Veronique Witko-Sarsat

List of Publications by Citations

86 papers	5,951 citations	35 h-index	77 g-index
96 ext. papers	6,753 ext. citations	6.6 avg, IF	5.23 L-index

#	Paper	IF	Citations
86	Advanced oxidation protein products as a novel marker of oxidative stress in uremia. *Kidney International*, **1996**, 49, 1304-13	9.9	1280
85	Neutrophils: molecules, functions and pathophysiological aspects. *Laboratory Investigation*, **2000**, 80, 617-53	5.9	792
84	Iron therapy, advanced oxidation protein products, and carotid artery intima-media thickness in end-stage renal disease. *Circulation*, **2002**, 106, 2212-7	16.7	314
83	Glutathione antioxidant system as a marker of oxidative stress in chronic renal failure. *Free Radical Biology and Medicine*, **1996**, 21, 845-53	7.8	285
82	AOPP-induced activation of human neutrophil and monocyte oxidative metabolism: a potential target for N-acetylcysteine treatment in dialysis patients. *Kidney International*, **2003**, 64, 82-91	9.9	169
81	A large subset of neutrophils expressing membrane proteinase 3 is a risk factor for vasculitis and rheumatoid arthritis. *Journal of the American Society of Nephrology: JASN*, **1999**, 10, 1224-33	12.7	167
80	Biochemical and spectrophotometric significance of advanced oxidized protein products. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2004**, 1689, 91-102	6.9	141
79	Advanced oxidation protein products as risk factors for atherosclerotic cardiovascular events in nondiabetic predialysis patients. *American Journal of Kidney Diseases*, **2005**, 45, 39-47	7.4	136
78	Proliferating cell nuclear antigen acts as a cytoplasmic platform controlling human neutrophil survival. *Journal of Experimental Medicine*, **2010**, 207, 2631-45	16.6	115
77	Antineutrophil cytoplasmic antibody-associated vasculitides: is it time to split up the group?. *Annals of the Rheumatic Diseases*, **2013**, 72, 1273-9	2.4	107
76	Human neutrophils in auto-immunity. *Seminars in Immunology*, **2016**, 28, 159-73	10.7	107
75	Dialysis-induced oxidative stress: biological aspects, clinical consequences, and therapy. *Seminars in Dialysis*, **2001**, 14, 193-9	2.5	101
74	Regulating neutrophil apoptosis: new players enter the game. *Trends in Immunology*, **2011**, 32, 117-24	14.4	100
73	Proteinase 3, a potent secretagogue in airways, is present in cystic fibrosis sputum. *American Journal of Respiratory Cell and Molecular Biology*, **1999**, 20, 729-36	5.7	100
72	Annexin 1 cleavage in activated neutrophils: a pivotal role for proteinase 3. *Journal of Biological Chemistry*, **2007**, 282, 29998-30004	5.4	93
71	The role of neutrophils and monocytes in innate immunity. *Contributions To Microbiology*, **2008**, 15, 118-146		91
70	Proteinase 3, the Wegener autoantigen, is externalized during neutrophil apoptosis: evidence for a functional association with phospholipid scramblase 1 and interference with macrophage phagocytosis. *Blood*, **2007**, 110, 4086-95	2.2	87

