

Mathieu-Benoit

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,356
citations

393982

19
h-index

713013

21
g-index

23
all docs

23
docs citations

23
times ranked

3500
citing authors

#	ARTICLE	IF	CITATIONS
1	The junctional adhesion molecule JAM-C regulates polarized transendothelial migration of neutrophils in vivo. <i>Nature Immunology</i> , 2011, 12, 761-769.	7.0	500
2	Venular basement membranes contain specific matrix protein low expression regions that act as exit points for emigrating neutrophils. <i>Journal of Experimental Medicine</i> , 2006, 203, 1519-1532.	4.2	338
3	Distinct Compartmentalization of the Chemokines CXCL1 and CXCL2 and the Atypical Receptor ACKR1 Determine Discrete Stages of Neutrophil Diapedesis. <i>Immunity</i> , 2018, 49, 1062-1076.e6.	6.6	233
4	Crossing the Vascular Wall: Common and Unique Mechanisms Exploited by Different Leukocyte Subsets during Extravasation. <i>Mediators of Inflammation</i> , 2015, 2015, 1-23.	1.4	128
5	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. <i>Blood</i> , 2007, 110, 1848-1856.	0.6	126
6	Venular Basement Membranes Ubiquitously Express Matrix Protein Low-Expression Regions. <i>American Journal of Pathology</i> , 2010, 176, 482-495.	1.9	117
7	Monocytes and Neutrophils Exhibit Both Distinct and Common Mechanisms in Penetrating the Vascular Basement Membrane In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1193-1199.	1.1	111
8	Visceral Adipose Tissue Immune Homeostasis Is Regulated by the Crosstalk between Adipocytes and Dendritic Cell Subsets. <i>Cell Metabolism</i> , 2018, 27, 588-601.e4.	7.2	110
9	ICAM-1-expressing neutrophils exhibit enhanced effector functions in murine models of endotoxemia. <i>Blood</i> , 2016, 127, 898-907.	0.6	93
10	Neutrophil Transmigration: Emergence of an Adhesive Cascade within Venular Walls. <i>Journal of Innate Immunity</i> , 2013, 5, 336-347.	1.8	88
11	Neutrophils recruited by chemoattractants in vivo induce microvascular plasma protein leakage through secretion of TNF. <i>Journal of Experimental Medicine</i> , 2014, 211, 1307-1314.	4.2	84
12	Tissue Localization and Extracellular Matrix Degradation by PI, PII and PIII Snake Venom Metalloproteinases: Clues on the Mechanisms of Venom-Induced Hemorrhage. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003731.	1.3	79
13	Age-related changes in the local milieu of inflamed tissues cause aberrant neutrophil trafficking and subsequent remote organ damage. <i>Immunity</i> , 2021, 54, 1494-1510.e7.	6.6	66
14	Endogenous TNF α orchestrates the trafficking of neutrophils into and within lymphatic vessels during acute inflammation. <i>Scientific Reports</i> , 2017, 7, 44189.	1.6	57
15	Autophagy modulates endothelial junctions to restrain neutrophil diapedesis during inflammation. <i>Immunity</i> , 2021, 54, 1989-2004.e9.	6.6	50
16	Local microvascular leakage promotes trafficking of activated neutrophils to remote organs. <i>Journal of Clinical Investigation</i> , 2020, 130, 2301-2318.	3.9	48
17	Neutrophil trafficking to lymphoid tissues: physiological and pathological implications. <i>Journal of Pathology</i> , 2019, 247, 662-671.	2.1	40
18	Targeting Extracellular Vesicles to the Arthritic Joint Using a Damaged Cartilage-Specific Antibody. <i>Frontiers in Immunology</i> , 2020, 11, 10.	2.2	34

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19	Neutrophil elastase plays a non-redundant role in remodeling the venular basement membrane and neutrophil diapedesis post-ischemia/reperfusion injury. <i>Journal of Pathology</i> , 2019, 248, 88-102.	2.1	22
20	Heparanase-Dependent Remodeling of Initial Lymphatic Glycocalyx Regulates Tissue-Fluid Drainage During Acute Inflammation in vivo. <i>Frontiers in Immunology</i> , 2019, 10, 2316.	2.2	17
21	Effects of PI and PIII Snake Venom Haemorrhagic Metalloproteinases on the Microvasculature: A Confocal Microscopy Study on the Mouse Cremaster Muscle. <i>PLoS ONE</i> , 2016, 11, e0168643.	1.1	15
22	Pericytes facilitate leukocyte transmigration in vivo. <i>FASEB Journal</i> , 2009, 23, 360.1.	0.2	0
23	An investigation into the profile and dynamics of neutrophil transendothelial cell migration (TEM) using high resolution in vivo real-time confocal imaging. <i>FASEB Journal</i> , 2010, 24, 232.2.	0.2	0