alveolar macrophages are a source of IL-23 during lipopolysaccharide-induced acute lung injury. <i>Shock</i> , 2013 , 39, 447-52	3.4	32
83	Esterases of the polymorphonuclear leukocyte capable of hydrolyzing acetyl DL-phenyl-alanine beta-naphthyl ester. Relationship to the activatable esterase of chemotaxis. <i>Journal of Experimental Medicine</i> , 1969 , 129, 569-84	16.6	32
82	Complement-induced activation of MAPKs and Akt during sepsis: role in cardiac dysfunction. <i>FASEB Journal</i> , 2017 , 31, 4129-4139	0.9	32
81	The sepsis seesaw: seeking a heart salve. <i>Nature Medicine</i> , 2009 , 15, 497-8	50.5	31
80	Complement and sepsis-induced heart dysfunction. <i>Molecular Immunology</i> , 2017 , 84, 57-64	4.3	30
79	Organ distribution of histones after intravenous infusion of FITC histones or after sepsis. <i>Immunologic Research</i> , 2015 , 61, 177-86	4.3	30
78	Acute lung injury and the role of histones. <i>Translational Respiratory Medicine</i> , 2014 , 2, 1		30
77	Experimental design of complement component 5a-induced acute lung injury (C5a-ALI): a role of CC-chemokine receptor type 5 during immune activation by anaphylatoxin. <i>FASEB Journal</i> , 2015 , 29, 3762-72	6.9	30
76	Interruption of macrophage-derived IL-27(p28) production by IL-10 during sepsis requires STAT3 but not SOCS3. <i>Journal of Immunology</i> , 2014 , 193, 5668-77	5.3	30

75	A historical perspective on sepsis. <i>American Journal of Pathology</i> , 2012 , 181, 2-7	5.8	30
74	The interaction between C5a and both C5aR and C5L2 receptors is required for production of G-CSF during acute inflammation. <i>European Journal of Immunology</i> , 2013 , 43, 1907-13	6.1	30
73	Differing patterns of P-selectin expression in lung injury. <i>American Journal of Pathology</i> , 1998 , 153, 1113-22	5.2	30
72	The molecular fingerprint of lung inflammation after blunt chest trauma. <i>European Journal of Medical Research</i> , 2015 , 20, 70	4.8	29
71	Therapeutic potential of targeting IL-17 and IL-23 in sepsis. <i>Clinical and Translational Medicine</i> , 2012 , 1, 4	5.7	29
70	Experimental Malaria in Pregnancy Induces Neurocognitive Injury in Uninfected Offspring via a C5a-C5a Receptor Dependent Pathway. <i>PLoS Pathogens</i> , 2015 , 11, e1005140	7.6	28
69	Adenoviral-mediated overexpression of SOCS3 enhances IgG immune complex-induced acute lung injury. <i>Journal of Immunology</i> , 2006 , 177, 612-20	5.3	28
68	Bidirectional Crosstalk between C5a Receptors and the NLRP3 Inflammasome in Macrophages and Monocytes. <i>Mediators of Inflammation</i> , 2016 , 2016, 1340156	4.3	28
67	The outcome of polymicrobial sepsis is independent of T and B cells. <i>Shock</i> , 2011 , 36, 396-401	3.4	27
66	Anti-inflammatory strategies for the treatment of sepsis. <i>Expert Opinion on Biological Therapy</i> , 2003 , 3, 339-50	5.4	27
65	Exogenous and endogenous nitric oxide but not iNOS inhibition improves function and survival of ischemically injured livers. <i>Journal of Investigative Surgery</i> , 2001 , 14, 267-73	1.2	27
64	Roles for C-X-C chemokines and C5a in lung injury after hindlimb ischemia-reperfusion. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1999 , 276, L57-63	5.8	27
63	MyD88-dependent production of IL-17F is modulated by the anaphylatoxin C5a via the Akt signaling pathway. <i>FASEB Journal</i> , 2011 , 25, 4222-32	0.9	26
62	Endothelial cell determinants of susceptibility to neutrophil-mediated killing. <i>Shock</i> , 1999 , 12, 111-7	3.4	26
61	Role of complement C5a and histones in septic cardiomyopathy. <i>Molecular Immunology</i> , 2018 , 102, 32-41	4.3	25
60	Role of chemotactic factors in neutrophil activation after thermal injury in rats. <i>Cellular and Molecular Neurobiology</i> , 1999 , 23, 371-85	4.6	25
59	New insights into cellular mechanisms during sepsis. <i>Immunologic Research</i> , 2006 , 34, 133-41	4.3	25
58	Regulatory effects of C5a on IL-17A, IL-17F, and IL-23. <i>Frontiers in Immunology</i> , 2012 , 3, 387	8.4	24

