

Veronique Witko-Sarsat

List of Publications by Year in descending order

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91
papers

10,949
citations

81900

39
h-index

48315

88
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96
all docs

96
docs citations

96
times ranked

18684
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulating Innate and Adaptive Immunity by (R)-Roscovitine: Potential Therapeutic Opportunity in Cystic Fibrosis. <i>Journal of Innate Immunity</i> , 2016, 8, 330-349.	3.8	3,509
2	Advanced oxidation protein products as a novel marker of oxidative stress in uremia. <i>Kidney International</i> , 1996, 49, 1304-1313.	5.2	1,619
3	Neutrophils: Molecules, Functions and Pathophysiological Aspects. <i>Laboratory Investigation</i> , 2000, 80, 617-653.	3.7	911
4	Iron Therapy, Advanced Oxidation Protein Products, and Carotid Artery Intima-Media Thickness in End-Stage Renal Disease. <i>Circulation</i> , 2002, 106, 2212-2217.	1.6	350
5	Glutathione antioxidant system as a marker of oxidative stress in chronic renal failure. <i>Free Radical Biology and Medicine</i> , 1996, 21, 845-853.	2.9	328
6	AOPP-induced activation of human neutrophil and monocyte oxidative metabolism: A potential target for N-acetylcysteine treatment in dialysis patients. <i>Kidney International</i> , 2003, 64, 82-91.	5.2	206
7	A Large Subset of Neutrophils Expressing Membrane Proteinase 3 Is a Risk Factor for Vasculitis and Rheumatoid Arthritis. <i>Journal of the American Society of Nephrology: JASN</i> , 1999, 10, 1224-1233.	6.1	203
8	Biochemical and spectrophotometric significance of advanced oxidized protein products. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2004, 1689, 91-102.	3.8	163
9	Advanced oxidation protein products as risk factors for atherosclerotic cardiovascular events in nondiabetic predialysis patients. <i>American Journal of Kidney Diseases</i> , 2005, 45, 39-47.	1.9	153
10	Human neutrophils in auto-immunity. <i>Seminars in Immunology</i> , 2016, 28, 159-173.	5.6	150
11	Proliferating cell nuclear antigen acts as a cytoplasmic platform controlling human neutrophil survival. <i>Journal of Experimental Medicine</i> , 2010, 207, 2631-2645.	8.5	144
12	Antineutrophil cytoplasmic antibody-associated vasculitides: is it time to split up the group?. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1273-1279.	0.9	132
13	Dialysis-induced Oxidative Stress: Biological Aspects, Clinical Consequences, and Therapy. <i>Seminars in Dialysis</i> , 2001, 14, 193-199.	1.3	130
14	Regulating neutrophil apoptosis: new players enter the game. <i>Trends in Immunology</i> , 2011, 32, 117-124.	6.8	126
15	The Role of Neutrophils and Monocytes in Innate Immunity. , 2008, 15, 118-146.		122
16	Proteinase 3, a Potent Secretagogue in Airways, Is Present in Cystic Fibrosis Sputum. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 729-736.	2.9	115
17	Annexin 1 Cleavage in Activated Neutrophils. <i>Journal of Biological Chemistry</i> , 2007, 282, 29998-30004.	3.4	108
18	Proteinase 3, the Wegener autoantigen, is externalized during neutrophil apoptosis: evidence for a functional association with phospholipid scramblase 1 and interference with macrophage phagocytosis. <i>Blood</i> , 2007, 110, 4086-4095.	1.4	107

