

Alan R Burns

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,842
citations

361413

20
h-index

501196

28
g-index

41
all docs

41
docs citations

41
times ranked

3382
citing authors

#	ARTICLE	IF	CITATIONS
1	Serial Block-Face Scanning Electron Microscopy (SBF-SEM) of Biological Tissue Samples. Journal of Visualized Experiments, 2021, , .	0.3	7
2	An Epithelial Abrasion Model for Studying Corneal Wound Healing. Journal of Visualized Experiments, 2021, , .	0.3	2
3	Serial block-face scanning electron microscopy: A provocative technique to define 3-dimensional ultrastructure of microvascular thrombosis. Thrombosis Research, 2020, 196, 519-522.	1.7	2
4	Corneal dysfunction precedes the onset of hyperglycemia in a mouse model of diet-induced obesity. PLoS ONE, 2020, 15, e0238750.	2.5	16
5	Corneal dysfunction precedes the onset of hyperglycemia in a mouse model of diet-induced obesity. , 2020, 15, e0238750.		0
6	Corneal dysfunction precedes the onset of hyperglycemia in a mouse model of diet-induced obesity. , 2020, 15, e0238750.		0
7	Corneal dysfunction precedes the onset of hyperglycemia in a mouse model of diet-induced obesity. , 2020, 15, e0238750.		0
8	Corneal dysfunction precedes the onset of hyperglycemia in a mouse model of diet-induced obesity. , 2020, 15, e0238750.		0
9	Different Munc18 proteins mediate baseline and stimulated airway mucin secretion. JCI Insight, 2019, 4, .	5.0	15
10	IL-20 promotes epithelial healing of the injured mouse cornea. Experimental Eye Research, 2017, 154, 22-29.	2.6	32
11	Corneal stroma microfibrils. Experimental Eye Research, 2015, 132, 198-207.	2.6	23
12	Integrin-dependent neutrophil migration in the injured mouse cornea. Experimental Eye Research, 2014, 120, 61-70.	2.6	19
13	Mechanisms of Neutrophil Migration. , 2013, , 129-188.		1
14	Platelets enhance neutrophil transendothelial migration via P-selectin glycoprotein ligand-1. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H468-H475.	3.2	91
15	Functional Role of CD11c ⁺ Monocytes in Atherogenesis Associated With Hypercholesterolemia. Circulation, 2009, 119, 2708-2717.	1.6	200
16	ICAM-1 Is Necessary for Epithelial Recruitment of β 1 T Cells and Efficient Corneal Wound Healing. American Journal of Pathology, 2009, 175, 571-579.	3.8	55
17	Differential Role of von Willebrand Factor and P-Selectin on Microvascular Thrombosis in Endotoxemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 2225-2230.	2.4	32
18	Pannexin protein expression in the rat middle cerebral artery. FASEB Journal, 2008, 22, 1144.5.	0.5	0

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19	Electronegative LDL disrupts mitochondrial homeostasis: a novel mechanism for cigarette smoking-associated endothelial dysfunction. <i>FASEB Journal</i> , 2008, 22, 471.12.	0.5	0
20	Transendothelial flow inhibits neutrophil transmigration through a nitric oxide-dependent mechanism: potential role for cleft shear stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H2904-H2910.	3.2	20
21	Neutrophil Interactions with Keratocytes during Corneal Epithelial Wound Healing: A Role for CD18 Integrins. , 2007, 48, 5023.		39
22	POLYMICROBIAL SEPSIS AND ENDOTOXIN ENHANCE MICROVASCULAR THROMBOSIS BY A P-SELECTIN-INDEPENDENT MECHANISM. <i>FASEB Journal</i> , 2007, 21, A853.	0.5	0
23	Transendothelial pressure inhibits neutrophil migration across IL-1-treated endothelial cells: a role for nitric oxide.. <i>FASEB Journal</i> , 2006, 20, A1159.	0.5	0
24	HYDROXYETHYL STARCH INHIBITS NEUTROPHIL ADHESION AND TRANSENDOTHELIAL MIGRATION. <i>Shock</i> , 2005, 24, 434-439.	2.1	37
25	Regulation of inducible nitric oxide synthase by aggresome formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4854-4859.	7.1	77
26	Neutrophil Migration in the Wounded Cornea: The Role of the Keratocyte. <i>Ocular Surface</i> , 2005, 3, S-173-S-176.	4.4	16
27	Mucin Is Produced by Clara Cells in the Proximal Airways of Antigen-Challenged Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 31, 382-394.	2.9	263
28	Unique Structural Features That Influence Neutrophil Emigration Into the Lung. <i>Physiological Reviews</i> , 2003, 83, 309-336.	28.8	271
29	Role of β 4 Integrin and VCAM-1 in CD18-Independent Neutrophil Migration Across Mouse Cardiac Endothelium. <i>Circulation Research</i> , 2002, 90, 562-569.	4.5	98
30	Pathophysiologic Importance of E- and L-Selectin for Neutrophil-Induced Liver Injury During Endotoxemia in Mice. <i>Hepatology</i> , 2000, 32, 990-998.	7.3	46
31	Histochemical and morphological characteristics of canine cardiac mast cells. <i>The Histochemical Journal</i> , 1999, 31, 221-229.	0.6	59
32	P-selectin mediates neutrophil adhesion to endothelial cell borders. <i>Journal of Leukocyte Biology</i> , 1999, 65, 299-306.	3.3	98
33	Co-operative signaling between leukocytes and endothelium mediating firm attachment. , 1999, , 39-64.		3
34	Endothelial Cell "Memory" of Inflammatory Stimulation: Human Venular Endothelial Cells Store Interleukin 8 in Weibel-Palade Bodies. <i>Journal of Experimental Medicine</i> , 1998, 188, 1757-1762.	8.5	189
35	Venous Levels of Shear Support Neutrophil-Platelet Adhesion and Neutrophil Aggregation in Blood via P-Selectin and β 2-Integrin. <i>Circulation</i> , 1998, 98, 873-882.	1.6	146
36	Stem Cell Factor Induction Is Associated With Mast Cell Accumulation After Canine Myocardial Ischemia and Reperfusion. <i>Circulation</i> , 1998, 98, 687-698.	1.6	170

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37	Complement C5a, TGF- β 1, and MCP-1, in Sequence, Induce Migration of Monocytes Into Ischemic Canine Myocardium Within the First One to Five Hours After Reperfusion. <i>Circulation</i> , 1997, 95, 684-692.	1.6	188
38	Activation of Neutrophils within Pulmonary Microvessels of Rabbits Exposed to Cigarette Smoke. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1993, 9, 82-89.	2.9	53
39	PMN Extravasation in Acute Inflammation: A Role for Selectin Interaction in Initial PMN-Endothelial Cell Recognition. , 1993, , 151-167.		1
40	The neutrophil selectin LECAM-1 presents carbohydrate ligands to the vascular selectins ELAM-1 and GMP-140. <i>Cell</i> , 1991, 66, 921-933.	28.9	572