Georges E Grau

List of Publications by Year
in descending order

286 papers	24,861 citations	9254 74 h-index	8156 148 g-index
291 all docs	291 docs citations	291 times ranked	17765 citing authors

#	Article	IF	Citations
1	The inducing role of tumor necrosis factor in the development of bactericidal granulomas during BCG infection. Cell, 1989, 56, 731-740.	13.5	1,276
2	Tumor Necrosis Factor and Disease Severity in Children with Falciparum Malaria. New England Journal of Medicine, 1989, 320, 1586-1591.	13.9	846
3	Diagnostic Value of Procalcitonin, Interleukin-6, and Interleukin-8 in Critically Ill Patients Admitted with Suspected Sepsis. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 396-402.	2.5	799
4	Tumor necrosis factor (cachectin) as an essential mediator in murine cerebral malaria. Science, 1987, 237, 1210-1212.	6.0	780
5	Tumor Necrosis Factor and Interleuktn-1 in the Serum of Children with Severe Infectious Purpura. New England Journal of Medicine, 1988, 319, 397-400.	13.9	759
6	In vitro generation of endothelial microparticles and possible prothrombotic activity in patients with lupus anticoagulant. Journal of Clinical Investigation, 1999, 104, 93-102.	3.9	647
7	Tumor necrosis factor/cachectin is an effector of skin and gut lesions of the acute phase of graft-vs.-host disease.. Journal of Experimental Medicine, 1987, 166, 1280-1289.	4.2	601
8	Requirement of tumour necrosis factor for development of silica-induced pulmonary fibrosis. Nature, 1990, 344, 245-247.	13.7	598
9	Prognostic Values of Tumor Necrosis Factor/Cachectin, Interleukin-l, Interferon-Â, and Interferon-Â in the Serum of Patients with Septic Shock. Journal of Infectious Diseases, 1990, 161, 982-987.	1.9	573
10	Tumor necrosis factor/cachectin plays a key role in bleomycin-induced pneumopathy and fibrosis.. Journal of Experimental Medicine, 1989, 170, 655-663.	4.2	557
11	Immunological processes in malaria pathogenesis. Nature Reviews Immunology, 2005, 5, 722-735.	10.6	556
12	High Bronchoalveolar Levels of Tumor Necrosis Factor and Its Inhibitors, Interleukin-1, Interferon, and Elastase, in Patients with Adult Respiratory Distress Syndrome after Trauma, Shock, or Sepsis. The American Review of Respiratory Disease, 1992, 145, 1016-1022.	2.9	542
13	Cytokines: accelerators and brakes in the pathogenesis of cerebral malaria. Trends in Immunology, 2003, 24, 491-499.	2.9	419
14	A unified hypothesis for the genesis of cerebral malaria: sequestration, inflammation and hemostasis leading to microcirculatory dysfunction. Trends in Parasitology, 2006, 22, 503-508.	1.5	351
15	Tumor necrosis factor is a critical mediator in hapten induced irritant and contact hypersensitivity reactions.. Journal of Experimental Medicine, 1991, 173, 673-679.	4.2	330
16	Monoclonal antibody against interferon gamma can prevent experimental cerebral malaria and its associated overproduction of tumor necrosis factor.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 5572-5574.	3.3	315
17	Platelet Accumulation in Brain Microvessels in Fatal Pediatric Cerebral Malaria. Journal of Infectious Diseases, 2003, 187, 461-466.	1.9	300
18	Plasma concentrations of cytokines, their soluble receptors, and antioxidant vitamins can predict the development of multiple organ failure in patients at risk. Critical Care Medicine, 1996, 24, 392-397.	0.4	285

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19	Membrane microparticles mediate transfer of P-glycoprotein to drug sensitive cancer cells. Leukemia, 2009, 23, 1643-1649.	3.3	277
