Mathieu-Benoit

List of Publications by Year
in descending order

23	2,356	393982 19	713013 21
papers	citations	h-index	g-index

23	23	23	3500
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Age-related changes in the local milieu of inflamed tissues cause aberrant neutrophil trafficking and subsequent remote organ damage. Immunity, 2021, 54, 1494-1510.e7.	6.6	66
2	Autophagy modulates endothelial junctions to restrain neutrophil diapedesis during inflammation. Immunity, 2021, 54, 1989-2004.e9.	6.6	50
3	Targeting Extracellular Vesicles to the Arthritic Joint Using a Damaged Cartilage-Specific Antibody. Frontiers in Immunology, 2020, 11, 10.	2.2	34
4	Local microvascular leakage promotes trafficking of activated neutrophils to remote organs. Journal of Clinical Investigation, 2020, 130, 2301-2318.	3.9	48
5	Heparanase-Dependent Remodeling of Initial Lymphatic Glycocalyx Regulates Tissue-Fluid Drainage During Acute Inflammation in vivo. Frontiers in Immunology, 2019, 10, 2316.	2.2	17
6	Neutrophil elastase plays a nonâ€redundant role in remodeling the venular basement membrane and neutrophil diapedesis postâ€ischemia/reperfusion injury. Journal of Pathology, 2019, 248, 88-102.	2.1	22
7	Neutrophil trafficking to lymphoid tissues: physiological and pathological implications. Journal of Pathology, 2019, 247, 662-671.	2.1	40
8	Visceral Adipose Tissue Immune Homeostasis Is Regulated by the Crosstalk between Adipocytes and Dendritic Cell Subsets. Cell Metabolism, 2018, 27, 588-601.e4.	7.2	110
9	Distinct Compartmentalization of the Chemokines CXCL1 and CXCL2 and the Atypical Receptor ACKR1 Determine Discrete Stages of Neutrophil Diapedesis. Immunity, 2018, 49, 1062-1076.e6.	6.6	233
10	Endogenous TNFÎ± orchestrates the trafficking of neutrophils into and within lymphatic vessels during acute inflammation. Scientific Reports, 2017, 7, 44189.	1.6	57
11	ICAM-1â€“expressing neutrophils exhibit enhanced effector functions in murine models of endotoxemia. Blood, 2016, 127, 898-907.	0.6	93
12	Effects of PI and PIII Snake Venom Haemorrhagic Metalloproteinases on the Microvasculature: A Confocal Microscopy Study on the Mouse Cremaster Muscle. PLoS ONE, 2016, 11, e0168643.	1.1	15
13	Crossing the Vascular Wall: Common and Unique Mechanisms Exploited by Different Leukocyte Subsets during Extravasation. Mediators of Inflammation, 2015, 2015, 1-23.	1.4	128
14	Tissue Localization and Extracellular Matrix Degradation by PI, PII and PIII Snake Venom Metalloproteinases: Clues on the Mechanisms of Venom-Induced Hemorrhage. PLoS Neglected Tropical Diseases, 2015, 9, e0003731.	1.3	79
15	Neutrophils recruited by chemoattractants in vivo induce microvascular plasma protein leakage through secretion of TNF. Journal of Experimental Medicine, 2014, 211, 1307-1314.	4.2	84
16	Neutrophil Transmigration: Emergence of an Adhesive Cascade within Venular Walls. Journal of Innate Immunity, 2013, 5, 336-347.	1.8	88
17	The junctional adhesion molecule JAM-C regulates polarized transendothelial migration of neutrophils in vivo. Nature Immunology, 2011, 12, 761-769.	7.0	500
18	Venular Basement Membranes Ubiquitously Express Matrix Protein Low-Expression Regions. American Journal of Pathology, 2010, 176, 482-495.	1.9	117

#	Article	IF	Citations
19	An investigation into the profile and dynamics of neutrophil transendothelial cell migration (TEM) using high resolution in vivo realâ€time confocal imaging. FASEB Journal, 2010, 24, 232.2.	0.2	0
20	Monocytes and Neutrophils Exhibit Both Distinct and Common Mechanisms in Penetrating the Vascular Basement Membrane In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1193-1199.	1.1	111
21	Pericytes facilitate leukocyte transmigration in vivo. FASEB Journal, 2009, 23, 360.1.	0.2	0
22	JAM-A mediates neutrophil transmigration in a stimulus-specific manner in vivo: evidence for sequential roles for JAM-A and PECAM-1 in neutrophil transmigration. Blood, 2007, 110, 1848-1856.	0.6	126
23	Venular basement membranes contain specific matrix protein low expression regions that act as exit points for emigrating neutrophils. Journal of Experimental Medicine, 2006, 203, 1519-1532.	4.2	338