57	Role of C5 activation products in sepsis. <i>Scientific World Journal, The</i> , 2010 , 10, 2395-402	2.2	24
56	C5a, a therapeutic target in sepsis. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2006 , 1, 57-65	1.6	24
55	Persistent neutrophil dysfunction and suppression of acute lung injury in mice following cecal ligation and puncture sepsis. <i>Journal of Innate Immunity</i> , 2014 , 6, 695-705	6.9	23
54	Systemic and lung physiological changes in rats after intravascular activation of complement. <i>Journal of Applied Physiology</i> , 2001 , 90, 2289-95	3.7	23
53	Effects of adenosine on inositol 1,4,5-trisphosphate formation and intracellular calcium changes in formyl-Met-Leu-Phe-stimulated human neutrophils. <i>Journal of Leukocyte Biology</i> , 1990 , 48, 281-3	6.5	23
52	Regulation of IL-17 family members by adrenal hormones during experimental sepsis in mice. <i>American Journal of Pathology</i> , 2013 , 182, 1124-30	5.8	22
51	Manipulation of the complement system for benefit in sepsis. <i>Critical Care Research and Practice</i> , 2012 , 2012, 427607	1.5	22
50	Cytokine responses of human blood monocytes stimulated with Igs. <i>Inflammation</i> , 1997 , 21, 501-17	5.1	22
49	Cutting edge: critical role for C5aRs in the development of septic lymphopenia in mice. <i>Journal of Immunology</i> , 2015 , 194, 868-72	5.3	20
48	Fingerprinting of the TLR4-induced acute inflammatory response. <i>Experimental and Molecular Pathology</i> , 2012 , 93, 319-23	4.4	19
47	Regulatory effects of eotaxin on acute lung inflammatory injury. <i>Journal of Immunology</i> , 2001 , 166, 5208-18	5.18	19
46	Tyrosine kinase 2 promotes sepsis-associated lethality by facilitating production of interleukin-27. <i>Journal of Leukocyte Biology</i> , 2014 , 96, 123-31	6.5	18
45	New Insights into Molecular Mechanisms of Immune Complex-Induced Injury in Lung. <i>Frontiers in Immunology</i> , 2016 , 7, 86	8.4	18
44	Harmful Roles of TLR3 and TLR9 in Cardiac Dysfunction Developing during Polymicrobial Sepsis. <i>BioMed Research International</i> , 2018 , 2018, 4302726	3	18
43	Disturbances of the hypothalamic-pituitary-adrenal axis and plasma electrolytes during experimental sepsis. <i>Annals of Intensive Care</i> , 2011 , 1, 53	8.9	17
42	A comparative study of pulmonary fibrosis induced by bleomycin and an O ₂ metabolite producing enzyme system. <i>Chest</i> , 1983 , 83, 44S-45S	5.3	17
41	Endogenous regulation of the acute inflammatory response. <i>Molecular and Cellular Biochemistry</i> , 2002 , 234-235, 225-8	4.2	17
40	A sulfatide receptor distinct from L-selectin is involved in lymphocyte activation. <i>FEBS Letters</i> , 1997 , 418, 310-4	3.8	14