20	Recombinant soluble tumor necrosis factor receptor proteins protect mice from lipopolysaccharide-induced lethality. European Journal of Immunology, 1991, 21, 2883-2886.	1.6	258
21	The Role of Animal Models for Research on Severe Malaria. PLoS Pathogens, 2012, 8, e1002401.	2.1	258
22	Tumor-Necrosis Factor and other Cytokines in Cerebral Malaria: Experimental and Clinical Data. Immunological Reviews, 1989, 112, 49-70.	2.8	257
23	Cytokine-related syndrome following injection of anti-CD3 monoclonal antibody: Further evidence for transientin vivo T cell activation. European Journal of Immunology, 1990, 20, 509-515.	1.6	252
24	Current perspectives on the mechanism of action of artemisinins. International Journal for Parasitology, 2006, 36, 1427-1441.	1.3	251
25	Pathogenesis of Cerebral Malaria: Recent Experimental Data and Possible Applications for Humans. Clinical Microbiology Reviews, 2001, 14, 810-820.	5.7	217
26	Glioma microvesicles carry selectively packaged coding and non-coding RNAs which alter gene expression in recipient cells. RNA Biology, 2013, 10, 1333-1344.	1.5	210
27	Dynamics of fever and serum levels of tumor necrosis factor are closely associated during clinical paroxysms in Plasmodium vivax malaria.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 3200-3203.	3.3	207
28	Interleukin 1 receptor antagonist (IL-1ra) prevents or cures pulmonary fibrosis elicited in mice by bleomycin or silica. Cytokine, 1993, 5, 57-61.	1.4	206
29	Parasite-Derived Plasma Microparticles Contribute Significantly to Malaria Infection-Induced Inflammation through Potent Macrophage Stimulation. PLoS Pathogens, 2010, 6, e1000744.	2.1	194
30	Tumor necrosis factor in the pathogenesis of infectious diseases. Critical Care Medicine, 1993, 21, S436.	0.4	191
31	Association between protective efficacy of anti-lipopolysaccharide (LPS) antibodies and suppression of LPS-induced tumor necrosis factor alpha and interleukin 6. Comparison of O side chain-specific antibodies with core LPS antibodies.. Journal of Experimental Medicine, 1990, 171, 889-896.	4.2	180
32	Circulating Endothelial Microparticles in Malawian Children With Severe Falciparum Malaria Complicated With ComaRESEARCH LETTERS. JAMA - Journal of the American Medical Association, 2004, 291, 2542-4.	3.8	176
33	Crucial role of tumor necrosis factor (TNF) receptor 2 and membrane-bound TNF in experimental cerebral malaria. European Journal of Immunology, 1997, 27, 1719-1725.	1.6	166
34	Interleukinâ€10 modulates susceptibility in experimental cerebral malaria. Immunology, 1997, 91, 536-540.	2.0	164
35	Chemical alterations to murine brain tissue induced by formalin fixation: implications for biospectroscopic imaging and mapping studies of disease pathogenesis. Analyst, The, 2011, 136, 2941.	1.7	163
36	ABCA1 Gene Deletion Protects against Cerebral Malaria. American Journal of Pathology, 2005, 166, 295-302.	1.9	158

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37	The responses of osteoblasts, osteoclasts and endothelial cells to zirconium modified calcium-silicate-based ceramic. Biomaterials, 2008, 29, 4392-4402.	5.7	158
38	Imaging Experimental Cerebral Malaria In Vivo: Significant Role of Ischemic Brain Edema. Journal of Neuroscience, 2005, 25, 7352-7358.	1.7	151
39	Microparticles and their emerging role in cancer multidrug resistance. Cancer Treatment Reviews, 2012, 38, 226-234.	3.4	146
40	Platelets ReorientPlasmodium falciparumâ€"Infected Erythrocyte Cytoadhesion to Activated Endothelial Cells. Journal of Infectious Diseases, 2004, 189, 180-189.	1.9	144