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19	In Cystic Fibrosis Homozygotes and Heterozygotes, Neutrophil Apoptosis Is Delayed and Modulated by Diamide or Roscovitine: Evidence for an Innate Neutrophil Disturbance. <i>Journal of Innate Immunity</i> , 2010, 2, 260-266.	3.8	101
20	Proteinase 3 on apoptotic cells disrupts immune silencing in autoimmune vasculitis. <i>Journal of Clinical Investigation</i> , 2015, 125, 4107-4121.	8.2	101
21	Targets of anti-endothelial cell antibodies in pulmonary hypertension and scleroderma. <i>European Respiratory Journal</i> , 2012, 39, 1405-1414.	6.7	90
22	Are advanced oxidation protein products potential uremic toxins?. <i>Kidney International</i> , 2003, 63, S11-S14.	5.2	86
23	Early prediction of IgA nephropathy progression: Proteinuria and AOPP are strong prognostic markers. <i>Kidney International</i> , 2004, 66, 1606-1612.	5.2	85
24	Immune System Dysregulation in Uremia: Role of Oxidative Stress. <i>Blood Purification</i> , 2002, 20, 481-484.	1.8	71
25	Coronin-1 Is Associated with Neutrophil Survival and Is Cleaved during Apoptosis: Potential Implication in Neutrophils from Cystic Fibrosis Patients. <i>Journal of Immunology</i> , 2009, 182, 7254-7263.	0.8	67
26	Oxidized Low-Density Lipoprotein Induces Macrophage Respiratory Burst via Its Protein Moiety: A Novel Pathway in Atherogenesis?. <i>Biochemical and Biophysical Research Communications</i> , 1999, 263, 804-809.	2.1	66
27	Structures of human proteinase 3 and neutrophil elastase so similar yet so different. <i>FEBS Journal</i> , 2010, 277, 2238-2254.	4.7	65
28	Proteinase 3, the Autoantigen in Granulomatosis with Polyangiitis, Associates with Calreticulin on Apoptotic Neutrophils, Impairs Macrophage Phagocytosis, and Promotes Inflammation. <i>Journal of Immunology</i> , 2012, 189, 2574-2583.	0.8	65
29	Anoxia and glucose supplementation preserve neutrophil viability and function. <i>Blood</i> , 2016, 128, 993-1002.	1.4	55
30	Importance of oxidatively modified proteins in chronic renal failure. <i>Kidney International</i> , 2001, 59, S108-S113.	5.2	54
31	Nuclear-to-cytoplasmic Relocalization of the Proliferating Cell Nuclear Antigen (PCNA) during Differentiation Involves a Chromosome Region Maintenance 1 (CRM1)-dependent Export and Is a Prerequisite for PCNA Antiapoptotic Activity in Mature Neutrophils. <i>Journal of Biological Chemistry</i> , 2012, 287, 33812-33825.	3.4	53
32	Restoring glutathione as a therapeutic strategy in chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2004, 19, 1951-1955.	0.7	51
33	Respective role of uraemic toxins and myeloperoxidase in the uraemic state. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 1555-1563.	0.7	51
34	Cytoplasmic proliferating cell nuclear antigen connects glycolysis and cell survival in acute myeloid leukemia. <i>Scientific Reports</i> , 2016, 6, 35561.	3.3	47
35	Computational prediction of the binding site of proteinase 3 to the plasma membrane. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 71, 1655-1669.	2.6	46
36	Proteinase 3 Is a Phosphatidylserine-binding Protein That Affects the Production and Function of Microvesicles. <i>Journal of Biological Chemistry</i> , 2016, 291, 10476-10489.	3.4	46

