

Ewa Brzezińska-Błaszczyk

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

1,439
citations

394286

19
h-index

414303

32
g-index

101
all docs

101
docs citations

101
times ranked

2132
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Review paper Cathelicidin impact on inflammatory cells. Central-European Journal of Immunology, 2015, 2, 225-235. | 0.4 | 147 |
| 2 | Effect of scaling and root planing on interleukin-1 β , interleukin-8 and MMP-8 levels in gingival crevicular fluid from chronic periodontitis patients. Journal of Periodontal Research, 2012, 47, 681-688. | 1.4 | 68 |
| 3 | Gene and protein expression of glucose transporter 1 and glucose transporter 3 in human laryngeal cancer – the relationship with regulatory hypoxia-inducible factor-1 α expression, tumor invasiveness, and patient prognosis. Tumor Biology, 2015, 36, 2309-2321. | 0.8 | 62 |
| 4 | An overview of mast cell pattern recognition receptors. Inflammation Research, 2018, 67, 737-746. | 1.6 | 62 |
| 5 | Mast cells participate in chronic low-grade inflammation within adipose tissue. Obesity Reviews, 2018, 19, 686-697. | 3.1 | 56 |
| 6 | Human-derived cathelicidin LL-37 directly activates mast cells to proinflammatory mediator synthesis and migratory response. Cellular Immunology, 2015, 293, 67-73. | 1.4 | 43 |
| 7 | Surface TLR2 and TLR4 Expression on Mature Rat Mast Cells Can Be Affected by Some Bacterial Components and Proinflammatory Cytokines. Mediators of Inflammation, 2011, 2011, 1-11. | 1.4 | 41 |
| 8 | Expression of surface and intracellular Toll-like receptors by mature mast cells. Central-European Journal of Immunology, 2016, 4, 333-338. | 0.4 | 40 |
| 9 | Decreased Proinflammatory Cytokines in Cervicovaginal Fluid, as Measured in Midgestation, are Associated with Preterm Delivery. American Journal of Reproductive Immunology, 2005, 54, 70-76. | 1.2 | 34 |
| 10 | Tumor Necrosis Factor (TNF) Is a Potent Rat Mast Cell Chemoattractant. Journal of Interferon and Cytokine Research, 2007, 27, 911-920. | 0.5 | 34 |
| 11 | Cathelicidin LL-37 Affects Surface and Intracellular Toll-Like Receptor Expression in Tissue Mast Cells. Journal of Immunology Research, 2018, 2018, 1-18. | 0.9 | 31 |
| 12 | Mast cells as the strength of the inflammatory process. Polish Journal of Pathology, 2017, 68, 187-196. | 0.1 | 30 |
| 13 | Diverse effects of bacterial cell wall components on mast cell degranulation, cysteinyl leukotriene generation and migration. Microbiology and Immunology, 2009, 53, 694-703. | 0.7 | 28 |
| 14 | Alarmins (IL-33, sST2, HMGB1, and S100B) as potential biomarkers for schizophrenia. Journal of Psychiatric Research, 2021, 138, 380-387. | 1.5 | 28 |
| 15 | Gene and protein expression of O-GlcNAc-cycling enzymes in human laryngeal cancer. Clinical and Experimental Medicine, 2015, 15, 455-468. | 1.9 | 25 |
| 16 | Serum concentrations of antimicrobial peptide cathelicidin LL-37 in patients with bacterial lung infections. Central-European Journal of Immunology, 2018, 43, 453-457. | 0.4 | 22 |
| 17 | Adipocytokines leptin and adiponectin function as mast cell activity modulators. Immunology, 2019, 158, 3-18. | 2.0 | 22 |
| 18 | IL-6, but not IL-4, stimulates chemokinesis and TNF stimulates chemotaxis of tissue mast cells: involvement of both mitogen-activated protein kinases and phosphatidylinositol 3-kinase signalling pathways. Apmis, 2009, 117, 558-567. | 0.9 | 21 |