41	Host- and Microbiota-Derived Extracellular Vesicles, Immune Function, and Disease Development. International Journal of Molecular Sciences, 2020, 21, 107.	1.8	142
42	Cytokines kill malaria parasites during infection crisis: extracellular complementary factors are essential.. Journal of Experimental Medicine, 1991, 173, 523-529.	4.2	138
43	Circulating Red Cellâ€"derived Microparticles in Human Malaria. Journal of Infectious Diseases, 2011, 203, 700-706.	1.9	138
44	Transgenic mice expressing high levels of soluble TNF-R1 fusion protein are protected from lethal septic shock and cerebral malaria, and are highly sensitive toListeria monocytogenes andLeishmania major infections. European Journal of Immunology, 1995, 25, 2401-2407.	1.6	133
45	Platelets Potentiate Brain Endothelial Alterations Induced by Plasmodium falciparum. Infection and Immunity, 2006, 74, 645-653.	1.0	133
46	Tumor Necrosis Factor and Severe Malaria. Journal of Infectious Diseases, 1991, 163, 96-101.	1.9	130
47	Elevated Cell-Specific Microparticles Are a Biological Marker for Cerebral Dysfunctions in Human Severe Malaria. PLoS ONE, 2010, 5, e13415.	1.1	130
48	Late administration of monoclonal antibody to leukocyte function-antigen 1 abrogates incipient murine cerebral malaria. European Journal of Immunology, 1991, 21, 2265-2267.	1.6	126
49	Cerebral malaria: role of microparticles and platelets in alterations of the bloodâ€"brain barrier. International Journal for Parasitology, 2006, 36, 541-546.	1.3	121
50	Humoral Immune Responses in Volunteers Immunized with Irradiated Plasmodium falciparum Sporozoites. American Journal of Tropical Medicine and Hygiene, 1993, 49, 166-173.	0.6	118
51	Rapid activation of endothelial cells enables Plasmodium falciparum adhesion to platelet-decorated von Willebrand factor strings. Blood, 2010, 115, 1472-1474.	0.6	112
52	The CTLA-4 and PD-1/PD-L1 Inhibitory Pathways Independently Regulate Host Resistance to Plasmodium-induced Acute Immune Pathology. PLoS Pathogens, 2012, 8, e1002504.	2.1	110
53	Microparticleâ€associated nucleic acids mediate trait dominance in cancer. FASEB Journal, 2012, 26, 420-429.	0.2	108
54	Correlation of tumor necrosis factor levels in the serum and cerebrospinal fluid with clinical outcome in Japanese encephalitis patients. Journal of Medical Virology, 1997, 51, 132-136.	2.5	105

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55	Severe Plasmodium falciparum Malaria Is Associated with Circulating Ultra-Large von Willebrand Multimers and ADAMTS13 Inhibition. PLoS Pathogens, 2009, 5, e1000349.	2.1	105
56	Serum Profiles of Interleukin-6, Interleukin-8, and Interleukin-10 in Patients with Severe and Mild Acute Pancreatitis. Pancreas, 1999, 18, 371-377.	0.5	104
57	Platelet microparticles: a new player in malaria parasite cytoadherence to human brain endothelium. FASEB Journal, 2009, 23, 3449-3458.	0.2	103
58	Prevention of experimental cerebral malaria by anticytokine antibodies. Interleukin 3 and granulocyte macrophage colony-stimulating factor are intermediates in increased tumor necrosis factor production and macrophage accumulation.. Journal of Experimental Medicine, 1988, 168, 1499-1504.	4.2	101
59	Protection against cerebral malaria by the low-molecular-weight thiol pantethine. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1321-1326.	3.3	99
60	Tumor Necrosis Factor-Î± and Angiostatin Are Mediators of Endothelial Cytotoxicity in Bronchoalveolar Lavages of Patients with Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 651-656.	2.5	98
61	Murine Cerebral Malaria Development Is Independent of Toll-Like Receptor Signaling. American Journal of Pathology, 2007, 170, 1640-1648.	1.9	93