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37	Cleavage of p21 by Proteinase-3, a Myeloid-specific Serine Protease, Potentiates Cell Proliferation. <i>Journal of Biological Chemistry</i> , 2002, 277, 47338-47347.	3.4	44
38	Interaction of proteinase 3 with its associated partners: implications in the pathogenesis of Wegener's granulomatosis. <i>Current Opinion in Rheumatology</i> , 2010, 22, 1-7.	4.3	43
39	Critical evaluation of plasma and LDL oxidant-trapping potential in hemodialysis patients. <i>Kidney International</i> , 1999, 56, 747-753.	5.2	41
40	IgG from patients with pulmonary arterial hypertension and/or systemic sclerosis binds to vascular smooth muscle cells and induces cell contraction. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 596-605.	0.9	41
41	Proteinase-3 Induces Procaspase-3 Activation in the Absence of Apoptosis: Potential Role of this Compartmentalized Activation of Membrane-Associated Procaspase-3 in Neutrophils. <i>Journal of Immunology</i> , 2005, 174, 6381-6390.	0.8	39
42	Apoptosis-induced proteinase 3 membrane expression is independent from degranulation. <i>Journal of Leukocyte Biology</i> , 2004, 75, 87-98.	3.3	38
43	G-CSF "A double edge sword in neutrophil mediated immunity. <i>Seminars in Immunology</i> , 2021, 54, 101516.	5.6	37
44	Inspection of the Binding Sites of Proteinase3 for the Design of a Highly Specific Substrate. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1248-1260.	6.4	36
45	Azurocidin, a Natural Antibiotic from Human Neutrophils: Expression, Antimicrobial Activity, and Secretion. <i>Protein Expression and Purification</i> , 1996, 7, 355-366.	1.3	35
46	Molecular analysis of the membrane insertion domain of proteinase 3, the Wegener's autoantigen, in RBL cells: implication for its pathogenic activity. <i>Journal of Leukocyte Biology</i> , 2011, 90, 941-950.	3.3	35
47	Expanding Neutrophil Horizons: New Concepts in Inflammation. <i>Journal of Innate Immunity</i> , 2018, 10, 422-431.	3.8	34
48	Proteinase 3 Interferes With C1q-Mediated Clearance of Apoptotic Cells. <i>Frontiers in Immunology</i> , 2018, 9, 818.	4.8	34
49	Importance of oxidatively modified proteins in chronic renal failure. <i>Kidney International</i> , 2001, 59, 108-113.	5.2	34
50	mTOR pathway is activated in endothelial cells from patients with Takayasu arteritis and is modulated by serum immunoglobulin G. <i>Rheumatology</i> , 2018, 57, 1011-1020.	1.9	33
51	Proteomic analysis of neutrophils in ANCA-associated vasculitis reveals a dysregulation in proteinase 3-associated proteins such as annexin-A1 involved in apoptotic cell clearance. <i>Kidney International</i> , 2019, 96, 397-408.	5.2	32
52	Targeting cytosolic proliferating cell nuclear antigen in neutrophil-dominated inflammation. <i>Frontiers in Immunology</i> , 2012, 3, 311.	4.8	31
53	Proteinase 3: the odd one out that became an autoantigen. <i>Journal of Leukocyte Biology</i> , 2017, 102, 689-698.	3.3	31
54	Regulation of macrophage activation by proteins expressed on apoptotic neutrophils: Subversion towards autoimmunity by proteinase 3. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12990.	3.4	30

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55	Role of oxidized low-density lipoprotein in the atherosclerosis of uremia. <i>Kidney International</i> , 2001, 59, S114-S119.	5.2	29
56	Proteomes of umbilical vein and microvascular endothelial cells reflect distinct biological properties and influence immune recognition. <i>Proteomics</i> , 2012, 12, 2547-2555.	2.2	28
57	Molecular analysis of vascular smooth muscle cells from patients with giant cell arteritis: Targeting endothelin-1 receptor to control proliferation. <i>Autoimmunity Reviews</i> , 2017, 16, 398-406.	5.8	28
58	Promoting apoptosis of neutrophils and phagocytosis by macrophages: novel strategies in the resolution of inflammation. <i>Swiss Medical Weekly</i> , 2015, 145, w14056.	1.6	28
59	Cytosolic PCNA interacts with p47phox and controls NADPH oxidase NOX2 activation in neutrophils. <i>Journal of Experimental Medicine</i> , 2019, 216, 2669-2687.	8.5	27
60	Cleavage of p21/WAF1/CIP1 by Proteinase 3 Modulates Differentiation of a Monocytic Cell Line. <i>Journal of Biological Chemistry</i> , 2005, 280, 30242-30253.	3.4	25
61	Changes in Glycation and Oxidation Markers in Patients Starting Peritoneal Dialysis: A Pilot Study. <i>Peritoneal Dialysis International</i> , 2006, 26, 207-212.	2.3	25
62	Dividing the Janus vasculitis? Pathophysiology of eosinophilic granulomatosis with polyangiitis. <i>Autoimmunity Reviews</i> , 2016, 15, 139-145.	5.8	24
63	Characterization of a recombinant proteinase 3, the autoantigen in Wegener's granulomatosis and its reactivity with anti-neutrophil cytoplasmic autoantibodies. <i>FEBS Letters</i> , 1996, 382, 130-136.	2.8	23
64	Proteinase 3 mRNA expression is induced in monocytes but not in neutrophils of patients with cystic fibrosis. <i>FEBS Letters</i> , 1999, 457, 437-440.	2.8	23
65	Myeloperoxidase Promoter Polymorphism $\sim 463G$ Is Associated With More Severe Clinical Expression of Cystic Fibrosis Pulmonary Disease. <i>Mediators of Inflammation</i> , 2006, 2006, 1-8.	3.0	23
66	Neurotrophins are expressed in giant cell arteritis lesions and may contribute to vascular remodeling. <i>Arthritis Research and Therapy</i> , 2014, 16, 487.	3.5	20
67	Proliferating cell nuclear antigen in neutrophil fate. <i>Immunological Reviews</i> , 2016, 273, 344-356.	6.0	20
68	Neutrophil-Expressed p21/waf1 Favors Inflammation Resolution in <i>Pseudomonas aeruginosa</i> Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 740-750.	2.9	20
69	Characterization of cytosolic proliferating cell nuclear antigen (PCNA) in neutrophils: antiapoptotic role of the monomer. <i>Journal of Leukocyte Biology</i> , 2013, 94, 723-731.	3.3	19
70	Neutrophils and B lymphocytes in ANCA-associated vasculitis. <i>Apmis</i> , 2009, 117, 27-31.	2.0	16
71	Harnessing Neutrophil Survival Mechanisms during Chronic Infection by <i>Pseudomonas aeruginosa</i> : Novel Therapeutic Targets to Dampen Inflammation in Cystic Fibrosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 243.	3.9	16
72	Granulomatosis with polyangiitis (Wegener granulomatosis): A proteinase-3 driven disease?. <i>Joint Bone Spine</i> , 2018, 85, 185-189.	1.6	14

