

Philippe A Tessier

List of Publications by Year in descending order

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52
papers

5,323
citations

117625

34
h-index

189892

50
g-index

53
all docs

53
docs citations

53
times ranked

8021
citing authors

#	ARTICLE	IF	CITATIONS
1	Proinflammatory Activities of S100: Proteins S100A8, S100A9, and S100A8/A9 Induce Neutrophil Chemotaxis and Adhesion. <i>Journal of Immunology</i> , 2003, 170, 3233-3242.	0.8	745
2	Innate Lymphoid Cells Promote Anatomical Containment of Lymphoid-Resident Commensal Bacteria. <i>Science</i> , 2012, 336, 1321-1325.	12.6	638
3	S100A8 and S100A9 activate MAP kinase and NF- κ B signaling pathways and trigger translocation of RAGE in human prostate cancer cells. <i>Experimental Cell Research</i> , 2006, 312, 184-197.	2.6	236
4	S100A8 and S100A9 Induce Cytokine Expression and Regulate the NLRP3 Inflammasome via ROS-Dependent Activation of NF- κ B1. <i>PLoS ONE</i> , 2013, 8, e72138.	2.5	228
5	Blockade of S100A8 and S100A9 Suppresses Neutrophil Migration in Response to Lipopolysaccharide. <i>Journal of Immunology</i> , 2003, 171, 2602-2609.	0.8	201
6	The S100 Family Heterodimer, MRP-8/14, Binds with High Affinity to Heparin and Heparan Sulfate Glycosaminoglycans on Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 3658-3665.	3.4	196
7	Tumor-Associated Macrophages Enhance Tumor Hypoxia and Aerobic Glycolysis. <i>Cancer Research</i> , 2019, 79, 795-806.	0.9	188
8	DAMP Molecule S100A9 Acts as a Molecular Pattern to Enhance Inflammation during Influenza A Virus Infection: Role of DDX21-TRIF-TLR4-MyD88 Pathway. <i>PLoS Pathogens</i> , 2014, 10, e1003848.	4.7	171
9	Surface RANKL of Toll-like receptor 4-stimulated human neutrophils activates osteoclastic bone resorption. <i>Blood</i> , 2009, 114, 1633-1644.	1.4	170
10	The Use of Lymphocyte Function-Associated Antigen (Lfa)-1-Deficient Mice to Determine the Role of Lfa-1, Mac-1, and β 4 Integrin in the Inflammatory Response of Neutrophils. <i>Journal of Experimental Medicine</i> , 2001, 194, 219-226.	8.5	164
11	Proteomic Identification of In Vivo Substrates for Matrix Metalloproteinases 2 and 9 Reveals a Mechanism for Resolution of Inflammation. <i>Journal of Immunology</i> , 2006, 177, 7312-7321.	0.8	158
12	Role of S100A8 and S100A9 in neutrophil recruitment in response to monosodium urate monohydrate crystals in the air-pouch model of acute gouty arthritis. <i>Arthritis and Rheumatism</i> , 2003, 48, 2310-2320.	6.7	156
13	Immunogenicity of papaya mosaic virus-like particles fused to a hepatitis C virus epitope: Evidence for the critical function of multimerization. <i>Virology</i> , 2007, 363, 59-68.	2.4	121
14	Blockade of Antimicrobial Proteins S100A8 and S100A9 Inhibits Phagocyte Migration to the Alveoli in Streptococcal Pneumonia. <i>Journal of Immunology</i> , 2008, 180, 3366-3374.	0.8	121
15	Hemozoin-Inducible Proinflammatory Events In Vivo: Potential Role in Malaria Infection. <i>Journal of Immunology</i> , 2004, 172, 3101-3110.	0.8	119
16	Acute inflammatory response via neutrophil activation protects against the development of chronic pain. <i>Science Translational Medicine</i> , 2022, 14, eabj9954.	12.4	115
17	Induction of neutrophil degranulation by S100A9 via a MAPK-dependent mechanism. <i>Journal of Leukocyte Biology</i> , 2010, 87, 905-914.	3.3	106
18	An Inflammation Loop Orchestrated by S100A9 and Calprotectin Is Critical for Development of Arthritis. <i>PLoS ONE</i> , 2012, 7, e45478.	2.5	106

