Georges E Grau

List of Publications by Year
in descending order

286 papers	24,861 citations	9264 74 h-index	8163 148 g-index
291 all docs	291 docs citations	291 times ranked	17765 citing authors

#	Article	IF	Citations
1	Circulating Memory B Cells in Early Multiple Sclerosis Exhibit Increased IgA+ Cells, Globally Decreased BAFF-R Expression and an EBV-Related IgM+ Cell Signature. Frontiers in Immunology, 2022, 13, 812317.	4.8	10
2	Peripheral Bâ€cell dysregulation is associated with relapse after longâ€term quiescence in patients with multiple sclerosis. Immunology and Cell Biology, 2022, 100, 453-467.	2.3	13
3	Extracellular Vesicles and Cerebral Malaria. Sub-Cellular Biochemistry, 2021, 97, 501-508.	2.4	1
4	Perivascular macrophages create an intravascular niche for CD8⁺ T cell localisation prior to the onset of fatal experimental cerebral malaria. Clinical and Translational Immunology, 2021, 10, e1273.	3.8	13
5	Are In Vitro Human Bloodâ€“Brainâ€“Tumor-Barriers Suitable Replacements for In Vivo Models of Brain Permeability for Novel Therapeutics?. Cancers, 2021, 13, 955.	3.7	21
6	Extracellular Vesicles from Mesenchymal Stromal Cells for the Treatment of Inflammation-Related Conditions. International Journal of Molecular Sciences, 2021, 22, 3023.	4.1	27
7	Host- and Microbiota-Derived Extracellular Vesicles, Immune Function, and Disease Development. International Journal of Molecular Sciences, 2020, 21, 107.	4.1	142
8	Selective modulation of trans-endothelial migration of lymphocyte subsets in multiple sclerosis patients under fingolimod treatment. Journal of Neuroimmunology, 2020, 349, 577392.	2.3	13
9	Targeting of externalized Î±B-crystallin on irradiated endothelial cells with pro-thrombotic vascular targeting agents: Potential applications for brain arteriovenous malformations. Thrombosis Research, 2020, 189, 119-127.	1.7	3
10	IgG 3 + B cells are associated with the development of multiple sclerosis. Clinical and Translational Immunology, 2020, 9, e01133.	3.8	23
11	Extracellular vesicles as biomarkers in malignant pleural mesothelioma: A review. Critical Reviews in Oncology/Hematology, 2020, 150, 102949.	4.4	20
12	Retrospective Evaluation of the Use of Pembrolizumab in Malignant Mesothelioma in a Real-World Australian Population. JTO Clinical and Research Reports, 2020, 1, 100075.	1.1	8
13	Basic insights into Zika virus infection of neuroglial and brain endothelial cells. Journal of General Virology, 2020, 101, 622-634.	2.9	12
14	CD8+ T cells and human cerebral malaria: a shifting episteme. Journal of Clinical Investigation, 2020, 130, 1109-1111.	8.2	20
15	Mass cytometry provides unprecedented insight into the role of B cells during the pathogenesis of multiple sclerosis. Advances in Clinical Neuroscience & Rehabilitation: ACNR, 2020, 19, 12-14.	0.1	0
16	Extracellular vesicles and microvascular pathology: Decoding the active dialogue. Microcirculation, 2019, 26, e12485.	1.8	13
17	Inhibition of Interleukin 1Î² Signaling by Anakinra Ameliorates Proinflammatory Cytokine Responses in Zika Virusâ€“Infected Human Blood-Brain Barrier Endothelial Cells. Journal of Infectious Diseases, 2019, 220, 1539-1540.	4.0	1
18	Falcipain Inhibitors Based on the Natural Product Gallinamide A Are Potent in Vitro and in Vivo Antimalarials. Journal of Medicinal Chemistry, 2019, 62, 5562-5578.	6.4	26

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19	The Ins and Outs of Cerebral Malaria Pathogenesis: Immunopathology, Extracellular Vesicles, Immunometabolism, and Trained Immunity. Frontiers in Immunology, 2019, 10, 830.	4.8	44