62	Microparticle conferred microRNA profiles - implications in the transfer and dominance of cancer traits. Molecular Cancer, 2012, 11, 37.	7.9	93
63	Interleukin 6 production in experimental cerebral malaria: modulation by anticytokine antibodies and possible role in hypergammaglobulinemia.. Journal of Experimental Medicine, 1990, 172, 1505-1508.	4.2	92
64	Breast Cancer-Derived Microparticles Display Tissue Selectivity in the Transfer of Resistance Proteins to Cells. PLoS ONE, 2013, 8, e61515.	1.1	92
65	TGF-Î²1 Released from Activated Platelets Can Induce TNF-Stimulated Human Brain Endothelium Apoptosis: A New Mechanism for Microvascular Lesion during Cerebral Malaria. Journal of Immunology, 2006, 176, 1180-1184.	0.4	91
66	Prediction of Accelerated Cure in Plasmodium falciparum Malaria by the Elevated Capacity of Tumor Necrosis Factor Production. American Journal of Tropical Medicine and Hygiene, 1995, 53, 532-538.	0.6	91
67	Plasmodium falciparum Adhesion on Human Brain Microvascular Endothelial Cells Involves Transmigration-Like Cup Formation and Induces Opening of Intercellular Junctions. PLoS Pathogens, 2010, 6, e1001021.	2.1	90
68	Cryptococcal transmigration across a model brain blood-barrier: evidence of the Trojan horse mechanism and differences between Cryptococcus neoformans var. grubii strain H99 and Cryptococcus gattii strain R265. Microbes and Infection, 2016, 18, 57-67.	1.0	89
69	P-cresol, a uremic toxin, decreases endothelial cell response to inflammatory cytokines. Kidney International, 2002, 62, 1999-2009.	2.6	88
70	Murine cerebral malaria: the whole story. Trends in Parasitology, 2010, 26, 272-274.	1.5	87
71	Severe malaria: whatâ€™s new on the pathogenesis front?. International Journal for Parasitology, 2017, 47, 145-152.	1.3	87
72	Microvesiculation and cell interactions at the brainâ€“endothelial interface in cerebral malaria pathogenesis. Progress in Neurobiology, 2010, 91, 140-151.	2.8	82

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73	Contribution of Tumor Necrosis Factor to Host Defense against Staphylococci in a Guinea Pig Model of Foreign Body Infections. Journal of Infectious Diseases, 1992, 166, 58-64.	1.9	79
74	Assaying tumor necrosis factor concentrations in human serum a WHO International Collaborative Study. Journal of Immunological Methods, 1995, 182, 107-114.	0.6	77
75	A contrast agent recognizing activated platelets reveals murine cerebral malaria pathology undetectable by conventional MRI. Journal of Clinical Investigation, 2008, 118, 1198-207.	3.9	77
76	TNF inhibition and sepsis â€" sounding a cautionary note. Nature Medicine, 1997, 3, 1193-1195.	15.2	76
77	Endocytosis and intracellular processing of platelet microparticles by brain endothelial cells. Journal of Cellular and Molecular Medicine, 2012, 16, 1731-1738.	1.6	76
78	Cerebral Malaria - A Neurovascular Pathology with Many Riddles Still to be Solved. Current Neurovascular Research, 2004, 1, 91-110.	0.4	75
79	The lectin-like domain of tumor necrosis factor-Î± increases membrane conductance in microvascular endothelial cells and peritoneal macrophages. European Journal of Immunology, 1999, 29, 3105-3111.	1.6	74
80	Effective Treatment of the Pulmonary Fibrosis Elicited in Mice by Bleomycin or Silica with Anti-CD-11 Antibodies. The American Review of Respiratory Disease, 1993, 147, 435-441.	2.9	73
81	TNF receptors in the microvascular pathology of acute respiratory distress syndrome and cerebral malaria. Journal of Leukocyte Biology, 1997, 61, 551-558.	1.5	72