39	Selective Biological Responses of Phagocytes and Lungs to Purified Histones. <i>Journal of Innate Immunity</i> , 2017 , 9, 300-317	6.9	13
38	Blood mononuclear cell production of TNF-alpha and IL-8: engagement of different signal transduction pathways including the p42 MAP kinase pathway. <i>Journal of Leukocyte Biology</i> , 1998 , 64, 124-33	6.5	13
37	Regulatory effects of interleukin-11 during acute lung inflammatory injury. <i>Journal of Leukocyte Biology</i> , 1999 , 66, 151-157	6.5	13
36	Formyl peptide chemotaxis receptors on the rat neutrophil: experimental evidence for negative cooperativity. <i>Journal of Cellular Biochemistry</i> , 1985 , 27, 359-75	4.7	13
35	Complement as a Major Inducer of Harmful Events in Infectious Sepsis. <i>Shock</i> , 2020 , 54, 595-605	3.4	13
34	An endogenous factor mediates shock-induced injury. <i>Nature Medicine</i> , 2013 , 19, 1368-9	50.5	12
33	Anti-complement strategies in experimental sepsis. <i>Scandinavian Journal of Infectious Diseases</i> , 2003 , 35, 601-3		12
32	Molecular cloning and characterization of a novel human CC chemokine, SCYA26. <i>Genomics</i> , 1999 , 58, 313-7	4.3	12
31	GM-CSF Administration Improves Defects in Innate Immunity and Sepsis Survival in Obese Diabetic Mice. <i>Journal of Immunology</i> , 2019 , 202, 931-942	5.3	11
30	Disruption of Neutrophil Extracellular Traps (NETs) Links Mechanical Strain to Post-traumatic Inflammation. <i>Frontiers in Immunology</i> , 2019 , 10, 2148	8.4	10
29	Acute and Chronic Inflammation1-16		10
28	Better understanding of organ dysfunction requires proteomic involvement. <i>Journal of Proteome Research</i> , 2006 , 5, 1060-2	5.6	10
27	Mechanisms of inflammatory response syndrome in sepsis. <i>Drug Discovery Today Disease Mechanisms</i> , 2004 , 1, 345-350		9
26	Role of Complement and Histones in Sepsis. <i>Frontiers in Medicine</i> , 2020 , 7, 616957	4.9	8
25	Lung inflammation and damage induced by extracellular histones. <i>Inflammation and Cell Signaling</i> , 2014 , 1,		8
24	Adenovirus-mediated in vivo silencing of anaphylatoxin receptor C5aR. <i>Journal of Biomedicine and Biotechnology</i> , 2006 , 2006, 28945		8
23	Requirement of Complement C6 for Intact Innate Immune Responses in Mice. <i>Journal of Immunology</i> , 2020 , 205, 251-260	5.3	8
22	Complement-induced Impairment of the Innate Immune System During Sepsis. <i>Current Infectious Disease Reports</i> , 2005 , 7, 349-54	3.9	7

21	Complement-induced impairment of the innate immune system during sepsis. <i>Current Allergy and Asthma Reports</i> , 2004 , 4, 359-64	5.6	6
20	Cytokine and adhesion molecule requirements for lung injury induced by anti-glomerular basement membrane antibody. <i>Inflammation</i> , 1998 , 22, 403-17	5.1	5
19	Regulation of inflammatory vascular damage 2000 , 190, 343		3
18	Anti-inflammatory interventions-what has worked, not worked, and what may work in the future. <i>Translational Research</i> , 2016 , 167, 1-6	11	2
17	Resolvins on the way to resolution. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1142	16.6	2
16	Do MDL-1+ cells play a broad role in acute inflammation?. <i>Journal of Clinical Investigation</i> , 2011 , 121, 4234-7	15.9	2
15	The bipolar role of miR-466l in inflammation. <i>Immunity</i> , 2013 , 39, 801-2	32.3	1
14	The first fifty years in research. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2009 , 4, 1-18	34	1
13	Mechanisms of neutrophil-mediated injury. <i>Clinical and Experimental Immunology</i> , 1993 , 93 Suppl 1, 2	6.2	1
12	In vivo biological responses in the presence or absence of C3. <i>Advances in Experimental Medicine and Biology</i> , 2007 , 598, 240-50	3.6	1
11	Chapter 12 Endothelial cell injury and defense. <i>Advances in Molecular and Cell Biology</i> , 2005 , 335-364		0
10	Differential inflammatory responses of the native left and right ventricle associated with donor heart preservation. <i>Physiological Reports</i> , 2021 , 9, e15004	2.6	0
9	Complement System 2017 , 785-812		
8	Complement and Its Consequences in Sepsis 2019 , 504-507.e1		
7	On being a pathologist. <i>Human Pathology</i> , 2008 , 39, 1719-24	3.7	
6	The Role of the Endothelium in Systemic Inflammatory Response Syndrome and Sepsis 1294-1302		
5	Inflammatory Disorders 2007 , 1-5		
4	Role of Complement in Multi-Organ Dysfunction Syndrome 2004 , 465-480		

- 3 Functional Roles for C5a Receptors in Sepsis. *FASEB Journal*, **2008**, 22, 48.10 0.9
- 2 The Role of Complement in Sepsis **2009**, 794-798
- 1 Neuroendocrine Regulation Of The IL-27-Dependent Immune Response In Macrophages. *Blood*, **2013**, 122, 3460-3460 2.2