20	Citrulline protects mice from experimental cerebral malaria by ameliorating hypoargininemia, urea cycle changes and vascular leak. PLoS ONE, 2019, 14, e0213428.	2.5	11
21	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.	3.3	49
22	Stem Cell-Derived Extracellular Vesicles for Treating Joint Injury and Osteoarthritis. Nanomaterials, 2019, 9, 261.	4.1	56
23	Interplay of extracellular vesicles and other players in cerebral malaria pathogenesis. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 325-331.	2.4	31
24	Extracellular vesicles as mediators of immunopathology in infectious diseases. Immunology and Cell Biology, 2018, 96, 694-703.	2.3	19
25	Experimental severe malaria is resolved by targeting newly-identified monocyte subsets using immune-modifying particles combined with artesunate. Communications Biology, 2018, 1, 227.	4.4	21
26	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.	3.8	37
27	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.	3.3	35
28	Stable thrombus formation on irradiated microvascular endothelial cells under pulsatile flow: Pre-testing annexin V-thrombin conjugate for treatment of brain arteriovenous malformations. Thrombosis Research, 2018, 167, 104-112.	1.7	9
29	Differential plasma microvesicle and brain profiles of microRNA in experimental cerebral malaria. Malaria Journal, 2018, 17, 192.	2.3	27
30	The kynurenine pathway and parasitic infections that affect CNS function. Neuropharmacology, 2017, 112, 389-398.	4.1	36
31	Platelets activate a pathogenic response to blood-stage Plasmodium infection but not a protective immune response. Blood, 2017, 129, 1669-1679.	1.4	39
32	Pathogenetic Immune Responses in Cerebral Malaria. , 2017, , 67-80.		3
33	Divergent roles of Î²â€•and Î³â€actin isoforms during spread of vaccinia virus. Cytoskeleton, 2017, 74, 170-183.	2.0	8
34	Pho4 Is Essential for Dissemination of Cryptococcus neoformans to the Host Brain by Promoting Phosphate Uptake and Growth at Alkaline pH. MSphere, 2017, 2, .	2.9	34
35	The effect of non-specific tight junction modulators on the transepithelial transport of poorly permeable drugs across airway epithelial cells. Journal of Drug Targeting, 2017, 25, 342-349.	4.4	7
36	Infrared spectroscopic characterization of monocytic microvesicles (microparticles) released upon lipopolysaccharide stimulation. FASEB Journal, 2017, 31, 2817-2827.	0.5	25

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37	Hydrogen peroxide dynamics in subcellular compartments of malaria parasites using genetically encoded redox probes. Scientific Reports, 2017, 7, 10449.	3.3	24
38	Cover Image, Volume 74, Issue 4. Cytoskeleton, 2017, 74, C1.	2.0	0
39	Targeting Vascular Endothelial-Cadherin in Tumor-Associated Blood Vessels Promotes T-cellâ€"Mediated Immunotherapy. Cancer Research, 2017, 77, 4434-4447.	0.9	52
40	Expression of VEGF 111 and other VEGF-A variants in the rat uterus is correlated with stage of pregnancy. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2017, 187, 353-360.	1.5	15
41	Severe malaria: whatâ€™s new on the pathogenesis front?. International Journal for Parasitology, 2017, 47, 145-152.	3.1	87
42	Dysregulation of pulmonary endothelial protein C receptor and thrombomodulin in severe falciparum malaria-associated ARDS relevant to hemozoin. PLoS ONE, 2017, 12, e0181674.	2.5	27
43	Exploring experimental cerebral malaria pathogenesis through the characterisation of host-derived plasma microparticle protein content. Scientific Reports, 2016, 6, 37871.	3.3	34
44	The ins and outs of phosphosignalling in Plasmodium: Parasite regulation and host cell manipulation. Molecular and Biochemical Parasitology, 2016, 208, 2-15.	1.1	19