82	Cerebral malaria pathogenesis: revisiting parasite and host contributions. Future Microbiology, 2012, 7, 291-302.	1.0	72
83	Microparticles mediate MRP1 intercellular transfer and the re-templating of intrinsic resistance pathways. Pharmacological Research, 2013, 76, 77-83.	3.1	72
84	Production, Fate and Pathogenicity of Plasma Microparticles in Murine Cerebral Malaria. PLoS Pathogens, 2014, 10, e1003839.	2.1	72
85	Endothelial Microparticles Interact with and Support the Proliferation of T Cells. Journal of Immunology, 2014, 193, 3378-3387.	0.4	71
86	Direct cell/cell contact with stimulated T lymphocytes induces the expression of cell adhesion molecules and cytokines by human brain microvascular endothelial cells. European Journal of Immunology, 1996, 26, 3107-3113.	1.6	69
87	Acute Systemic Reaction and Lung Alterations Induced by an Antiplatelet Integrin gpIIb/IIIa Antibody in Mice. Blood, 1999, 94, 684-693.	0.6	69
88	Anti-tumor necrosis factor modulates anti-CD3-triggered T cell cytokine gene expression in vivo.. Journal of Clinical Investigation, 1994, 93, 2189-2196.	3.9	69
89	Tumor necrosis factor alpha is involved in mouse growth and lymphoid tissue development.. Journal of Experimental Medicine, 1992, 176, 1259-1264.	4.2	67
90	T lymphocyte interferon-gamma production induced by Plasmodium falciparum antigen is high in recently infected non-immune and low in immune subjects. Clinical and Experimental Immunology, 2008, 79, 95-99.	1.1	67

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91	Real-Time Imaging Reveals the Dynamics of Leukocyte Behaviour during Experimental Cerebral Malaria Pathogenesis. PLoS Pathogens, 2014, 10, e1004236.	2.1	67
92	Microparticle drug sequestration provides a parallel pathway in the acquisition of cancer drug resistance. European Journal of Pharmacology, 2013, 721, 116-125.	1.7	66
93	Pathophysiology of Cerebral Malaria. Annals of the New York Academy of Sciences, 2003, 992, 30-38.	1.8	65
94	Platelet-endothelial cell interactions in cerebral malaria: The end of a cordial understanding. Thrombosis and Haemostasis, 2009, 102, 1093-1102.	1.8	64
95	Vascular endothelial cells cultured from patients with cerebral or uncomplicated malaria exhibit differential reactivity to TNF. Cellular Microbiology, 2011, 13, 198-209.	1.1	64
96	Fatal Pediatric Cerebral Malaria Is Associated with Intravascular Monocytes and Platelets That Are Increased with HIV Coinfection. MBio, 2015, 6, e01390-15.	1.8	64
97	Serum tumour necrosis factor in newborns at risk for infections. European Journal of Pediatrics, 1990, 149, 645-647.	1.3	63
98	Cell vesiculation and immunopathology: implications in cerebral malaria. Microbes and Infection, 2006, 8, 2305-2316.	1.0	63
99	Respective role of TNF receptors in the development of experimental cerebral malaria. Journal of Neuroimmunology, 1997, 72, 143-148.	1.1	62
100	An in vitro blood-brain barrier model: Cocultures between endothelial cells and organotypic brain slice cultures. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 1840-1845.	3.3	62
101	Delayed Mortality and Attenuated Thrombocytopenia Associated with Severe Malaria in Urokinase- and Urokinase Receptor-Deficient Mice. Infection and Immunity, 2000, 68, 3822-3829.	1.0	62
102	Inhibition of Endothelial Activation: A New Way to Treat Cerebral Malaria?. PLoS Medicine, 2005, 2, e245.	3.9	62
103	Plateletâ€Induced Clumping of<i>Plasmodium falciparum</i>â€“Infected Erythrocytes from Malawian Patients with Cerebral Malariaâ€”Possible Modulation In Vivo by Thrombocytopenia. Journal of Infectious Diseases, 2008, 197, 72-78.	1.9	62