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|----|--|-----|-----------|
| 19 | Effect of cisplatin and cis-platinum (II) phosphonate complex on murine mast cells. <i>European Journal of Pharmacology</i> , 1996, 298, 155-158. | 1.7 | 20 |
| 20 | The RLR/NLR expression and pro-inflammatory activity of tissue mast cells are regulated by cathelicidin LL-37 and defensin hBD-2. <i>Scientific Reports</i> , 2018, 8, 11750. | 1.6 | 20 |
| 21 | Clinical immunology Archaea prevalence in inflamed pulp tissues. <i>Central-European Journal of Immunology</i> , 2015, 2, 194-200. | 0.4 | 19 |
| 22 | Adipocytokine Involvement in Innate Immune Mechanisms. <i>Journal of Interferon and Cytokine Research</i> , 2018, 38, 527-538. | 0.5 | 19 |
| 23 | The expression of toll-like receptors in peripheral blood mononuclear cells is altered in schizophrenia. <i>Psychiatry Research</i> , 2019, 272, 540-550. | 1.7 | 19 |
| 24 | Lipopolysaccharide from <i>Porphyromonas Gingivalis</i> Stimulates Rat Mast Cells to Cysteinyl Leukotriene Generation and Upregulates Toll-like Receptor α^2 and α^4 Expression. <i>International Journal of Immunopathology and Pharmacology</i> , 2010, 23, 803-810. | 1.0 | 18 |
| 25 | Cathelicidin rCRAMP stimulates rat mast cells to generate cysteinyl leukotrienes, synthesize TNF and migrate: involvement of PLC/A2, PI3K and MAPK signaling pathways. <i>International Immunology</i> , 2014, 26, 637-646. | 1.8 | 18 |
| 26 | Curdlan stimulates tissue mast cells to synthesize pro-inflammatory mediators, generate ROS, and migrate via Dectin-1 receptor. <i>Cellular Immunology</i> , 2020, 351, 104079. | 1.4 | 18 |
| 27 | Lipoteichoic acids selectively stimulate rat mast cells to cysteinyl leukotriene generation and affect mast cell migration after tumor necrosis factor (TNF)-priming. <i>Immunology Letters</i> , 2007, 109, 138-144. | 1.1 | 17 |
| 28 | Leptin stimulates tissue rat mast cell pro-inflammatory activity and migratory response. <i>Inflammation Research</i> , 2018, 67, 789-799. | 1.6 | 17 |
| 29 | Cathelicidins and defensins regulate mast cell antimicrobial activity. <i>Postepy Higieny I Medycyny Doswiadczonej</i> , 2016, 70, 618-636. | 0.1 | 17 |
| 30 | Interleukin (IL)-10 inhibits RANTES-, tumour necrosis factor (TNF)- and nerve growth factor (NGF)-induced mast cell migratory response but is not a mast cell chemoattractant. <i>Immunology Letters</i> , 2009, 123, 46-51. | 1.1 | 16 |
| 31 | Endogenous antimicrobial factors in the treatment of infectious diseases. <i>Central-European Journal of Immunology</i> , 2016, 4, 419-425. | 0.4 | 16 |
| 32 | Tumor necrosis factor $\hat{I}\pm$ (TNF- $\hat{I}\pm$) activates human adenoidal and cutaneous mast cells to histamine secretion. <i>Immunology Letters</i> , 1997, 59, 139-143. | 1.1 | 15 |
| 33 | Leptin receptor is expressed by tissue mast cells. <i>Immunologic Research</i> , 2018, 66, 557-566. | 1.3 | 15 |
| 34 | The Art of Mast Cell Adhesion. <i>Cells</i> , 2020, 9, 2664. | 1.8 | 15 |
| 35 | Circulating cathelicidin LL-37 in adult patients with pulmonary infectious diseases. <i>Clinical and Investigative Medicine</i> , 2017, 40, 34. | 0.3 | 15 |
| 36 | Kinetics of Specific IgE Antibody and Total IgE Responses in Mice: The Effect of Immunosuppressive Treatment. <i>International Archives of Allergy and Immunology</i> , 1983, 72, 16-21. | 0.9 | 14 |