45	Platelets as pathogenetic effectors and killer cells in cerebral malaria. Expert Review of Hematology, 2016, 9, 515-517.	2.2	11
46	A novel role for von Willebrand factor in the pathogenesis of experimental cerebral malaria. Blood, 2016, 127, 1192-1201.	1.4	41
47	Effect of polyunsaturated fatty acids (PUFAs) on airway epithelial cells' tight junction. Pulmonary Pharmacology and Therapeutics, 2016, 40, 30-38.	2.6	11
48	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.	5.1	51
49	Plasma levels of endothelial and B-cell-derived microparticles are restored by fingolimod treatment in multiple sclerosis patients. Multiple Sclerosis Journal, 2016, 22, 1883-1887.	3.0	27
50	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.	1.9	89
51	DIANNEXIN DOWN-MODULATES TNF-INDUCED ENDOTHELIAL MICROPARTICLE RELEASE BY BLOCKING MEMBRANE BUDDING PROCESS. International Journal of Innovative Medicine and Health Science, 2016, 7, 1-11.	2.0	10
52	VEGF: inflammatory paradoxes. Pathogens and Global Health, 2015, 109, 253-254.	2.3	3
53	Immuno-analysis of microparticles: probing at the limits of detection. Scientific Reports, 2015, 5, 16314.	3.3	27
54	A potential role for interleukin-33 and Î³-epithelium sodium channel in the pathogenesis of human malaria associated lung injury. Malaria Journal, 2015, 14, 389.	2.3	25

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55	Fatal Pediatric Cerebral Malaria Is Associated with Intravascular Monocytes and Platelets That Are Increased with HIV Coinfection. MBio, 2015, 6, e01390-15.	4.1	64
56	Curcumin Reduces Tumour Necrosis Factor-Enhanced Annexin V-Positive Microparticle Release in Human Vascular Endothelial Cells. Journal of Pharmacy and Pharmaceutical Sciences, 2015, 18, 424.	2.1	13
57	An updated h-index measures both the primary and total scientific output of a researcher. Discoveries, 2015, 3, e50.	2.3	10
58	Unusual angiogenic factor plays a role in lizard pregnancy but is not unique to viviparity. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2015, 324, 152-158.	1.3	21
59	Mechanisms of murine cerebral malaria: Multimodal imaging of altered cerebral metabolism and protein oxidation at hemorrhage sites. Science Advances, 2015, 1, e1500911.	10.3	25
60	VEGF111: new insights in tissue invasion. Frontiers in Physiology, 2015, 6, 2.	2.8	6
61	MicroRNAs and Malaria - A Dynamic Interaction Still Incompletely Understood. Journal of Neuroinfectious Diseases, 2015, 6, .	0.2	6
62	Cerebral malaria: gamma-interferon redux. Frontiers in Cellular and Infection Microbiology, 2014, 4, 113.	3.9	55
63	Real-Time Imaging Reveals the Dynamics of Leukocyte Behaviour during Experimental Cerebral Malaria Pathogenesis. PLoS Pathogens, 2014, 10, e1004236.	4.7	67
64	Production, Fate and Pathogenicity of Plasma Microparticles in Murine Cerebral Malaria. PLoS Pathogens, 2014, 10, e1003839.	4.7	72
65	Potential Efficacy of Citicoline as Adjunct Therapy in Treatment of Cerebral Malaria. Antimicrobial Agents and Chemotherapy, 2014, 58, 602-605.	3.2	7
66	Brain endothelial cells increase the proliferation of Plasmodium falciparum through production of soluble factors. Experimental Parasitology, 2014, 145, 34-41.	1.2	2
67	Endothelial Microparticles Interact with and Support the Proliferation of T Cells. Journal of Immunology, 2014, 193, 3378-3387.	0.8	71
68	Cellular communication via microparticles: role in transfer of multidrug resistance in cancer. Future Oncology, 2014, 10, 655-669.	2.4	34
69	Cytokines and Some of Their Effector Mechanisms in Cerebral Malaria Pathogenesis. , 2014, , 1-11.		2
70	Endotoxin-Induced Monocytic Microparticles Have Contrasting Effects on Endothelial Inflammatory Responses. PLoS ONE, 2014, 9, e91597.	2.5	35