104	Plasma Cytokine Levels in Hemolytic Uremic Syndrome. Nephron, 1995, 71, 309-313.	0.9	61
105	The role of reactive nitrogen intermediates in modulation of gametocyte infectivity of rodent malaria parasites. Parasite Immunology, 1993, 15, 21-26.	0.7	59
106	Role of platelet adhesion in homeostasis and immunopathology.. Journal of Clinical Pathology, 1997, 50, 175-185.	2.1	59
107	Differential reactivity of brain microvascular endothelial cells to TNF reflects the genetic susceptibility to cerebral malaria. European Journal of Immunology, 1998, 28, 3989-4000.	1.6	58
108	Pathogenic Role of P-Selectin in Experimental Cerebral Malaria. American Journal of Pathology, 2004, 164, 781-786.	1.9	58

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109	Technical Advance: Autofluorescence as a tool for myeloid cell analysis. Journal of Leukocyte Biology, 2010, 88, 597-603.	1.5	58
110	Both TNF receptors are required for direct TNF-mediated cytotoxicity in microvascular endothelial cells. European Journal of Immunology, 1998, 28, 3577-3586.	1.6	56
111	Malaria: modification of the red blood cell and consequences in the human host. British Journal of Haematology, 2011, 154, 670-679.	1.2	56
112	Stem Cell-Derived Extracellular Vesicles for Treating Joint Injury and Osteoarthritis. Nanomaterials, 2019, 9, 261.	1.9	56
113	Coincident parasite and CD8 T cell sequestration is required for development of experimental cerebral malaria. International Journal for Parasitology, 2011, 41, 155-163.	1.3	55
114	Cerebral malaria: gamma-interferon redux. Frontiers in Cellular and Infection Microbiology, 2014, 4, 113.	1.8	55
115	Significance of cytokine production and adhesion molecules in malarial immunopathology. Immunology Letters, 1990, 25, 189-194.	1.1	54
116	TNF inhibits malaria hepatic stages in vitro via synthesis of IL-6. International Immunology, 1991, 3, 317-321.	1.8	54
117	The Microcirculation in Severe Malaria. Microcirculation, 2004, 11, 559-576.	1.0	52
118	Targeting Vascular Endothelial-Cadherin in Tumor-Associated Blood Vessels Promotes T-cellâ€"Mediated Immunotherapy. Cancer Research, 2017, 77, 4434-4447.	0.4	52
119	Circulating plasma receptors for tumour necrosis factor in Malawian children with severe falciparum malaria. Cytokine, 1993, 5, 604-609.	1.4	51
120	Gene expression analysis reveals early changes in several molecular pathways in cerebral malaria-susceptible mice versus cerebral malaria-resistant mice. BMC Genomics, 2007, 8, 452.	1.2	51
121	Differential MicroRNA Expression in Experimental Cerebral and Noncerebral Malaria. Infection and Immunity, 2011, 79, 2379-2384.	1.0	51
122	The Poly-cistronic miR-23-27-24 Complexes Target Endothelial Cell Junctions: Differential Functional and Molecular Effects of miR-23a and miR-23b. Molecular Therapy - Nucleic Acids, 2016, 5, e354.	2.3	51
123	Geneâ€Expression Profiling Discriminates between Cerebral Malaria (CM)â€"Susceptible Mice and CMâ€Resistant Mice. Journal of Infectious Diseases, 2006, 193, 312-321.	1.9	50
124	Microparticles from Mycobacteria-Infected Macrophages Promote Inflammation and Cellular Migration. Journal of Immunology, 2013, 190, 669-677.	0.4	50
125	Magnetic Resonance Spectroscopy Reveals an Impaired Brain Metabolic Profile in Mice Resistant to Cerebral Malaria Infected with Plasmodium berghei ANKA. Journal of Biological Chemistry, 2007, 282, 14505-14514.	1.6	49
126	Cytoadherence of Plasmodium berghei-Infected Red Blood Cells to Murine Brain and Lung Microvascular Endothelial Cells <i>In Vitro</i>. Infection and Immunity, 2013, 81, 3984-3991.	1.0	49