69	Targets of anti-endothelial cell antibodies in pulmonary hypertension and scleroderma. *European Respiratory Journal*, **2012**, 39, 1405-14	13.6	72
68	Are advanced oxidation protein products potential uremic toxins?. *Kidney International*, **2003**, S11-4	9.9	72
67	In cystic fibrosis homozygotes and heterozygotes, neutrophil apoptosis is delayed and modulated by diamide or roscovitine: evidence for an innate neutrophil disturbance. *Journal of Innate Immunity* , **2010**, 2, 260-6	6.9	71
66	Early prediction of IgA nephropathy progression: proteinuria and AOPP are strong prognostic markers. *Kidney International*, **2004**, 66, 1606-12	9.9	68
65	Immune system dysregulation in uremia: role of oxidative stress. *Blood Purification*, **2002**, 20, 481-4	3.1	65
64	Proteinase 3 on apoptotic cells disrupts immune silencing in autoimmune vasculitis. *Journal of Clinical Investigation*, **2015**, 125, 4107-21	15.9	62
63	Coronin-1 is associated with neutrophil survival and is cleaved during apoptosis: potential implication in neutrophils from cystic fibrosis patients. *Journal of Immunology*, **2009**, 182, 7254-63	5.3	60
62	Oxidized low-density lipoprotein induces macrophage respiratory burst via its protein moiety: A novel pathway in atherogenesis?. *Biochemical and Biophysical Research Communications*, **1999**, 263, 804-9	3.4	59
61	Structures of human proteinase 3 and neutrophil elastase--so similar yet so different. *FEBS Journal*, **2010**, 277, 2238-54	5.7	53
60	Proteinase 3, the autoantigen in granulomatosis with polyangiitis, associates with calreticulin on apoptotic neutrophils, impairs macrophage phagocytosis, and promotes inflammation. *Journal of Immunology*, **2012**, 189, 2574-83	5.3	51
59	Respective role of uraemic toxins and myeloperoxidase in the uraemic state. *Nephrology Dialysis Transplantation*, **2006**, 21, 1555-63	4.3	47
58	Cleavage of p21waf1 by proteinase-3, a myeloid-specific serine protease, potentiates cell proliferation. *Journal of Biological Chemistry*, **2002**, 277, 47338-47	5.4	43
57	Computational prediction of the binding site of proteinase 3 to the plasma membrane. *Proteins: Structure, Function and Bioinformatics*, **2008**, 71, 1655-69	4.2	40
56	Importance of oxidatively modified proteins in chronic renal failure. *Kidney International*, **2001**, 78, S108-13	9.9	37
55	Proteinase-3 induces procaspase-3 activation in the absence of apoptosis: potential role of this compartmentalized activation of membrane-associated procaspase-3 in neutrophils. *Journal of Immunology*, **2005**, 174, 6381-90	5.3	36
54	Anoxia and glucose supplementation preserve neutrophil viability and function. *Blood*, **2016**, 128, 993-1002	10.2	36
53	Apoptosis-induced proteinase 3 membrane expression is independent from degranulation. *Journal of Leukocyte Biology*, **2004**, 75, 87-98	6.5	35
52	Interaction of proteinase 3 with its associated partners: implications in the pathogenesis of Wegener's granulomatosis. *Current Opinion in Rheumatology*, **2010**, 22, 1-7	5.3	34