71	Electron microscopic features of brain edema in rodent cerebral malaria in relation to glial fibrillary acidic protein expression. International Journal of Clinical and Experimental Pathology, 2014, 7, 2056-67.	0.5	8
72	Experimental Models of Microvascular Immunopathology: The Example of Cerebral Malaria. Journal of Neuroinfectious Diseases, 2014, 5, .	0.2	4

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73	Light and heavy ion beam analysis of thin biological sections. Nuclear Instruments & Methods in Physics Research B, 2013, 306, 129-133.	1.4	12
74	Microparticles mediate MRP1 intercellular transfer and the re-templating of intrinsic resistance pathways. Pharmacological Research, 2013, 76, 77-83.	7.1	72
75	Effects of Aggregatibacter actinomycetemcomitans leukotoxin on endothelial cells. Microbial Pathogenesis, 2013, 61-62, 43-50.	2.9	20
76	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.	2.2	49
77	Microparticles from Mycobacteria-Infected Macrophages Promote Inflammation and Cellular Migration. Journal of Immunology, 2013, 190, 669-677.	0.8	50
78	Cooperation between Î²â€•and Î³â€•cytoplasmic actins in the mechanical regulation of endothelial microparticle formation. FASEB Journal, 2013, 27, 672-683.	0.5	44
79	Microparticle drug sequestration provides a parallel pathway in the acquisition of cancer drug resistance. European Journal of Pharmacology, 2013, 721, 116-125.	3.5	66
80	Crossing the wall: The opening of endothelial cell junctions during infectious diseases. International Journal of Biochemistry and Cell Biology, 2013, 45, 1165-1173.	2.8	15
81	Glioma microvesicles carry selectively packaged coding and non-coding RNAs which alter gene expression in recipient cells. RNA Biology, 2013, 10, 1333-1344.	3.1	210
82	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.	6.3	36
83	Cell-Derived Microparticles: New Targets in the Therapeutic Management of Disease. Journal of Pharmacy and Pharmaceutical Sciences, 2013, 16, 238.	2.1	41
84	The Brain Microvascular Endothelium Supports T Cell Proliferation and Has Potential for Alloantigen Presentation. PLoS ONE, 2013, 8, e52586.	2.5	40
85	Breast Cancer-Derived Microparticles Display Tissue Selectivity in the Transfer of Resistance Proteins to Cells. PLoS ONE, 2013, 8, e61515.	2.5	92
86	Endothelial Cells Potentiate Interferon-Î³ Production in a Novel Tripartite Culture Model of Human Cerebral Malaria. PLoS ONE, 2013, 8, e69521.	2.5	15
87	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.	4.7	110
88	The Role of Animal Models for Research on Severe Malaria. PLoS Pathogens, 2012, 8, e1002401.	4.7	258
89	Microparticleâ€•associated nucleic acids mediate trait dominance in cancer. FASEB Journal, 2012, 26, 420-429.	0.5	108
90	FTIR Imaging of Brain Tissue Reveals Crystalline Creatine Deposits Are an ex Vivo Marker of Localized Ischemia during Murine Cerebral Malaria: General Implications for Disease Neurochemistry. ACS Chemical Neuroscience, 2012, 3, 1017-1024.	3.5	24

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91	Cerebral malaria pathogenesis: revisiting parasite and host contributions. Future Microbiology, 2012, 7, 291-302.	2.0	72
92	Microparticles and their emerging role in cancer multidrug resistance. Cancer Treatment Reviews, 2012, 38, 226-234.	7.7	146
93	Microparticle conferred microRNA profiles - implications in the transfer and dominance of cancer traits. Molecular Cancer, 2012, 11, 37.	19.2	93
94	Endocytosis and intracellular processing of platelet microparticles by brain endothelial cells. Journal of Cellular and Molecular Medicine, 2012, 16, 1731-1738.	3.6	76