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|----|--|-----|-----------|
| 37 | Presence of archaea and selected bacteria in infected root canal systems. <i>Canadian Journal of Microbiology</i> , 2018, 64, 317-326. | 0.8 | 14 |
| 38 | Histamine release from mast cells of various species induced by histamine releasing factor from human lymphocytes. <i>Agents and Actions</i> , 1987, 21, 26-31. | 0.7 | 13 |
| 39 | Functional studies of skin mast cells in lichen planus. <i>Archives of Dermatological Research</i> , 1997, 289, 261-264. | 1.1 | 13 |
| 40 | Tumor necrosis factor alpha (TNF- α) modulates rat mast cell reactivity. <i>Immunology Letters</i> , 1998, 64, 167-171. | 1.1 | 13 |
| 41 | Mannan activates tissue native and IgE-sensitized mast cells to proinflammatory response and chemotaxis in TLR4-dependent manner. <i>Journal of Leukocyte Biology</i> , 2021, 109, 931-942. | 1.5 | 13 |
| 42 | Action of Tumor Necrosis Factor-alpha on Rat Mast Cells. <i>Journal of Interferon and Cytokine Research</i> , 2000, 20, 377-382. | 0.5 | 12 |
| 43 | The association between maternal cervicovaginal proinflammatory cytokines concentrations during pregnancy and subsequent early-onset neonatal infection. <i>Journal of Perinatal Medicine</i> , 2006, 34, 371-7. | 0.6 | 12 |
| 44 | Serum levels of peptide cathelicidin LL-37 in elderly patients with depression. <i>Psychiatry Research</i> , 2017, 255, 156-160. | 1.7 | 12 |
| 45 | The role of adipokines in the modulation of lymphoid lineage cell development and activity: An overview. <i>Obesity Reviews</i> , 2020, 21, e13055. | 3.1 | 12 |
| 46 | Analysis of IL-1 β , CXCL8, and TNF- α levels in the crevicular fluid of patients with periodontitis or healthy implants. <i>BMC Oral Health</i> , 2021, 21, 120. | 0.8 | 12 |
| 47 | Effects of PBMC-derived histamine-releasing factors on histamine release from human skin and lung mast cells. <i>Clinical and Experimental Allergy</i> , 1995, 25, 890-895. | 1.4 | 11 |
| 48 | In vitro reactivity of mast cells in urticaria pigmentosa skin. <i>Archives of Dermatological Research</i> , 1998, 290, 14-17. | 1.1 | 11 |
| 49 | Leukotriene receptor expression in mast cells is affected by their agonists. <i>Cellular Immunology</i> , 2017, 317, 37-47. | 1.4 | 11 |
| 50 | Evaluation of Metalloproteinase-8 Levels in Crevicular Fluid of Patients with Healthy Implants or Periodontitis. <i>Mediators of Inflammation</i> , 2017, 2017, 1-7. | 1.4 | 11 |
| 51 | The association between serum levels of TNF- α and IL-6 in schizophrenic patients and their metabolic status – A case control study. <i>Journal of Neuroimmunology</i> , 2020, 347, 577344. | 1.1 | 10 |
| 52 | Expression of Dopamine D1 α 4 and Serotonin 5-HT1A-3A Receptors in Blood Mononuclear Cells in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2021, 12, 645081. | 1.3 | 10 |
| 53 | IgE by Itself Affects Mature Rat Mast Cell Preformed and De Novo-Synthesized Mediator Release and Amplifies Mast Cell Migratory Response. <i>PLoS ONE</i> , 2013, 8, e79286. | 1.1 | 9 |
| 54 | Serum level of cathelicidin LL-37 in patients with active tuberculosis and other infectious diseases. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2017, 31, 731-736. | 0.7 | 9 |

