

Elzbieta Kolaczowska

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

6,931
citations

257101

24
h-index

174990

52
g-index

54
all docs

54
docs citations

54
times ranked

12403
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil recruitment and function in health and inflammation. <i>Nature Reviews Immunology</i> , 2013, 13, 159-175.	10.6	3,964
2	Platelets and neutrophil extracellular traps collaborate to promote intravascular coagulation during sepsis in mice. <i>Blood</i> , 2017, 129, 1357-1367.	0.6	472
3	Molecular mechanisms of NET formation and degradation revealed by intravital imaging in the liver vasculature. <i>Nature Communications</i> , 2015, 6, 6673.	5.8	453
4	A dynamic spectrum of monocytes arising from the in situ reprogramming of CCR2+ monocytes at a site of sterile injury. <i>Journal of Experimental Medicine</i> , 2015, 212, 447-456.	4.2	367
5	To NET or not to NET: current opinions and state of the science regarding the formation of neutrophil extracellular traps. <i>Cell Death and Differentiation</i> , 2019, 26, 395-408.	5.0	295
6	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , 2021, 28, 3125-3139.	5.0	189
7	Imaging the dynamic platelet-neutrophil response in sterile liver injury and repair in mice. <i>Hepatology</i> , 2015, 62, 1593-1605.	3.6	110
8	Expression profiles of matrix metalloproteinase 9 in teleost fish provide evidence for its active role in initiation and resolution of inflammation. <i>Immunology</i> , 2008, 125, 601-610.	2.0	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. <i>Inflammation</i> , 2002, 26, 61-71.	1.7	64
10	Carp neutrophilic granulocytes form extracellular traps via ROS-dependent and independent pathways. <i>Fish and Shellfish Immunology</i> , 2013, 34, 1244-1252.	1.6	56
11	Age is the work of art? Impact of neutrophil and organism age on neutrophil extracellular trap formation. <i>Cell and Tissue Research</i> , 2018, 371, 473-488.	1.5	56
12	Leptin stimulation of cell cycle and inhibition of apoptosis gene and protein expression in OVCAR-3 ovarian cancer cells. <i>Endocrine</i> , 2013, 43, 394-403.	1.1	51
13	Gelatinase B/matrix metalloproteinase-9 contributes to cellular infiltration in a murine model of zymosan peritonitis. <i>Immunobiology</i> , 2006, 211, 137-148.	0.8	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. <i>Immunobiology</i> , 2008, 213, 109-124.	0.8	44
15	Inflammatory macrophages, and not only neutrophils, die by apoptosis during acute peritonitis. <i>Immunobiology</i> , 2010, 215, 492-504.	0.8	40
16	Role of lymphocytes in the course of murine zymosan-induced peritonitis. <i>Inflammation Research</i> , 2008, 57, 272-278.	1.6	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. <i>Journal of Leukocyte Biology</i> , 2009, 85, 374-381.	1.5	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. <i>PLoS ONE</i> , 2017, 12, e0174853.	1.1	35

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19	CXCL9-Derived Peptides Differentially Inhibit Neutrophil Migration In Vivo through Interference with Glycosaminoglycan Interactions. <i>Frontiers in Immunology</i> , 2017, 8, 530.	2.2	33
20	Decreased expression of the $\beta 2$ integrin on tumor cells is associated with a reduction in liver metastasis of colorectal cancer in mice. <i>BMC Cancer</i> , 2017, 17, 827.	1.1	29
21	On Neutrophil Extracellular Trap (NET) Removal: What We Know Thus Far and Why So Little. <i>Cells</i> , 2020, 9, 2079.	1.8	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. <i>Laboratory Animals</i> , 2001, 35, 91-100.	0.5	27
23	Ceramic modifications of porous titanium: Effects on macrophage activation. <i>Tissue and Cell</i> , 2012, 44, 391-400.	1.0	27
24	Flow cytometric measurement of neutral red accumulation in earthworm coelomocytes: Novel assay for studies on heavy metal exposure. <i>European Journal of Soil Biology</i> , 2007, 43, S116-S120.	1.4	25
25	Resident peritoneal leukocytes are important sources of MMP-9 during zymosan peritonitis: Superior contribution of macrophages over mast cells. <i>Immunology Letters</i> , 2007, 113, 99-106.	1.1	24
26	Conservative Mechanisms of Extracellular Trap Formation by Annelida <i>Eisenia andrei</i> : Serine Protease Activity Requirement. <i>PLoS ONE</i> , 2016, 11, e0159031.	1.1	22
27	Enhanced early vascular permeability in gelatinase B (MMP-9)-deficient mice: putative contribution of COX-1-derived PGE2 of macrophage origin. <i>Journal of Leukocyte Biology</i> , 2006, 80, 125-132.	1.5	21
28	Strain-specific effects of riboflavin supplementation on zymosan-induced peritonitis in C57BL/6J, BALB/c and CBA mice. <i>Life Sciences</i> , 2011, 88, 265-271.	2.0	21
29	The older the faster: aged neutrophils in inflammation. <i>Blood</i> , 2016, 128, 2280-2282.	0.6	19
30	Effective activation of antioxidant system by immune-relevant factors reversely correlates with apoptosis of <i>Eisenia andrei</i> coelomocytes. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 417-430.	0.7	19
31	Effects of Aliphatic Polyesters on Activation of the Immune System: Studies on Macrophages. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 715-738.	1.9	18
32	Altered apoptosis of inflammatory neutrophils in MMP-9-deficient mice is due to lower expression and activity of caspase-3. <i>Immunology Letters</i> , 2009, 126, 73-82.	1.1	17
33	Angiogenic neutrophils: a novel subpopulation paradigm. <i>Blood</i> , 2012, 120, 4455-4457.	0.6	17
34	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. <i>Cells</i> , 2021, 10, 384.	1.8	17
35	Shedding light on vascular permeability during peritonitis: role of mast cell histamine versus macrophage cysteinyl leukotrienes. <i>Inflammation Research</i> , 2002, 51, 519-521.	1.6	15
36	Interference with Glycosaminoglycan-Chemokine Interactions with a Probe to Alter Leukocyte Recruitment and Inflammation In Vivo. <i>PLoS ONE</i> , 2014, 9, e104107.	1.1	15