95	Antigen presentation by endothelial cells: what role in the pathophysiology of malaria?. Trends in Parasitology, 2012, 28, 151-160.	3.3	27
96	The crossroads of neuroinflammation in infectious diseases: endothelial cells and astrocytes. Trends in Parasitology, 2012, 28, 311-319.	3.3	48
97	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.	3.5	163
98	Platelets and microparticles in cerebral malaria: the unusual suspects. Drug Discovery Today Disease Mechanisms, 2011, 8, e15-e23.	0.8	22
99	In the Eye of Experimental Cerebral Malaria. American Journal of Pathology, 2011, 179, 1104-1109.	3.8	14
100	CNS Hypoxia Is More Pronounced in Murine Cerebral than Noncerebral Malaria and Is Reversed by Erythropoietin. American Journal of Pathology, 2011, 179, 1939-1950.	3.8	42
101	Flow Cytometric Analysis of Microparticles. Methods in Molecular Biology, 2011, 699, 337-354.	0.9	27
102	Microparticles as Immune Regulators in Infectious Disease ? An Opinion. Frontiers in Immunology, 2011, 2, 67.	4.8	17
103	Platelets Alter Gene Expression Profile in Human Brain Endothelial Cells in an In Vitro Model of Cerebral Malaria. PLoS ONE, 2011, 6, e19651.	2.5	32
104	Vascular endothelial cells cultured from patients with cerebral or uncomplicated malaria exhibit differential reactivity to TNF. Cellular Microbiology, 2011, 13, 198-209.	2.1	64
105	Malaria: modification of the red blood cell and consequences in the human host. British Journal of Haematology, 2011, 154, 670-679.	2.5	56
106	Investigation of the mouse cerebellum using STIM and Î¼-PIXE spectrometric and FTIR spectroscopic mapping and imaging. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 2260-2263.	1.4	12
107	Reduced activity of the epithelial sodium channel in malaria-induced pulmonary oedema in mice. International Journal for Parasitology, 2011, 41, 81-88.	3.1	26
108	Coincident parasite and CD8 T cell sequestration is required for development of experimental cerebral malaria. International Journal for Parasitology, 2011, 41, 155-163.	3.1	55

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109	In vitro culture of Plasmodium berghei-ANKA maintains infectivity of mouse erythrocytes inducing cerebral malaria. Malaria Journal, 2011, 10, 346.	2.3	17
110	Differential MicroRNA Expression in Experimental Cerebral and Noncerebral Malaria. Infection and Immunity, 2011, 79, 2379-2384.	2.2	51
111	Circulating Red Cellâ€"derived Microparticles in Human Malaria. Journal of Infectious Diseases, 2011, 203, 700-706.	4.0	138
112	Quantitation of brain edema and localisation of aquaporin 4 expression in relation to susceptibility to experimental cerebral malaria. International Journal of Clinical and Experimental Pathology, 2011, 4, 566-74.	0.5	25
113	Biochemical markers of nutritional status and childhood malaria severity in Cameroon. British Journal of Nutrition, 2010, 104, 886-892.	2.3	18
114	Rapid activation of endothelial cells enables Plasmodium falciparum adhesion to platelet-decorated von Willebrand factor strings. Blood, 2010, 115, 1472-1474.	1.4	112
115	Murine cerebral malaria: the whole story. Trends in Parasitology, 2010, 26, 272-274.	3.3	87
116	Elevated Cell-Specific Microparticles Are a Biological Marker for Cerebral Dysfunctions in Human Severe Malaria. PLoS ONE, 2010, 5, e13415.	2.5	130
117	Technical Advance: Autofluorescence as a tool for myeloid cell analysis. Journal of Leukocyte Biology, 2010, 88, 597-603.	3.3	58
118	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.	4.7	90
119	Parasite-Derived Plasma Microparticles Contribute Significantly to Malaria Infection-Induced Inflammation through Potent Macrophage Stimulation. PLoS Pathogens, 2010, 6, e1000744.	4.7	194