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|----|---|-----|-----------|
| 55 | Different potency of bacterial antigens TLR2 and TLR4 ligands in stimulating mature mast cells to cysteinyl leukotriene synthesis. <i>Microbiology and Immunology</i> , 2012, 56, 183-190. | 0.7 | 8 |
| 56 | The Response of Tissue Mast Cells to TLR3 Ligand Poly(I:C) Treatment. <i>Journal of Immunology Research</i> , 2020, 2020, 1-13. | 0.9 | 8 |
| 57 | Fungal β -glucans and mannan stimulate peripheral blood mononuclear cells to cytokine production in Syk-dependent manner. <i>Immunobiology</i> , 2020, 225, 151985. | 0.8 | 7 |
| 58 | The impact of TLR7 agonist R848 treatment on mast cell phenotype and activity. <i>Cellular Immunology</i> , 2021, 359, 104241. | 1.4 | 6 |
| 59 | Different effectiveness of fungal pathogen-associated molecular patterns (PAMPs) in activating rat peritoneal mast cells. <i>Immunology Letters</i> , 2022, 248, 7-15. | 1.1 | 6 |
| 60 | β -Defensin Strengthens Antimicrobial Peritoneal Mast Cell Response. <i>Journal of Immunology Research</i> , 2020, 2020, 1-14. | 0.9 | 5 |
| 61 | Mast cells generate cysteinyl leukotrienes and interferon-beta as well as evince impaired IgE-dependent degranulation upon TLR7 engagement. <i>Indian Journal of Experimental Biology</i> , 2014, 52, 589-96. | 0.5 | 5 |
| 62 | Histamine release from human adenoidal and mesenteric mast cells induced by bacterial antigens. <i>Agents and Actions</i> , 1988, 23, 230-232. | 0.7 | 4 |
| 63 | Circulating cathelicidin LL-37 level is increased in euthymic patients with bipolar disorder. <i>Journal of Clinical Neuroscience</i> , 2018, 48, 168-172. | 0.8 | 4 |
| 64 | Human cathelicidin LL-37 "Does it influence the homeostatic imbalance in mental disorders?". <i>Journal of Biosciences</i> , 2018, 43, 321-327. | 0.5 | 4 |
| 65 | Native and IgE-primed rat peritoneal mast cells exert pro-inflammatory activity and migrate in response to yeast zymosan upon Dectin-1 engagement. <i>Immunologic Research</i> , 2021, 69, 176-188. | 1.3 | 4 |
| 66 | Mast cell phenotypic plasticity and their activity under the influence of cathelicidin-related antimicrobial peptide (CRAMP) and IL-33 alarmins. <i>Cellular Immunology</i> , 2021, 369, 104424. | 1.4 | 4 |
| 67 | Anaphylactic histamine release from peritoneal mast cells of two inbred strains of rats sensitized with mouse IgE. <i>Agents and Actions</i> , 1981, 11, 100-102. | 0.7 | 3 |
| 68 | Do Mast Cells Contribute to the Antifungal Host Defense?. <i>Cells</i> , 2021, 10, 2510. | 1.8 | 3 |
| 69 | Status of cathelicidin LL-37, cytokine TNF, and vitamin D in patients with pulmonary tuberculosis. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2018, 32, 321-325. | 0.7 | 3 |
| 70 | Histamine-releasing properties of mast cells from various strains of mice. <i>Agents and Actions</i> , 1984, 14, 361-364. | 0.7 | 2 |
| 71 | Histamine secretion from human mesenteric and adenoidal mast cells. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 1992, 40, 97-102. | 1.0 | 2 |
| 72 | Histamine-releasing activity of lymphocyte supernatants of guinea pig spleen cell cultures. <i>Immunology Letters</i> , 1986, 13, 289-294. | 1.1 | 1 |