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127	Bronchial epithelial cell extracellular vesicles ameliorate epithelialâ€“mesenchymal transition in COPD pathogenesis by alleviating M2 macrophage polarization. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 18, 259-271.	1.7	49
128	The crossroads of neuroinflammation in infectious diseases: endothelial cells and astrocytes. Trends in Parasitology, 2012, 28, 311-319.	1.5	48
129	Brain microvascular endothelial cells and leukocytes derived from patients with multiple sclerosis exhibit increased adhesion capacity. NeuroReport, 1997, 8, 629-633.	0.6	47
130	An effector role for platelets in systemic and local lipopolysaccharide-induced toxicity in mice, mediated by a CD11a- and CD54-dependent interaction with endothelium. Infection and Immunity, 1993, 61, 4182-4187.	1.0	47
131	Cascade modulation by anti-tumor necrosis factor monoclonal antibody of interferon-Î³, interleukin 3 and interleukin 6 release after triggering of the CD33/T cell receptor activation pathway. European Journal of Immunology, 1991, 21, 2349-2353.	1.6	46
132	Role of cytokines and adhesion molecules in malaria immunopathology. Stem Cells, 1993, 11, 41-48.	1.4	46
133	Haemostatic Properties of Human Pulmonary and Cerebral Microvascular Endothelial Cells. Thrombosis and Haemostasis, 1997, 77, 585-590.	1.8	45
134	Regulation of parathyroid hormone-related protein production in a human lung squamous cell carcinoma line. Journal of Endocrinology, 1994, 143, 333-341.	1.2	44
135	Both Functional LTÎ² Receptor and TNF Receptor 2 Are Required for the Development of Experimental Cerebral Malaria. PLoS ONE, 2008, 3, e2608.	1.1	44
136	Cooperation between Î²â€•and Î³â€•cytoplasmic actins in the mechanical regulation of endothelial microparticle formation. FASEB Journal, 2013, 27, 672-683.	0.2	44
137	The Ins and Outs of Cerebral Malaria Pathogenesis: Immunopathology, Extracellular Vesicles, Immunometabolism, and Trained Immunity. Frontiers in Immunology, 2019, 10, 830.	2.2	44
138	Anti-parasite effects of cytokines in malaria. Immunology Letters, 1990, 25, 217-220.	1.1	43
139	Protective Effect of N-Acetylcysteine in Hapten-Induced Irritant and Contact Hypersensitivity Reactions. Journal of Investigative Dermatology, 1994, 102, 934-937.	0.3	42
140	CNS Hypoxia Is More Pronounced in Murine Cerebral than Noncerebral Malaria and Is Reversed by Erythropoietin. American Journal of Pathology, 2011, 179, 1939-1950.	1.9	42
141	Involvement of Tumour Necrosis Factor and Other Cytokines in Immune-Mediated Vascular Pathology. International Archives of Allergy and Immunology, 1989, 88, 34-39.	0.9	41
142	Cell-Derived Microparticles: New Targets in the Therapeutic Management of Disease. Journal of Pharmacy and Pharmaceutical Sciences, 2013, 16, 238.	0.9	41
143	A novel role for von Willebrand factor in the pathogenesis of experimental cerebral malaria. Blood, 2016, 127, 1192-1201.	0.6	41
144	Role of Granulocyte-Macrophage Colony-Stimulating Factor in Pulmonary Fibrosis Induced in Mice by Bleomycin. Experimental Lung Research, 1993, 19, 579-587.	0.5	40

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145	The Brain Microvascular Endothelium Supports T Cell Proliferation and Has Potential for Alloantigen Presentation. PLoS ONE, 2013, 8, e52586.	1.1	40
146	Platelets activate a pathogenic response to blood-stage Plasmodium infection but not a protective immune response. Blood, 2017, 129, 1669-1679.	0.6	39
147	Serum tumor necrosis factor and interleukin 1 in leprosy and during lepra reactions. Clinical Immunology and Immunopathology, 1992, 63, 23-27.	2.1	38