120	Microvesiculation and cell interactions at the brainâ€"endothelial interface in cerebral malaria pathogenesis. Progress in Neurobiology, 2010, 91, 140-151.	5.7	82
121	HDL Interfere with the Binding of T Cell Microparticles to Human Monocytes to Inhibit Pro-Inflammatory Cytokine Production. PLoS ONE, 2010, 5, e11869.	2.5	38
122	Platelet microparticles: a new player in malaria parasite cytoadherence to human brain endothelium. FASEB Journal, 2009, 23, 3449-3458.	0.5	103
123	Severe Plasmodium falciparum Malaria Is Associated with Circulating Ultra-Large von Willebrand Multimers and ADAMTS13 Inhibition. PLoS Pathogens, 2009, 5, e1000349.	4.7	105
124	Infectious Diseases of the Nervous System and Their Impact in Developing Countries. PLoS Pathogens, 2009, 5, e1000199.	4.7	19
125	Membrane microparticles mediate transfer of P-glycoprotein to drug sensitive cancer cells. Leukemia, 2009, 23, 1643-1649.	7.2	277
126	Rickettsia prowazekii infection of endothelial cells increases leukocyte adhesion through Î±vÎ²3 integrin engagement. Clinical Microbiology and Infection, 2009, 15, 249-250.	6.0	7

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127	Citicoline (CDP-choline): What role in the treatment of complications of infectious diseases. International Journal of Biochemistry and Cell Biology, 2009, 41, 1467-1470.	2.8	13
128	Abnormal blood vessels formed by human liver cavernous hemangioma endothelial cells in nude mice are suitable for drug evaluation. Microvascular Research, 2009, 78, 379-385.	2.5	5
129	Platelet-endothelial cell interactions in cerebral malaria: The end of a cordial understanding. Thrombosis and Haemostasis, 2009, 102, 1093-1102.	3.4	64
130	Physiopathologic Factors Resulting in Poor Outcome in Childhood Severe Malaria in Cameroon. Pediatric Infectious Disease Journal, 2009, 28, 1081-1084.	2.0	6
131	The responses of osteoblasts, osteoclasts and endothelial cells to zirconium modified calcium-silicate-based ceramic. Biomaterials, 2008, 29, 4392-4402.	11.4	158
132	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.	2.6	67
133	Phenotypic and Functional Differences between Human Liver Cancer Endothelial Cells and Liver Sinusoidal Endothelial Cells. Journal of Vascular Research, 2008, 45, 78-86.	1.4	32
134	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.	7.1	99
135	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.	4.0	62
136	Plasmodium berghei ANKA infection causes brain damage in mice resistant to cerebral malaria. BMC Proceedings, 2008, 2, .	1.6	0
137	Both Functional LTÎ² Receptor and TNF Receptor 2 Are Required for the Development of Experimental Cerebral Malaria. PLoS ONE, 2008, 3, e2608.	2.5	44
138	A contrast agent recognizing activated platelets reveals murine cerebral malaria pathology undetectable by conventional MRI. Journal of Clinical Investigation, 2008, 118, 1198-207.	8.2	77
139	Clinical Presentation, Haematological Indices and Management of Children with Severe and Uncomplicated Malaria in Douala, Cameroon. Pakistan Journal of Biological Sciences, 2008, 11, 2401-2406.	0.5	11
140	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.	3.4	49
141	The role of adhesion molecules, Î±vÎ²3, Î±vÎ²5 and their ligands in the tumor cell and endothelial cell adhesion. European Journal of Cancer Prevention, 2007, 16, 517-527.	1.3	28
142	Murine Cerebral Malaria Development Is Independent of Toll-Like Receptor Signaling. American Journal of Pathology, 2007, 170, 1640-1648.	3.8	93
143	The Endothelium in Cerebral Malaria: Both a Target Cell and a Major Player. , 2007, , 1303-1310.		1
144	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.	2.8	51