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37	Challenges in 3D culturing of neutrophils: Assessment of cell viability. <i>Journal of Immunological Methods</i> , 2018, 457, 73-77.	0.6	14
38	Metabolic Pathways Involved in Formation of Spontaneous and Lipopolysaccharide-Induced Neutrophil Extracellular Traps (NETs) Differ in Obesity and Systemic Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7718.	1.8	14
39	Resident peritoneal macrophages and mast cells are important cellular sites of COX-1 and COX-2 activity during acute peritoneal inflammation. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2009, 57, 459-466.	1.0	13
40	Modulation of zymosan-induced peritonitis by riboflavin co-injection, pre-injection or post-injection in male Swiss mice. <i>Life Sciences</i> , 2012, 91, 1351-1357.	2.0	13
41	Reduced Neutrophil Extracellular Trap (NET) Formation During Systemic Inflammation in Mice With Menkes Disease and Wilson Disease: Copper Requirement for NET Release. <i>Frontiers in Immunology</i> , 2019, 10, 3021.	2.2	13
42	Oxygen plasma surface modification augments poly(L-lactide-co-glycolide) cytocompatibility toward osteoblasts and minimizes immune activation of macrophages. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3965-3977.	2.1	12
43	Effects of macrophage depletion on peritoneal inflammation in swiss mice, edible frogs and goldfish. <i>Folia Biologica</i> , 2004, 52, 225-231.	0.1	11
44	An iminosugar-based heparanase inhibitor heparastatin (SF4) suppresses infiltration of neutrophils and monocytes into inflamed dorsal air pouches. <i>International Immunopharmacology</i> , 2016, 35, 15-21.	1.7	11
45	Metallothionein 2 and Heat Shock Protein 72 Protect <i>Allolobophora chlorotica</i> from Cadmium But Not Nickel or Copper Exposure: Body Malformation and Coelomocyte Functioning. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 71, 267-277.	2.1	10
46	Increased cyclooxygenase activity impairs apoptosis of inflammatory neutrophils in mice lacking gelatinase B/matrix metalloproteinase-9. <i>Immunology</i> , 2009, 128, e262-74.	2.0	8
47	Toll-Like Receptors Expression and NF- κ B Activation in Peritoneal Leukocytes in Morphine-Mediated Impairment of Zymosan-Induced Peritonitis in Swiss Mice. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2012, 60, 373-382.	1.0	7
48	Itaconate Suppresses Formation of Neutrophil Extracellular Traps (NETs): Involvement of Hypoxia-Inducible Factor 1 α (Hif-1 α) and Heme Oxygenase (HO-1). <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
49	Imaging of Neutrophils and Neutrophil Extracellular Traps (NETs) with Intravital (In Vivo) Microscopy. <i>Methods in Molecular Biology</i> , 2020, 2087, 443-466.	0.4	6
50	Morphine-Modulated Mast Cell Migration and Proliferation during Early Stages of Zymosan-Induced Peritonitis in CBA Mice. <i>Folia Biologica</i> , 2011, 59, 99-106.	0.1	5
51	Biocompatibility evaluation of glycolide-containing polyesters in contact with osteoblasts and fibroblasts. <i>Journal of Applied Polymer Science</i> , 2013, 127, 3256-3268.	1.3	3
52	Impact of Poly(L-lactide) versus Poly(L-Lactide-co-Trimethylene Carbonate) on Biological Characteristics of Fibroblasts and Osteoblasts*. <i>Folia Biologica</i> , 2013, 61, 11-24.	0.1	3
53	Editorial: Intravital Microscopy Imaging of Leukocytes. <i>Frontiers in Immunology</i> , 2020, 11, 2137.	2.2	3
54	Elevated Plasma Levels of Cell-Free DNA During Liver Transplantation Are Associated With Activation of Coagulation. <i>Liver Transplantation</i> , 2019, 25, 180-181.	1.3	0