Elzbieta Kolaczkowska

List of Publications by Year
in descending order

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54	6,931	257450 24	175258 52
papers	citations	h-index	g-index

54	54	54	12403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neutrophil recruitment and function in health and inflammation. Nature Reviews Immunology, 2013, 13, 159-175.	22.7	3,964
2	Platelets and neutrophil extracellular traps collaborate to promote intravascular coagulation during sepsis in mice. Blood, 2017, 129, 1357-1367.	1.4	472
3	Molecular mechanisms of NET formation and degradation revealed by intravital imaging in the liver vasculature. Nature Communications, 2015, 6, 6673.	12.8	453
4	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, 447-456.	8.5	367
5	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.	11.2	295
6	Patients with COVID-19: in the dark-NETs of neutrophils. Cell Death and Differentiation, 2021, 28, 3125-3139.	11.2	189
7	Imaging the dynamic plateletâ€neutrophil response in sterile liver injury and repair in mice. Hepatology, 2015, 62, 1593-1605.	7.3	110
8	Expression profiles of matrix metalloproteinase 9 in teleost fish provide evidence for its active role in initiation and resolution of inflammation. Immunology, 2008, 125, 601-610.	4.4	65
9	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.	3.8	64
10	Carp neutrophilic granulocytes form extracellular traps via ROS-dependent and independent pathways. Fish and Shellfish Immunology, 2013, 34, 1244-1252.	3.6	56
11	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.	2.9	56
12	Leptin stimulation of cell cycle and inhibition of apoptosis gene and protein expression in OVCAR-3 ovarian cancer cells. Endocrine, 2013, 43, 394-403.	2.3	51
13	Gelatinase B/matrix metalloproteinase-9 contributes to cellular infiltration in a murine model of zymosan peritonitis. Immunobiology, 2006, 211, 137-148.	1.9	49
14	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, 109-124.	1.9	44
15	Inflammatory macrophages, and not only neutrophils, die by apoptosis during acute peritonitis. Immunobiology, 2010, 215, 492-504.	1.9	40
16	Role of lymphocytes in the course of murine zymosan-induced peritonitis. Inflammation Research, 2008, 57, 272-278.	4.0	38
17	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, 374-381.	3.3	36
18	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.	2.5	35

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19	CXCL9-Derived Peptides Differentially Inhibit Neutrophil Migration In Vivo through Interference with Glycosaminoglycan Interactions. Frontiers in Immunology, 2017, 8, 530.	4.8	33
20	Decreased expression of the Î²2 integrin on tumor cells is associated with a reduction in liver metastasis of colorectal cancer in mice. BMC Cancer, 2017, 17, 827.	2.6	29
21	On Neutrophil Extracellular Trap (NET) Removal: What We Know Thus Far and Why So Little. Cells, 2020, 9, 2079.	4.1	28
22	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.	1.0	27
23	Ceramic modifications of porous titanium: Effects on macrophage activation. Tissue and Cell, 2012, 44, 391-400.	2.2	27
24	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.	3.2	25
25	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.	2.5	24
26	Conservative Mechanisms of Extracellular Trap Formation by Annelida Eisenia andrei: Serine Protease Activity Requirement. PLoS ONE, 2016, 11, e0159031.	2.5	22
27	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, 125-132.	3.3	21
28	Strain-specific effects of riboflavin supplementation on zymosan-induced peritonitis in C57BL/6J, BALB/c and CBA mice. Life Sciences, 2011, 88, 265-271.	4.3	21
29	The older the faster: aged neutrophils in inflammation. Blood, 2016, 128, 2280-2282.	1.4	19
30	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, 417-430.	1.5	19
31	Effects of Aliphatic Polyesters on Activation of the Immune System: Studies on Macrophages. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 715-738.	3.5	18
32	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.	2.5	17
33	Angiogenic neutrophils: a novel subpopulation paradigm. Blood, 2012, 120, 4455-4457.	1.4	17
34	Scrutinizing Mechanisms of the â€˜Obesity Paradox in Sepsisâ€™: Obesity Is Accompanied by Diminished Formation of Neutrophil Extracellular Traps (NETs) Due to Restricted Neutrophilâ€“Platelet Interactions. Cells, 2021, 10, 384.	4.1	17
35	Shedding light on vascular permeability during peritonitis: role of mast cell histamine versus macrophage cysteinyl leukotrienes. Inflammation Research, 2002, 51, 519-521.	4.0	15
36	Interference with Glycosaminoglycan-Chemokine Interactions with a Probe to Alter Leukocyte Recruitment and Inflammation In Vivo. PLoS ONE, 2014, 9, e104107.	2.5	15

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37	Challenges in 3D culturing of neutrophils: Assessment of cell viability. Journal of Immunological Methods, 2018, 457, 73-77.	1.4	14
38	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, 7718.	4.1	14
39	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, 459-466.	2.3	13
40	Modulation of zymosan-induced peritonitis by riboflavin co-injection, pre-injection or post-injection in male Swiss mice. Life Sciences, 2012, 91, 1351-1357.	4.3	13
41	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.	4.8	13
42	Oxygen plasma surface modification augments poly(Lâ€lactideâ€coâ€glycolide) cytocompatibility toward osteoblasts and minimizes immune activation of macrophages. Journal of Biomedical Materials Research - Part A, 2015, 103, 3965-3977.	4.0	12
43	Effects of macrophage depletion on peritoneal inflammation in swiss mice, edible frogs and goldfish. Folia Biologica, 2004, 52, 225-231.	0.5	11
44	An iminosugar-based heparanase inhibitor heparastatin (SF4) suppresses infiltration of neutrophils and monocytes into inflamed dorsal air pouches. International Immunopharmacology, 2016, 35, 15-21.	3.8	11
45	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, 267-277.	4.1	10
46	Increased cyclooxygenase activity impairs apoptosis of inflammatory neutrophils in mice lacking gelatinase B/matrix metalloproteinaseâ€9. Immunology, 2009, 128, e262-74.	4.4	8
47	Toll-Like Receptors Expression and NF-Î°B Activation in Peritoneal Leukocytes in Morphine-Mediated Impairment of Zymosan-Induced Peritonitis in Swiss Mice. Archivum Immunologiae Et Therapiae Experimentalis, 2012, 60, 373-382.	2.3	7
48	Itaconate Suppresses Formation of Neutrophil Extracellular Traps (NETs): Involvement of Hypoxia-Inducible Factor 1Î± (Hif-1Î±) and Heme Oxygenase (HO-1). Frontiers in Immunology, 0, 13, .	4.8	7
49	Imaging of Neutrophils and Neutrophil Extracellular Traps (NETs) with Intravital (In Vivo) Microscopy. Methods in Molecular Biology, 2020, 2087, 443-466.	0.9	6
50	Morphine-Modulated Mast Cell Migration and Proliferation during Early Stages of Zymosan-Induced Peritonitis in CBA Mice. Folia Biologica, 2011, 59, 99-106.	0.5	5
51	Biocompatibility evaluation of glycolideâ€containing polyesters in contact with osteoblasts and fibroblasts. Journal of Applied Polymer Science, 2013, 127, 3256-3268.	2.6	3
52	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.	0.5	3
53	Editorial: Intravital Microscopy Imaging of Leukocytes. Frontiers in Immunology, 2020, 11, 2137.	4.8	3
54	Elevated Plasma Levels of Cellâ€Free DNA During Liver Transplantation Are Associated With Activation of Coagulation. Liver Transplantation, 2019, 25, 180-181.	2.4	0