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73	Inflammasome activation: Neutrophils go their own way. <i>Journal of Leukocyte Biology</i> , 2019, 105, 433-436.	3.3	13
74	Transgenic Mice Expressing Human Proteinase 3 Exhibit Sustained Neutrophil-Associated Peritonitis. <i>Journal of Immunology</i> , 2017, 199, 3914-3924.	0.8	12
75	Neutrophils in the Innate Immunity Conundrum of Cystic Fibrosis: A CFTR-Related Matter?. <i>Journal of Innate Immunity</i> , 2013, 5, 195-196.	3.8	11
76	Immunomodulatory role of phagocyte-derived chloramines involving lymphocyte glutathione. <i>Mediators of Inflammation</i> , 1993, 2, 235-241.	3.0	9
77	Apoptosis, Cell Death and Inflammation. <i>Journal of Innate Immunity</i> , 2010, 2, 201-203.	3.8	9
78	NLRP3 Is Involved in Neutrophil Mobilization in Experimental Periodontitis. <i>Frontiers in Immunology</i> , 2022, 13, 839929.	4.8	9
79	Republished: Antineutrophil cytoplasmic antibody-associated vasculitides: is it time to split up the group?. <i>Postgraduate Medical Journal</i> , 2014, 90, 290-296.	1.8	7
80	Skewed peripheral B- and T-cell compartments in patients with ANCA-associated vasculitis. <i>Rheumatology</i> , 2021, 60, 2157-2168.	1.9	6
81	Reducing neutrophil exposure to oxygen allows their basal state maintenance. <i>Immunology and Cell Biology</i> , 2021, 99, 782-789.	2.3	6
82	Autophagy and Innate Immunity. <i>Journal of Innate Immunity</i> , 2013, 5, 425-426.	3.8	4
83	Comment on: Subclassifying ANCA-associated vasculitis: a unifying view of disease spectrum. <i>Rheumatology</i> , 2020, 59, 1185-1187.	1.9	4
84	L34. Neutrophils in ANCA-associated vasculitis: Still under investigation. <i>Presse Medicale</i> , 2013, 42, 595-597.	1.9	3
85	From Starfish Oocytes to Inflammation: The Unforeseeable Destiny of Roscovitine in Cystic Fibrosis. <i>Journal of Innate Immunity</i> , 2016, 8, 327-329.	3.8	2
86	Granulomatose avec polyangéite (Wegener) : maladie de la protéinase-3. <i>Revue Du Rhumatisme Monographies</i> , 2017, 84, 236-240.	0.0	1
87	Proteases from Inflammatory Cells: Regulation of Inflammatory Response. , 2011, , 73-100.		1
88	Markers of oxidative stress in uremia. <i>Kidney International</i> , 2004, 65, 340.	5.2	0
89	Le polynucléaire neutrophile dans les vascularites associées aux ANCA. <i>Revue Francophone Des Laboratoires</i> , 2014, 2014, 47-58.	0.0	0
90	Myeloperoxidase Activity of Neutrophils in Cystic Fibrosis. , 2000, , 107-113.		0

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91	Proliferating cell nuclear antigen acts as a cytoplasmic platform controlling human neutrophil survival. <i>Journal of Cell Biology</i> , 2010, 191, i6-i6.	5.2	0