Elzbieta Kolaczkowska

List of Publications by Year in Descending Order

52 papers	4,862 citations	22 h-index	54 g-index
54 ext. papers	6,076 ext. citations	5.9 avg, IF	6.3 L-index

#	Paper	IF	Citations
52	Patients with COVID-19: in the dark-NETs of neutrophils. *Cell Death and Differentiation*, **2021**, 28, 3125-3139	12.7	61
51	Scrutinizing Mechanisms of the Obesity Paradox in Sepsis: Obesity Is Accompanied by Diminished Formation of Neutrophil Extracellular Traps (NETs) Due to Restricted Neutrophil-Platelet Interactions. *Cells*, **2021**, 10,	7.9	4
50	Metabolic Pathways Involved in Formation of Spontaneous and Lipopolysaccharide-Induced Neutrophil Extracellular Traps (NETs) Differ in Obesity and Systemic Inflammation. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
49	On Neutrophil Extracellular Trap (NET) Removal: What We Know Thus Far and Why So Little. *Cells*, **2020**, 9,	7.9	15
48	Imaging of Neutrophils and Neutrophil Extracellular Traps (NETs) with Intravital (In Vivo) Microscopy. *Methods in Molecular Biology*, **2020**, 2087, 443-466	1.4	3
47	Reduced Neutrophil Extracellular Trap (NET) Formation During Systemic Inflammation in Mice With Menkes Disease and Wilson Disease: Copper Requirement for NET Release. *Frontiers in Immunology* , **2019**, 10, 3021	8.4	6
46	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. *Cell Death and Differentiation*, **2019**, 26, 395-408	12.7	185
45	Elevated Plasma Levels of Cell-Free DNA During Liver Transplantation Are Associated With Activation of Coagulation. *Liver Transplantation*, **2019**, 25, 180-181	4.5	
44	Challenges in 3D culturing of neutrophils: Assessment of cell viability. *Journal of Immunological Methods*, **2018**, 457, 73-77	2.5	10
43	Age is the work of art? Impact of neutrophil and organism age on neutrophil extracellular trap formation. *Cell and Tissue Research*, **2018**, 371, 473-488	4.2	29
42	Platelets and neutrophil extracellular traps collaborate to promote intravascular coagulation during sepsis in mice. *Blood*, **2017**, 129, 1357-1367	2.2	292
41	Decreased expression of the β1integrin on tumor cells is associated with a reduction in liver metastasis of colorectal cancer in mice. *BMC Cancer*, **2017**, 17, 827	4.8	22
40	CXCL9-Derived Peptides Differentially Inhibit Neutrophil Migration through Interference with Glycosaminoglycan Interactions. *Frontiers in Immunology*, **2017**, 8, 530	8.4	24
39	Differential inhibition of activity, activation and gene expression of MMP-9 in THP-1 cells by azithromycin and minocycline versus bortezomib: A comparative study. *PLoS ONE*, **2017**, 12, e0174853	3.7	22
38	An iminosugar-based heparanase inhibitor heparastatin (SF4) suppresses infiltration of neutrophils and monocytes into inflamed dorsal air pouches. *International Immunopharmacology*, **2016**, 35, 15-21	5.8	9
37	Conservative Mechanisms of Extracellular Trap Formation by Annelida Eisenia andrei: Serine Protease Activity Requirement. *PLoS ONE*, **2016**, 11, e0159031	3.7	17
36	The older the faster: aged neutrophils in inflammation. *Blood*, **2016**, 128, 2280-2282	2.2	10

35	Effective activation of antioxidant system by immune-relevant factors reversely correlates with apoptosis of Eisenia andrei coelomocytes. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2016**, 186, 417-30	2.2	15
34	Metallothionein 2 and Heat Shock Protein 72 Protect Allolobophora chlorotica from Cadmium But Not Nickel or Copper Exposure: Body Malformation and Coelomocyte Functioning. *Archives of Environmental Contamination and Toxicology*, **2016**, 71, 267-77	3.2	8
33	A dynamic spectrum of monocytes arising from the in situ reprogramming of CCR2+ monocytes at a site of sterile injury. *Journal of Experimental Medicine*, **2015**, 212, 447-56	16.6	268
32	Molecular mechanisms of NET formation and degradation revealed by intravital imaging in the liver vasculature. *Nature Communications*, **2015**, 6, 6673	17.4	302
31	Imaging the dynamic platelet-neutrophil response in sterile liver injury and repair in mice. *Hepatology*, **2015**, 62, 1593-605	11.2	85
30	Oxygen plasma surface modification augments poly(L-lactide-co-glycolide) cytocompatibility toward osteoblasts and minimizes immune activation of macrophages. *Journal of Biomedical Materials Research - Part A*, **2015**, 103, 3965-77	5.4	8
29	Interference with glycosaminoglycan-chemokine interactions with a probe to alter leukocyte recruitment and inflammation in vivo. *PLoS ONE*, **2014**, 9, e104107	3.7	11
28	Biocompatibility evaluation of glycolide-containing polyesters in contact with osteoblasts and fibroblasts. *Journal of Applied Polymer Science*, **2013**, 127, 3256-3268	2.9	1
27	Leptin stimulation of cell cycle and inhibition of apoptosis gene and protein expression in OVCAR-3 ovarian cancer cells. *Endocrine*, **2013**, 43, 394-403	4	44
26	Carp neutrophilic granulocytes form extracellular traps via ROS-dependent and independent pathways. *Fish and Shellfish Immunology*, **2013**, 34, 1244-52	4.3	42
25	Neutrophil recruitment and function in health and inflammation. *Nature Reviews Immunology*, **2013**, 13, 159-75	36.5	2840
24	Impact of poly(L-lactide) versus poly(L-lactide-co-trimethylene carbonate) on biological characteristics of fibroblasts and osteoblasts. *Folia Biologica*, **2013**, 61, 11-24	0.7	3
23	Phagocytes & granulocytes. Angiogenic neutrophils: a novel subpopulation paradigm. *Blood*, **2012**, 120, 4455-7	2.2	16
22	Toll-like receptors expression and NF-B activation in peritoneal leukocytes in morphine-mediated impairment of zymosan-induced peritonitis in swiss mice. *Archivum Immunologiae Et Therapiae Experimentalis*, **2012**, 60, 373-82	4	6
21	Ceramic modifications of porous titanium: effects on macrophage activation. *Tissue and Cell*, **2012**, 44, 391-400	2.7	23
20	Modulation of zymosan-induced peritonitis by riboflavin co-injection, pre-injection or post-injection in male Swiss mice. *Life Sciences*, **2012**, 91, 1351-7	6.8	11
19	Effects of aliphatic polyesters on activation of the immune system: studies on macrophages. *Journal of Biomaterials Science, Polymer Edition*, **2012**, 23, 715-38	3.5	12
18	Strain-specific effects of riboflavin supplementation on zymosan-induced peritonitis in C57BL/6J, BALB/c and CBA mice. *Life Sciences*, **2011**, 88, 265-71	6.8	19