148	Dengue virus infection of human microvascular endothelial cells from different vascular beds promotes both common and specific functional changes. Journal of Medical Virology, 2006, 78, 229-242.	2.5	38
149	HDL Interfere with the Binding of T Cell Microparticles to Human Monocytes to Inhibit Pro-Inflammatory Cytokine Production. PLoS ONE, 2010, 5, e11869.	1.1	38
150	The Early Innate Immune Response to, and Phagocyte-Dependent Entry of, Cryptococcus neoformans Map to the Perivascular Space of Cortical Post-Capillary Venules in Neurocryptococcosis. American Journal of Pathology, 2018, 188, 1653-1665.	1.9	37
151	Tumour necrosis factor, interleukin-6, and malaria. Lancet, The, 1991, 337, 1098.	6.3	36
152	Single-cell clones of liver cancer stem cells have the potential of differentiating into different types of tumor cells. Cell Death and Disease, 2013, 4, e857-e857.	2.7	36
153	The kynurenine pathway and parasitic infections that affect CNS function. Neuropharmacology, 2017, 112, 389-398.	2.0	36
154	Hepatic phase of malaria is the target of cellular mechanisms induced by the previous and the subsequent stages. A crucial role for liver nonparenchymal cells. Immunology Letters, 1990, 25, 65-70.	1.1	35
155	Repeated Endotoxin Treatment Decreases Immune and Hypothalamo-Pituitary-Adrenal Axis Responses: Effects of Orchidectomy and Testosterone Therapy. Neuroendocrinology, 1995, 62, 348-355.	1.2	35
156	Antiangiogenic Effect of Erythromycin: An In Vitro Model ofBartonella quintanaInfection. Journal of Infectious Diseases, 2006, 193, 380-386.	1.9	35
157	Differentially expressed microRNAs in experimental cerebral malaria and their involvement in endocytosis, adherens junctions, FoxO and TGF-Î² signalling pathways. Scientific Reports, 2018, 8, 11277.	1.6	35
158	Endotoxin-Induced Monocytic Microparticles Have Contrasting Effects on Endothelial Inflammatory Responses. PLoS ONE, 2014, 9, e91597.	1.1	35
159	Cellular communication via microparticles: role in transfer of multidrug resistance in cancer. Future Oncology, 2014, 10, 655-669.	1.1	34
160	Exploring experimental cerebral malaria pathogenesis through the characterisation of host-derived plasma microparticle protein content. Scientific Reports, 2016, 6, 37871.	1.6	34
161	Pho4 Is Essential for Dissemination of Cryptococcus neoformans to the Host Brain by Promoting Phosphate Uptake and Growth at Alkaline pH. MSphere, 2017, 2, .	1.3	34
162	Demonstration of anti-disease immunity to Plasmodium vivax malaria in Sri Lanka using a quantitative method to assess clinical disease.. American Journal of Tropical Medicine and Hygiene, 1998, 58, 204-210.	0.6	34

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163	Expression of major histocompatibility complex antigens on mouse brain microvascular endothelial cells in relation to susceptibility to cerebral malaria. Immunology, 1997, 92, 53-59.	2.0	32
164	Requirement for Tumor Necrosis Factor Receptor 2 Expression on Vascular Cells To Induce Experimental Cerebral Malaria. Infection and Immunity, 2002, 70, 5857-5859.	1.0	32
165	Phenotypic and Functional Differences between Human Liver Cancer Endothelial Cells and Liver Sinusoidal Endothelial Cells. Journal of Vascular Research, 2008, 45, 78-86.	0.6	32
166	Platelets Alter Gene Expression Profile in Human Brain Endothelial Cells in an In Vitro Model of Cerebral Malaria. PLoS ONE, 2011, 6, e19651.	1.1	32
167	Interplay of extracellular vesicles and other players in cerebral malaria pathogenesis. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 325-331.	1.1	31
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