Janusz Witowski

List of Publications by Year in descending order

76 papers	2,194 citations	279798 23 h-index	243625 44 g-index
76 all docs	76 docs citations	76 times ranked	3213 citing authors

#	Article	IF	Citations
1	IL-17 Stimulates Intraperitoneal Neutrophil Infiltration Through the Release of GROÎ± Chemokine from Mesothelial Cells. Journal of Immunology, 2000, 165, 5814-5821.	0.8	287
2	Interplay between IFN-Î³ and IL-6 signaling governs neutrophil trafficking and apoptosis during acute inflammation. Journal of Clinical Investigation, 2003, 112, 598-607.	8.2	229
3	Identification of IGFBP-7 by urinary proteomics as a novel prognostic marker in early acute kidney injury. Kidney International, 2014, 85, 909-919.	5.2	101
4	Glucose-mediated induction of TGF-Î²1 and MCP-1 in mesothelial cells in vitro is osmolality and polyol pathway dependent. Kidney International, 2003, 63, 1404-1416.	5.2	73
5	The Effect of a 12-Week Omega-3 Supplementation on Body Composition, Muscle Strength and Physical Performance in Elderly Individuals with Decreased Muscle Mass. International Journal of Environmental Research and Public Health, 2015, 12, 10558-10574.	2.6	72
6	IL-6 Transâ€“Signaling Links Inflammation with Angiogenesis in the Peritoneal Membrane. Journal of the American Society of Nephrology: JASN, 2017, 28, 1188-1199.	6.1	67
7	Senescent Peritoneal Mesothelial Cells Promote Ovarian Cancer Cell Adhesion. American Journal of Pathology, 2009, 174, 1230-1240.	3.8	66
8	Early loss of proliferative potential of human peritoneal mesothelial cells in culture: the role of p16INK4a-mediated premature senescence. Journal of Applied Physiology, 2006, 100, 988-995.	2.5	64
9	Differential Regulation of Chemokine Production in Human Peritoneal Mesothelial Cells: IFN-Î³ Controls Neutrophil Migration Across the Mesothelium In Vitro and In Vivo. Journal of Immunology, 2001, 167, 1028-1038.	0.8	63
10	Accelerated senescence of human peritoneal mesothelial cells exposed to high glucose: the role of TGF-Î²1. Laboratory Investigation, 2007, 87, 345-356.	3.7	61
11	Tumour necrosis factor-alpha in uraemic serum promotes osteoblastic transition and calcification of vascular smooth muscle cells via extracellular signal-regulated kinases and activator protein 1/c-FOS-mediated induction of interleukin 6 expression. Nephrology Dialysis Transplantation, 2018, 33, 574-585.	0.7	56
12	Biomarker research to improve clinical outcomes of peritoneal dialysis: consensus of the European Training and Research in Peritoneal Dialysis (EuTRiPD) network. Kidney International, 2017, 92, 824-835.	5.2	54
13	Synthesis of C-X-C and C-C Chemokines by Human Peritoneal Fibroblasts. American Journal of Pathology, 2001, 158, 1441-1450.	3.8	51
14	The proto-oncogene c-Fos transcriptionally regulates VEGF production during peritoneal inflammation. Kidney International, 2013, 84, 1119-1128.	5.2	51
15	The Role of Adipose Tissue in the Pathogenesis and Therapeutic Outcomes of Inflammatory Bowel Disease. Cells, 2019, 8, 628.	4.1	51
16	Oxidative stress contributes to accelerated development of the senescent phenotype in human peritoneal mesothelial cells exposed to high glucose. Free Radical Biology and Medicine, 2007, 42, 636-641.	2.9	50
17	Oxidative stressâ€dependent increase in ICAMâ€1 expression promotes adhesion of colorectal and pancreatic cancers to the senescent peritoneal mesothelium. International Journal of Cancer, 2010, 127, 293-303.	5.1	48
18	Relation of salivary antioxidant status and cytokine levels to clinical parameters of oral health in pregnant women with diabetes. Archives of Oral Biology, 2011, 56, 428-436.	1.8	39