17	Morphine-modulated mast cell migration and proliferation during early stages of zymosan-induced peritonitis in CBA mice. *Folia Biologica*, **2011**, 59, 99-106	0.7	3
16	Inflammatory macrophages, and not only neutrophils, die by apoptosis during acute peritonitis. *Immunobiology*, **2010**, 215, 492-504	3.4	35
15	Neutrophil elastase activity compensates for a genetic lack of matrix metalloproteinase-9 (MMP-9) in leukocyte infiltration in a model of experimental peritonitis. *Journal of Leukocyte Biology*, **2009**, 85, 374-81	6.5	27
14	Resident peritoneal macrophages and mast cells are important cellular sites of COX-1 and COX-2 activity during acute peritoneal inflammation. *Archivum Immunologiae Et Therapiae Experimentalis*, **2009**, 57, 459-66	4	12
13	Increased cyclooxygenase activity impairs apoptosis of inflammatory neutrophils in mice lacking gelatinase B/matrix metalloproteinase-9. *Immunology*, **2009**, 128, e262-74	7.8	6
12	Altered apoptosis of inflammatory neutrophils in MMP-9-deficient mice is due to lower expression and activity of caspase-3. *Immunology Letters*, **2009**, 126, 73-82	4.1	16
11	Expression profiles of matrix metalloproteinase 9 in teleost fish provide evidence for its active role in initiation and resolution of inflammation. *Immunology*, **2008**, 125, 601-10	7.8	54
10	Gelatinase B/MMP-9 as an inflammatory marker enzyme in mouse zymosan peritonitis: comparison of phase-specific and cell-specific production by mast cells, macrophages and neutrophils. *Immunobiology*, **2008**, 213, 109-24	3.4	41
9	Role of lymphocytes in the course of murine zymosan-induced peritonitis. *Inflammation Research*, **2008**, 57, 272-8	7.2	37
8	Resident peritoneal leukocytes are important sources of MMP-9 during zymosan peritonitis: superior contribution of macrophages over mast cells. *Immunology Letters*, **2007**, 113, 99-106	4.1	21
7	Flow cytometric measurement of neutral red accumulation in earthworm coelomocytes: Novel assay for studies on heavy metal exposure. *European Journal of Soil Biology*, **2007**, 43, S116-S120	2.9	23
6	Enhanced early vascular permeability in gelatinase B (MMP-9)-deficient mice: putative contribution of COX-1-derived PGE2 of macrophage origin. *Journal of Leukocyte Biology*, **2006**, 80, 125-32	6.5	17
5	Gelatinase B/matrix metalloproteinase-9 contributes to cellular infiltration in a murine model of zymosan peritonitis. *Immunobiology*, **2006**, 211, 137-48	3.4	46
4	Effects of macrophage depletion on peritoneal inflammation in swiss mice, edible frogs and goldfish. *Folia Biologica*, **2004**, 52, 225-31	0.7	9
3	Shedding light on vascular permeability during peritonitis: role of mast cell histamine versus macrophage cysteinyl leukotrienes. *Inflammation Research*, **2002**, 51, 519-21	7.2	13
2	Early vascular permeability in murine experimental peritonitis is co-mediated by resident peritoneal macrophages and mast cells: crucial involvement of macrophage-derived cysteinyl-leukotrienes. *Inflammation*, **2002**, 26, 61-71	5.1	53
1	Strain differences in some immune parameters can be obscured by circadian variations and laboratory routines: studies of male C57BL/6J, Balb/c and CB6 F1 mice. *Laboratory Animals*, **2001**, 35, 91-100	2.6	23