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19	S100A9 induces differentiation of acute myeloid leukemia cells through TLR4. <i>Blood</i> , 2017, 129, 1980-1990.	1.4	104
20	Different expression ratio of S100A8/A9 and S100A12 in acute and chronic lung diseases. <i>Respiratory Medicine</i> , 2008, 102, 567-573.	2.9	96
21	Monosodium urate monohydrate crystals induce the release of the proinflammatory protein S100A8/A9 from neutrophils. <i>Journal of Leukocyte Biology</i> , 2004, 76, 433-440.	3.3	93
22	Damage-Associated Molecular Pattern S100A9 Increases Bactericidal Activity of Human Neutrophils by Enhancing Phagocytosis. <i>Journal of Immunology</i> , 2011, 186, 3622-3631.	0.8	93
23	Secretion of S100A8, S100A9, and S100A12 by Neutrophils Involves Reactive Oxygen Species and Potassium Efflux. <i>Journal of Immunology Research</i> , 2015, 2015, 1-16.	2.2	79
24	IL-23 induced in keratinocytes by endogenous TLR4 ligands polarizes dendritic cells to drive IL-22 responses to skin immunization. <i>Journal of Experimental Medicine</i> , 2016, 213, 2147-2166.	8.5	79
25	S100A9 mediates neutrophil adhesion to fibronectin through activation of β_2 integrins. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 84-89.	2.1	74
26	the calcium-binding protein S100A12 induces neutrophil adhesion, migration, and release from bone marrow in mouse at concentrations similar to those found in human inflammatory arthritis. <i>Clinical Immunology</i> , 2003, 107, 46-54.	3.2	73
27	Evidence for chronic, peripheral activation of neutrophils in polyarticular juvenile rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2006, 8, R154.	3.5	71
28	Inhibition of lymphocyte adhesion to cytokine-activated synovial fibroblasts by glucocorticoids involves the attenuation of vascular cell adhesion molecule 1 and intercellular adhesion molecule 1 gene expression. <i>Arthritis and Rheumatism</i> , 1996, 39, 226-234.	6.7	62
29	Extracellular nucleotides mediate LPS-induced neutrophil migration in vitro and in vivo. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1269-1275.	3.3	53
30	HIV-1 Transcription and Virus Production Are Both Accentuated by the Proinflammatory Myeloid-Related Proteins in Human CD4+ T Lymphocytes. <i>Journal of Immunology</i> , 2002, 169, 3307-3313.	0.8	50
31	S100A8 Chemotactic Protein Is Abundantly Increased, but Only a Minor Contributor to LPS-Induced, Steroid Resistant Neutrophilic Lung Inflammation in Vivo. <i>Journal of Proteome Research</i> , 2005, 4, 136-145.	3.7	50
32	Regulation of S100A8 Stability by RNF5 in Intestinal Epithelial Cells Determines Intestinal Inflammation and Severity of Colitis. <i>Cell Reports</i> , 2018, 24, 3296-3311.e6.	6.4	39
33	Regulation by retinoic acid of ICAM-1 expression on human tumor cell lines. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1991, 1097, 95-102.	3.8	38
34	Human S100A9 potentiates IL-6 production in response to GM-CSF or fMLP via activation of a different set of transcription factors in neutrophils. <i>FEBS Letters</i> , 2014, 588, 2141-2146.	2.8	36
35	Myeloid-Related Proteins Rapidly Modulate Macrophage Nitric Oxide Production during Innate Immune Response. <i>Journal of Immunology</i> , 2008, 181, 3595-3601.	0.8	33
36	Regulation of TLR3 Activation by S100A9. <i>Journal of Immunology</i> , 2015, 195, 4426-4437.	0.8	33

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37	Localization of S100A8 and S100A9 expressing neutrophils to spinal cord during peripheral tissue inflammation. <i>Pain</i> , 2008, 134, 216-231.	4.2	30
38	Activation of Human Neutrophils by Technical Toxaphene. <i>Clinical Immunology</i> , 2001, 98, 46-53.	3.2	27
39	Toll-Like Receptor 2 Represses Nonpilus Adhesin-Induced Signaling in Acute Infections with the <i>Pseudomonas aeruginosa</i> pilA Mutant. <i>Infection and Immunity</i> , 2004, 72, 4561-4569.	2.2	27
40	Cooperation between IL-7 Receptor and Integrin $\alpha 2 \beta 1$ (CD49b) Drives Th17-Mediated Bone Loss. <i>Journal of Immunology</i> , 2015, 195, 4198-4209.	0.8	27
41	Intracellular Expression of Inflammatory Proteins S100A8 and S100A9 Leads to Epithelial-mesenchymal Transition and Attenuated Aggressivity of Breast Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 35-45.	1.7	24
42	$\alpha 2 \beta 1$ Integrin Regulates Th17 Cell Activity and Its Neutralization Decreases the Severity of Collagen-Induced Arthritis. <i>Journal of Immunology</i> , 2013, 191, 5941-5950.	0.8	22
43	S100A9 potentiates the activation of neutrophils by the etiological agent of gout, monosodium urate crystals. <i>Journal of Leukocyte Biology</i> , 2017, 102, 805-813.	3.3	15
44	Deletion of <i>S100a8</i> and <i>S100a9</i> Enhances Skin Hyperplasia and Promotes the Th17 Response in Imiquimod-Induced Psoriasis. <i>Journal of Immunology</i> , 2021, 206, 505-514.	0.8	15
45	Impact of Neutrophil-Secreted Myeloid Related Proteins 8 and 14 (MRP 8/14) on Leishmaniasis Progression. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2461.	3.0	10
46	S100A8/A9 and sRAGE kinetic after polytrauma; an explorative observational study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2017, 25, 114.	2.6	9
47	Quinoline-3-carboxamides such as tasquinimod are not specific inhibitors of S100A9. <i>Blood Advances</i> , 2018, 2, 1170-1171.	5.2	7
48	Enhanced myelopoiesis and aggravated arthritis in S100a8-deficient mice. <i>PLoS ONE</i> , 2019, 14, e0221528.	2.5	7
49	Velocity Gradient Separation Reveals a New Extracellular Vesicle Population Enriched in miR-155 and Mitochondrial DNA. <i>Pathogens</i> , 2021, 10, 526.	2.8	6
50	A Novel Absorbable Stapler Provides Patient-Reported Outcomes and Cost-Effectiveness Noninferior to Subcuticular Skin Closure: A Prospective, Single-Blind, Randomized Clinical Trial. <i>Plastic and Reconstructive Surgery</i> , 2020, 146, 777e-789e.	1.4	2
51	Role of myeloid related proteins 8/14 in the innate immune control of leishmaniasis. <i>Cytokine</i> , 2009, 48, 62.	3.2	0
52	P98â€¦Neutrophils in lupus: a new phenotype. , 2020, , .		0