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19	Glucose Degradation Products: Relationship with Cell Damage. Peritoneal Dialysis International, 2000, 20, 31-36.	2.3	32
20	Senescence Induces a Proangiogenic Switch in Human Peritoneal Mesothelial Cells. Rejuvenation Research, 2008, 11, 681-683.	1.8	31
21	Vulnerability to oxidative stress and different patterns of senescence in human peritoneal mesothelial cell strains. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R374-R382.	1.8	29
22	New Developments in Peritoneal Fibroblast Biology: Implications for Inflammation and Fibrosis in Peritoneal Dialysis. BioMed Research International, 2015, 2015, 1-7.	1.9	29
23	Recovery of Senescent Endothelial Cells From Injury. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 250-257.	3.6	25
24	Technological Advances in Peritoneal Dialysis Research Peritoneal Cell Culture: Fibroblasts. Peritoneal Dialysis International, 2006, 26, 292-299.	2.3	24
25	Anti-inflammatory Activity and Phytochemical Profile of Galinsoga Parviflora Cav.. Molecules, 2018, 23, 2133.	3.8	24
26	Human peritoneal fibroblasts are a potent source of neutrophil-targeting cytokines: a key role of IL-1Î² stimulation. Laboratory Investigation, 2009, 89, 414-424.	3.7	23
27	New Insights into the Biology of Peritoneal Mesothelial Cells: The Roles of Epithelial-to-Mesenchymal Transition and Cellular Senescence. Nephron Experimental Nephrology, 2008, 108, e69-e73.	2.2	22
28	Regulation of Chemokine CCL5 Synthesis in Human Peritoneal Fibroblasts: A Key Role of IFN-Î³. Mediators of Inflammation, 2014, 2014, 1-9.	3.0	19
29	Salivary fingerprint of simple obesity. Cytokine, 2018, 110, 174-180.	3.2	19
30	Seasonal differences in rhythmicity of salivary cortisol in healthy adults. Journal of Applied Physiology, 2019, 126, 764-770.	2.5	19
31	Transcriptional Regulation of Thrombin-Induced Endothelial VEGF Induction and Proangiogenic Response. Cells, 2021, 10, 910.	4.1	19
32	Moderate Caloric Restriction Partially Improved Oxidative Stress Markers in Obese Humans. Antioxidants, 2021, 10, 1018.	5.1	19
33	Impaired response to oxidative stress in senescent cells may lead to accumulation of DNA damage in mesothelial cells from aged donors. Biochemical and Biophysical Research Communications, 2008, 373, 335-339.	2.1	18
34	Interpretation of elevated serum VEGF concentrations in patients with myocardial infarction. Cytokine, 2011, 54, 74-78.	3.2	16
35	Peritoneal cell culture: fibroblasts. Peritoneal Dialysis International, 2006, 26, 292-9.	2.3	16
36	Correlation between the donor age and the proliferative lifespan of human peritoneal mesothelial cells in vitro: Is TGF-Î²1 a link?. Experimental Gerontology, 2007, 42, 840-843.	2.8	15

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37	IL-17 in Peritoneal Dialysis-Associated Inflammation and Angiogenesis: Conclusions and Perspectives. Frontiers in Physiology, 2018, 9, 1694.	2.8	15
38	Expanded Hemodialysis Therapy Ameliorates Uremia-Induced Systemic Microinflammation and Endothelial Dysfunction by Modulating VEGF, TNF-Î± and AP-1 Signaling. Frontiers in Immunology, 2021, 12, 774052.	4.8	15
39	Activation of nuclear factor of activated T cells 5 in the peritoneal membrane of uremic patients. American Journal of Physiology - Renal Physiology, 2015, 308, F1247-F1258.	2.7	14
40	Diagnostic value of salivary CRP and IL-6 in patients undergoing anti-TNF-alpha therapy for rheumatic disease. Inflammopharmacology, 2018, 26, 1183-1188.	3.9	14
41	Control of neutrophil influx during peritonitis by transcriptional crossâ€regulation of chemokine <scp>CXCL1</scp> by <scp>IL</scp>â€17 and <scp>IFN</scp>â€Î³. Journal of Pathology, 2020, 251, 175-186.	4.5	14
42	Do medical students adhere to advice regarding a healthy lifestyle? A pilot study of BMI and some aspects of lifestyle in medical students in Poland. Advances in Clinical and Experimental Medicine, 2017, 26, 1391-1398.	1.4	14
43	Autoantibodies from Patients with Scleroderma Renal Crisis Promote PAR-1 Receptor Activation and IL-6 Production in Endothelial Cells. International Journal of Molecular Sciences, 2021, 22, 11793.	4.1	14
44	Native and Oxidized Low-Density Lipoproteins Increase the Expression of the LDL Receptor and the LOX-1 Receptor, Respectively, in Arterial Endothelial Cells. Cells, 2022, 11, 204.	4.1	14
45	Poor Oral Hygiene and High Levels of Inflammatory Cytokines in Saliva Predict the Risk of Overweight and Obesity. International Journal of Environmental Research and Public Health, 2020, 17, 6310.	2.6	13
46	Potential Salivary Markers for Differential Diagnosis of Crohnâ€™s Disease and Ulcerative Colitis. Life, 2021, 11, 943.	2.4	12
47	Angiogenic Role of Mesothelium-Derived Chemokine CXCL1 During Unfavorable Peritoneal Tissue Remodeling in Patients Receiving Peritoneal Dialysis as Renal Replacement Therapy. Frontiers in Immunology, 2022, 13, 821681.	4.8	12
48	Amaranth (Amaranthus cruentus L.) and canola (Brassica napus L.) oil impact on the oxidative metabolism of neutrophils in the obese patients*. Pharmaceutical Biology, 2019, 57, 140-144.	2.9	11
49	Lessons from Basic Research for Pd Treatment. Peritoneal Dialysis International, 2005, 25, 35-38.	2.3	10
50	Changes in Salivary Parameters of Oral Immunity after Biologic Therapy for Inflammatory Bowel Disease. Life, 2021, 11, 1409.	2.4	10
51	Glucose-Induced Mesothelial Cell Senescence and Peritoneal Neoangiogenesis and Fibrosis. Peritoneal Dialysis International, 2008, 28, 34-37.	2.3	9
52	Oral Health Status of Patients with Lysosomal Storage Diseases in Poland. International Journal of Environmental Research and Public Health, 2017, 14, 281.	2.6	9
53	Senescence-Associated Changes in Proteome andO-GlcNAcylation Pattern in Human Peritoneal Mesothelial Cells. BioMed Research International, 2015, 2015, 1-9.	1.9	8
54	Association of serum VEGF with clinical response to anti-TNFÎ± therapy for Crohnâ€™s disease. Cytokine, 2015, 76, 288-293.	3.2	8