51	Importance of oxidatively modified proteins in chronic renal failure. *Kidney International*, **2001**, 59, 108-113	9.9	34
50	Inspection of the binding sites of proteinase3 for the design of a highly specific substrate. *Journal of Medicinal Chemistry*, **2006**, 49, 1248-60	8.3	33
49	Critical evaluation of plasma and LDL oxidant-trapping potential in hemodialysis patients. *Kidney International*, **1999**, 56, 747-53	9.9	33
48	Molecular analysis of the membrane insertion domain of proteinase 3, the Wegener's autoantigen, in RBL cells: implication for its pathogenic activity. *Journal of Leukocyte Biology*, **2011**, 90, 941-50	6.5	32
47	IgG from patients with pulmonary arterial hypertension and/or systemic sclerosis binds to vascular smooth muscle cells and induces cell contraction. *Annals of the Rheumatic Diseases*, **2012**, 71, 596-605	2.4	32
46	Proteinase 3 Is a Phosphatidylserine-binding Protein That Affects the Production and Function of Microvesicles. *Journal of Biological Chemistry*, **2016**, 291, 10476-89	5.4	31
45	Azurocidin, a natural antibiotic from human neutrophils: expression, antimicrobial activity, and secretion. *Protein Expression and Purification*, **1996**, 7, 355-66	2	31
44	Modulating Innate and Adaptive Immunity by (R)-Roscovitine: Potential Therapeutic Opportunity in Cystic Fibrosis. *Journal of Innate Immunity*, **2016**, 8, 330-49	6.9	27
43	Promoting apoptosis of neutrophils and phagocytosis by macrophages: novel strategies in the resolution of inflammation. *Swiss Medical Weekly*, **2015**, 145, w14056	3.1	27
42	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. *Journal of Biological Chemistry*, **2012**, 287, 33812-25	5.4	26
41	Proteomes of umbilical vein and microvascular endothelial cells reflect distinct biological properties and influence immune recognition. *Proteomics*, **2012**, 12, 2547-55	4.8	24
40	mTOR pathway is activated in endothelial cells from patients with Takayasu arteritis and is modulated by serum immunoglobulin G. *Rheumatology*, **2018**, 57, 1011-1020	3.9	22
39	Changes in Glycation and Oxidation Markers in Patients Starting Peritoneal Dialysis: A Pilot Study. *Peritoneal Dialysis International*, **2006**, 26, 207-212	2.8	22
38	Cleavage of p21/WAF1/CIP1 by proteinase 3 modulates differentiation of a monocytic cell line. Molecular analysis of the cleavage site. *Journal of Biological Chemistry*, **2005**, 280, 30242-53	5.4	22
37	Role of oxidized low-density lipoprotein in the atherosclerosis of uremia. *Kidney International*, **2001**, 78, S114-9	9.9	22
36	Proteinase 3: the odd one out that became an autoantigen. *Journal of Leukocyte Biology*, **2017**, 102, 689-698	6.5	21
35	Myeloperoxidase promoter polymorphism -463G is associated with more severe clinical expression of cystic fibrosis pulmonary disease. *Mediators of Inflammation*, **2006**, 2006, 36735	4.3	21
34	Proteinase 3 mRNA expression is induced in monocytes but not in neutrophils of patients with cystic fibrosis. *FEBS Letters*, **1999**, 457, 437-40	3.8	21

33	Characterization of a recombinant proteinase 3, the autoantigen in Wegener's granulomatosis and its reactivity with anti-neutrophil cytoplasmic autoantibodies. *FEBS Letters*, **1996**, 382, 130-6	3.8	21
32	Cytoplasmic proliferating cell nuclear antigen connects glycolysis and cell survival in acute myeloid leukemia. *Scientific Reports*, **2016**, 6, 35561	4.9	19
31	Molecular analysis of vascular smooth muscle cells from patients with giant cell arteritis: Targeting endothelin-1 receptor to control proliferation. *Autoimmunity Reviews*, **2017**, 16, 398-406	13.6	17
30	Targeting cytosolic proliferating cell nuclear antigen in neutrophil-dominated inflammation. *Frontiers in Immunology*, **2012**, 3, 311	8.4	17
29	Dividing the Janus vasculitis? Pathophysiology of eosinophilic granulomatosis with polyangitis. *Autoimmunity Reviews*, **2016**, 15, 139-45	13.6	16
28	Regulation of macrophage activation by proteins expressed on apoptotic neutrophils: Subversion towards autoimmunity by proteinase 3. *European Journal of Clinical Investigation*, **2018**, 48 Suppl 2, e12990	4.6	15
27	Expanding Neutrophil Horizons: New Concepts in Inflammation. *Journal of Innate Immunity*, **2018**, 10, 422-431	6.9	15
26	Proliferating cell nuclear antigen in neutrophil fate. *Immunological Reviews*, **2016**, 273, 344-56	11.3	14
25	Neutrophil-Expressed p21/waf1 Favors Inflammation Resolution in Pseudomonas aeruginosa Infection. *American Journal of Respiratory Cell and Molecular Biology*, **2016**, 54, 740-50	5.7	14
24	Characterization of cytosolic proliferating cell nuclear antigen (PCNA) in neutrophils: antiapoptotic role of the monomer. *Journal of Leukocyte Biology*, **2013**, 94, 723-31	6.5	14
23	Neurotrophins are expressed in giant cell arteritis lesions and may contribute to vascular remodeling. *Arthritis Research and Therapy*, **2014**, 16, 487	5.7	14
22	Cytosolic PCNA interacts with p47phox and controls NADPH oxidase NOX2 activation in neutrophils. *Journal of Experimental Medicine*, **2019**, 216, 2669-2687	16.6	12
21	Proteinase 3 Interferes With C1q-Mediated Clearance of Apoptotic Cells. *Frontiers in Immunology*, **2018**, 9, 818	8.4	12
20	Neutrophils and B lymphocytes in ANCA-associated vasculitis. *Apmis*, **2009**, 117, 27-31	3.4	10
19	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. *Kidney International*, **2019**, 96, 397-408	9.9	9
18	Harnessing Neutrophil Survival Mechanisms during Chronic Infection by : Novel Therapeutic Targets to Dampen Inflammation in Cystic Fibrosis. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 243	5.9	9
17	Granulomatosis with polyangiitis (Wegener granulomatosis): A proteinase-3 driven disease?. *Joint Bone Spine*, **2018**, 85, 185-189	2.9	8
16	Immunomodulatory role of phagocyte-derived chloramines involving lymphocyte glutathione. *Mediators of Inflammation*, **1993**, 2, 235-41	4.3	8