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145	A murine model of infection with Rickettsia prowazekii: implications for pathogenesis of epidemic typhus. Microbes and Infection, 2007, 9, 898-906.	1.9	22
146	Complexity of immunological processes in the pathogenesis of malaria. Nature Reviews Immunology, 2006, 6, 424-424.	22.7	1
147	Cell vesiculation and immunopathology: implications in cerebral malaria. Microbes and Infection, 2006, 8, 2305-2316.	1.9	63
148	Cerebral malaria: role of microparticles and platelets in alterations of the bloodâ€"brain barrier. International Journal for Parasitology, 2006, 36, 541-546.	3.1	121
149	Bloodâ€"brain barrier in parasitic disease. International Journal for Parasitology, 2006, 36, 503-504.	3.1	2
150	Current perspectives on the mechanism of action of artemisinins. International Journal for Parasitology, 2006, 36, 1427-1441.	3.1	251
151	A unified hypothesis for the genesis of cerebral malaria: sequestration, inflammation and hemostasis leading to microcirculatory dysfunction. Trends in Parasitology, 2006, 22, 503-508.	3.3	351
152	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.	5.0	38
153	Antiangiogenic Effect of Erythromycin: An In Vitro Model ofBartonella quintanaInfection. Journal of Infectious Diseases, 2006, 193, 380-386.	4.0	35
154	Platelets Potentiate Brain Endothelial Alterations Induced by Plasmodium falciparum. Infection and Immunity, 2006, 74, 645-653.	2.2	133
155	Geneâ€Expression Profiling Discriminates between Cerebral Malaria (CM)â€"Susceptible Mice and CMâ€Resistant Mice. Journal of Infectious Diseases, 2006, 193, 312-321.	4.0	50
156	Morphologic, Phenotypic and Functional Characteristics of Endothelial Cells Derived from Human Hepatic Cavernous Hemangioma. Journal of Vascular Research, 2006, 43, 522-532.	1.4	25
157	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.	0.8	91
158	Coxiella burnetii stimulates production of RANTES and MCP-1 by mononuclear cells: modulation by adhesion to endothelial cells and its implication in Q fever. European Cytokine Network, 2006, 17, 253-9.	2.0	11
159	Immunological processes in malaria pathogenesis. Nature Reviews Immunology, 2005, 5, 722-735.	22.7	556
160	Immunopathological consequences of the loss of engulfment genes: the case of ABCA1. SociÃ©tÃ© De Biologie Journal, 2005, 199, 199-206.	0.3	7
161	Inhibition of Endothelial Activation: A New Way to Treat Cerebral Malaria?. PLoS Medicine, 2005, 2, e245.	8.4	62
162	Imaging Experimental Cerebral Malaria In Vivo: Significant Role of Ischemic Brain Edema. Journal of Neuroscience, 2005, 25, 7352-7358.	3.6	151

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163	ABCA1 Gene Deletion Protects against Cerebral Malaria. American Journal of Pathology, 2005, 166, 295-302.	3.8	158
164	Cerebral malaria: Which parasite? Which model?. Drug Discovery Today: Disease Models, 2005, 2, 141-147.	1.2	17
165	Cytokines and Defense and Pathology of the CNS. , 2005, , 243-267.		1
166	Cerebral Malaria - A Neurovascular Pathology with Many Riddles Still to be Solved. Current Neurovascular Research, 2004, 1, 91-110.	1.1	75
167	Platelets ReorientPlasmodium falciparumâ€"Infected Erythrocyte Cytoadhesion to Activated Endothelial Cells. Journal of Infectious Diseases, 2004, 189, 180-189.	4.0	144
168	The Microcirculation in Severe Malaria. Microcirculation, 2004, 11, 559-576.	1.8	52
169	Pathogenic Role of P-Selectin in Experimental Cerebral Malaria. American Journal of Pathology, 2004, 164, 781-786.	3.8	58
170	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.	7.4	176
171	Pathophysiology of Cerebral Malaria. Annals of the New York Academy of Sciences, 2003, 992, 30-38.	3.8	65
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