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|----|---|-----|-----------|
| 73 | Isolation and sensitivity of human mesenteric mast cells to immunological and nonimmunological histamine releasers. <i>Agents and Actions</i> , 1987, 20, 226-228. | 0.7 | 1 |
| 74 | Expression of prostaglandin E 2 prostanoid receptor EP2 and interleukin-1 β in laryngeal carcinoma – preliminary study. <i>Wspolczesna Onkologia</i> , 2015, 2, 113-119. | 0.7 | 1 |
| 75 | Expression of Th17 cell population regulatory cytokines in laryngeal carcinoma – Preliminary study. <i>Wspolczesna Onkologia</i> , 2015, 3, 195-200. | 0.7 | 1 |
| 76 | Body composition does not affect serum levels of cathelicidin LL-37 in elderly women with unipolar depression. <i>Nordic Journal of Psychiatry</i> , 2018, 72, 45-50. | 0.7 | 1 |
| 77 | Expression of Toll-like receptors 2 and 4 on peripheral mononuclear cells (PBMCs) after laparoscopic cholecystectomy. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2019, 79, 449-454. | 0.6 | 1 |
| 78 | In vitro cytokine synthesis in unstimulated and mitogen-stimulated peripheral blood mononuclear cells from individuals with schizophrenia. <i>Journal of Investigative Medicine</i> , 2019, 67, 1053-1060. | 0.7 | 1 |
| 79 | Understanding the immunopathology of SARS-CoV-2 infection - the key to successful COVID-19 therapy. <i>Farmacja Polska</i> , 2021, 77, 155-165. | 0.1 | 1 |
| 80 | Serum level of cathelicidin LL-37 is increased in euthymic patients with bipolar disorder irrespective of their cardio-metabolic status. <i>Revista De Psiquiatria Clinica</i> , 2019, 46, 66-71. | 0.6 | 1 |
| 81 | Reversed anaphylaxis with anti-IgE on mouse and rat mast cells. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 1980, 28, 559-64. | 1.0 | 1 |
| 82 | Serum Levels and in vitro CX3CL1 (Fractalkine), CXCL8, and IL-10 Synthesis in Phytohemagglutinin-Stimulated and Non-stimulated Peripheral Blood Mononuclear Cells in Subjects With Schizophrenia. <i>Frontiers in Psychiatry</i> , 0, 13, . | 1.3 | 1 |
| 83 | Mast Cells as a Source and Target for Histamine. , 2010, , 247-284. | | 0 |
| 84 | Are mast cells the Trojan horse in HIV-1 infection?. <i>Central-European Journal of Immunology</i> , 2012, 4, 382-386. | 0.4 | 0 |
| 85 | Experimental immunology Fc μ RI-mediated mast cell response is modulated by TLR2 and TLR4 ligation. <i>Central-European Journal of Immunology</i> , 2013, 1, 23-28. | 0.4 | 0 |
| 86 | Stem cell factor-dependent mast cell proliferation, maturation and activity can be regulated by inhibitory receptors. <i>Central-European Journal of Immunology</i> , 2013, 1, 134-140. | 0.4 | 0 |
| 87 | Toll-like receptors 3 ligation directly and indirectly affects mast cell cysteinyl leukotriene generation. <i>Central-European Journal of Immunology</i> , 2013, 3, 343-348. | 0.4 | 0 |
| 88 | Expression of cell adhesion molecules in laryngeal carcinoma – preliminary analysis. <i>Wspolczesna Onkologia</i> , 2014, 6, 403-408. | 0.7 | 0 |
| 89 | Mast Cells and their Role in Inflammation. , 1993, , 267-295. | | 0 |
| 90 | The reactivity of the immune system in some psychiatric disorders. <i>Psychiatria I Psychologia Kliniczna</i> , 2015, 15, 182-188. | 0.3 | 0 |

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|----|--|-----|-----------|
| 91 | Anaphylactic histamine release from human gastric and duodenal mast cells. Journal of Investigational Allergology and Clinical Immunology, 1994, 4, 242-5. | 0.6 | 0 |
| 92 | Systemic concentration of apelin, but not resistin or chemerin, is altered in patients with schizophrenia. Journal of Investigative Medicine, 2021, 69, 56-65. | 0.7 | 0 |