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55	An increase in serum tumour necrosis factor-Î± during anti-tumour necrosis factor-Î± therapy for Crohn's disease â€“ A paradox or a predictive index?. Digestive and Liver Disease, 2016, 48, 1168-1171.	0.9	8
56	The intensity of joint pain in relation to changes in serum TNFÎ± during therapy with anti-TNFÎ± inhibitors. Inflammopharmacology, 2019, 27, 679-683.	3.9	8
57	Epithelial-To-Mesenchymal Transition and Migration of Human Peritoneal Mesothelial Cells Undergoing Senescence. Peritoneal Dialysis International, 2019, 39, 35-41.	2.3	8
58	Flaxseed (Linum Usitatissimum L.) Supplementation in Patients Undergoing Lipoprotein Apheresis for Severe Hyperlipidemiaâ€"A Pilot Study. Nutrients, 2020, 12, 1137.	4.1	8
59	Trefoil factor-3 is not a useful marker of mucosal healing in Crohn's disease treated with anti-TNF-Î± antibodies. World Journal of Gastroenterology, 2017, 23, 135.	3.3	8
60	Telomere length profiles in primary human peritoneal mesothelial cells are consistent with senescence. Mechanisms of Ageing and Development, 2017, 164, 37-40.	4.6	7
61	Association of endothelial proliferation with the magnitude of weight loss during calorie restriction. Angiogenesis, 2016, 19, 407-419.	7.2	6
62	Thy-1+/â^'fibroblast subsets in the human peritoneum. American Journal of Physiology - Renal Physiology, 2017, 313, F1116-F1123.	2.7	6
63	Preliminary observations on the association between serum IL-6 and hydration status and cardiovascular risk in patients treated with peritoneal dialysis. Cytokine, 2016, 85, 171-176.	3.2	5
64	No effect of anti-TNF-Î± treatment on serum IL-17 in patients with rheumatoid arthritis. Central-European Journal of Immunology, 2018, 43, 270-275.	1.2	5
65	Age-related limitations of interleukin-6 in predicting early mortality in acute ST-elevation myocardial infarction. Immunity and Ageing, 2014, 11, 23.	4.2	4
66	Peritoneal Dialysis and Its Local and Systemic Complications: From the Bench to the Clinic. Frontiers in Physiology, 2020, 11, 188.	2.8	4
67	No Significant Effect of the Individual Chronotype on the Result of Moderate Calorie Restriction for Obesityâ€"A Pilot Study. Nutrients, 2021, 13, 4089.	4.1	4
68	Serum adiponectin as aÂpredictor of laboratory response to anti-TNF-Î± therapy in rheumatoid arthritis. Central-European Journal of Immunology, 2018, 43, 289-294.	1.2	3
69	Abnormal Nailfold Capillaries in Patients after Hand Transplantation. Journal of Clinical Medicine, 2020, 9, 3422.	2.4	3
70	Glucose-induced mesothelial cell senescence and peritoneal neoangiogenesis and fibrosis. Peritoneal Dialysis International, 2008, 28 Suppl 5, S34-7.	2.3	3
71	Increased storage and secretion of phosphatidylcholines by senescent human peritoneal mesothelial cells. Clinical and Experimental Nephrology, 2016, 20, 544-551.	1.6	2
72	Quality of design and reporting of animal research in peritoneal dialysis: A scoping review. Peritoneal Dialysis International, 2020, 40, 394-404.	2.3	2

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73	Daily and seasonal rhythms of interleukin 6 and cortisol levels in saliva and some lifestyle habits of medical students in Poland. FASEB Journal, 2018, 32, 905.12.	0.5	1
74	Effect of Flaxseed (Linum usitatissimum L.) Supplementation on Vascular Endothelial Cell Morphology and Function in Patients with Dyslipidaemiaâ€"A Preliminary Observation. Nutrients, 2022, 14, 2879.	4.1	1
75	Setting Up Research in Peritoneal Dialysis. Contributions To Nephrology, 2012, 178, 200-204.	1.1	0
76	The effectiveness of flaxseed (Linum usitatissimum L.) on the inflammatory response in patients with familial hypercholesterolemia receiving lipid apheresisâ€preliminary results. FASEB Journal, 2019, 33, 755.2.	0.5	0