15	Transgenic Mice Expressing Human Proteinase 3 Exhibit Sustained Neutrophil-Associated Peritonitis. *Journal of Immunology*, **2017**, 199, 3914-3924	5.3	7
14	G-CSF - A double edge sword in neutrophil mediated immunity. *Seminars in Immunology*, **2021**, 101516	10.7	7
13	Republished: Antineutrophil cytoplasmic antibody-associated vasculitides: is it time to split up the group?. *Postgraduate Medical Journal*, **2014**, 90, 290-6	2	3
12	Skewed peripheral B- and T-cell compartments in patients with ANCA-associated vasculitis. *Rheumatology*, **2021**, 60, 2157-2168	3.9	3
11	Comment on: Subclassifying ANCA-associated vasculitis: a unifying view of disease spectrum. *Rheumatology*, **2020**, 59, 1185-1187	3.9	2
10	L34. Neutrophils in ANCA-associated vasculitis: still under investigation. *Presse Medicale*, **2013**, 42, 595-7	2.2	2
9	Neuraminidase inhibitors rewire neutrophil function in murine sepsis and in COVID-19 **2021**,		1
8	Proteases from Inflammatory Cells: Regulation of Inflammatory Response **2011**, 73-100		1
7	Reducing neutrophil exposure to oxygen allows their basal state maintenance. *Immunology and Cell Biology*, **2021**, 99, 782-789	5	1
6	NLRP3 Is Involved in Neutrophil Mobilization in Experimental Periodontitis.. *Frontiers in Immunology*, **2022**, 13, 839929	8.4	0
5	Granulomatose avec polyangÏte (Wegener) : maladie de la protÏhase-3 ?. *Revue Du Rhumatisme Monographies*, **2017**, 84, 236-240	0	
4	Le polynuclÏaire neutrophile dans les vascularites associÏs aux ANCA. *Revue Francophone Des Laboratoires*, **2014**, 2014, 47-58	0	
3	Markers of oxidative stress in uremia. *Kidney International*, **2004**, 65, 340	9.9	
2	Myeloperoxidase Activity of Neutrophils in Cystic Fibrosis **2000**, 107-113		
1	Proliferating cell nuclear antigen acts as a cytoplasmic platform controlling human neutrophil survival. *Journal of Cell Biology*, **2010**, 191, i6-i6	7.3	