Urszula Demkow

List of Publications by Year
in descending order

91 papers	1,716 citations	361413 20 h-index	345221 36 g-index
93 all docs	93 docs citations	93 times ranked	2958 citing authors

#	Article	IF	Citations
1	Perforin: an important player in immune response. Central-European Journal of Immunology, 2014, 1, 109-115.	1.2	127
2	The Brain Entangled: The Contribution of Neutrophil Extracellular Traps to the Diseases of the Central Nervous System. Cells, 2019, 8, 1477.	4.1	102
3	Neutrophil Extracellular Traps (NETs) in Cancer Invasion, Evasion and Metastasis. Cancers, 2021, 13, 4495.	3.7	89
4	Brain inflammation and hypertension: the chicken or the egg?. Journal of Neuroinflammation, 2015, 12, 85.	7.2	86
5	Immunomodulatory Role of Vitamin D: A Review. Advances in Experimental Medicine and Biology, 2018, 1108, 13-23.	1.6	77
6	Evolution of Genetic Techniques: Past, Present, and Beyond. BioMed Research International, 2015, 2015, 1-7.	1.9	67
7	Cross-talk between the inflammatory response, sympathetic activation and pulmonary infection in the ischemic stroke. Journal of Neuroinflammation, 2014, 11, 213.	7.2	66
8	Neutrophils in asthmaâ€"A review. Respiratory Physiology and Neurobiology, 2015, 209, 13-16.	1.6	66
9	Azithromycin and Chloramphenicol Diminish Neutrophil Extracellular Traps (NETs) Release. International Journal of Molecular Sciences, 2017, 18, 2666.	4.1	62
10	Immunological aspects of antitumor photodynamic therapy outcome. Central-European Journal of Immunology, 2015, 4, 481-485.	1.2	55
11	Neutrophils: The Role of Oxidative and Nitrosative Stress in Health and Disease. Advances in Experimental Medicine and Biology, 2015, 857, 51-60.	1.6	53
12	Neutrophil Extracellular Traps (NETs) in Severe SARS-CoV-2 Lung Disease. International Journal of Molecular Sciences, 2021, 22, 8854.	4.1	51
13	Etiology of parapneumonic effusion and pleural empyema in children. The role of conventional and molecular microbiological tests.. Respiratory Medicine, 2016, 116, 28-33.	2.9	49
14	Nitric oxide and peroxynitrite trigger and enhance release of neutrophil extracellular traps. Cellular and Molecular Life Sciences, 2020, 77, 3059-3075.	5.4	47
15	Cardiotoxicity of cisplatin-based chemotherapy in advanced non-small cell lung cancer patients. Respiratory Physiology and Neurobiology, 2013, 187, 64-67.	1.6	41
16	The influence of agents differentiating <scp>HL</scp>â€60 cells toward granulocyteâ€like cells on their ability to release neutrophil extracellular traps. Immunology and Cell Biology, 2018, 96, 413-425.	2.3	41
17	Phagocytosis, Degranulation and Extracellular Traps Release by Neutrophilsâ€"The Current Knowledge, Pharmacological Modulation and Future Prospects. Frontiers in Pharmacology, 2021, 12, 666732.	3.5	41
18	Novel calcineurin A (PPP3CA) variant associated with epilepsy, constitutive enzyme activation and downregulation of protein expression. European Journal of Human Genetics, 2019, 27, 61-69.	2.8	26

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19	Targeting the thioredoxin system as a novel strategy against Bâ€cell acute lymphoblastic leukemia. Molecular Oncology, 2019, 13, 1180-1195.	4.6	24
20	Metagenomic Analysis of Cerebrospinal Fluid from Patients with Multiple Sclerosis. Advances in Experimental Medicine and Biology, 2016, 935, 89-98.	1.6	23
21	The effect of clindamycin and amoxicillin on neutrophil extracellular trap (NET) release. Central-European Journal of Immunology, 2016, 1, 1-5.	1.2	20
22	Different procedures of diphenyleneiodonium chloride addition affectÂneutrophil extracellular trap formation. Analytical Biochemistry, 2016, 509, 60-66.	2.4	20
23	Neutrophil extracellular traps generation and degradation in patients with granulomatosis with polyangiitis and systemic lupus erythematosus. Autoimmunity, 2019, 52, 126-135.	2.6	20
24	Potent NETosis inducers do not show synergistic effects in vitro. Central-European Journal of Immunology, 2019, 44, 51-58.	1.2	19
25	The Impact of the COVID-19 Pandemic Lockdown on Pediatric Infectionsâ€”A Single-Center Retrospective Study. Microorganisms, 2022, 10, 178.	3.6	19
26	Flow cytometric quantification of neutrophil extracellular traps: Limitations of the methodological approach. American Journal of Hematology, 2016, 91, E9-10.	4.1	18
27	Sublingual Immunotherapy for Asthma: Affects T-Cells but Does not Impact Basophil Activation. Pediatric, Allergy, Immunology, and Pulmonology, 2014, 27, 17-23.	0.8	17
28	A Comparison of Mindray <scp>BC</scp>â€6800, Sysmex <scp>XN</scp>â€2000, and Beckman Coulter <scp>LH</scp>750 Automated Hematology Analyzers: A Pediatric Study. Journal of Clinical Laboratory Analysis, 2016, 30, 1128-1134.	2.1	17
29	Stress Response, Brain Noradrenergic System and Cognition. Advances in Experimental Medicine and Biology, 2017, 980, 67-74.	1.6	17
30	Thyroid Autoimmunity in Girls with Turner Syndrome. Advances in Experimental Medicine and Biology, 2017, 1022, 71-76.	1.6	16
31	Heart diastolic dysfunction in patients with systemic sclerosis. Archives of Medical Science, 2014, 3, 445-454.	0.9	15
32	Mitochondrial DNA in pediatric leukemia patients. Acta Biochimica Polonica, 2017, 64, 183-187.	0.5	15
33	Melatonin and Metformin Diminish Oxidative Stress in Heart Tissue in a Rat Model of High Fat Diet and Mammary Carcinogenesis. Advances in Experimental Medicine and Biology, 2017, 1047, 7-19.	1.6	14
34	Alantolactone Enhances the Phagocytic Properties of Human Macrophages and Modulates Their Proinflammatory Functions. Frontiers in Pharmacology, 2020, 11, 1339.	3.5	14
35	The relationships of alkaline phosphatase and bone alkaline phosphatase to the growth hormone/insulin-like growth factor-1 axis and vitamin D status in children with growth hormone deficiency. Acta Biochimica Polonica, 2018, 65, 269-275.	0.5	13
36	Recurrent assessment of lymphocyte subsets in 32 patients with multisystem inflammatory syndrome in children (MISâ€C). Pediatric Allergy and Immunology, 2021, 32, 1857-1865.	2.6	13

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37	The Cardiac Markers and Oxidative Stress Parameters in Advanced Non-Small Cell Lung Cancer Patients Receiving Cisplatin-Based Chemotherapy. Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine, 2011, 22, 6-15.	0.7	13
38	Zinc Supplementation Modulates NETs Release and Neutrophilsâ€™ Degranulation. Nutrients, 2021, 13, 51.	4.1	12
39	Does family history of metabolic syndrome affect the metabolic profile phenotype in young healthy individuals?. Diabetology and Metabolic Syndrome, 2014, 6, 75.	2.7	11
40	Awareness of blood group and blood donation among medical students. Transfusion and Apheresis Science, 2017, 56, 858-864.	1.0	11
41	The short-term effect of bariatric surgery on non-invasive markers of artery function in patients with metabolic syndrome. Diabetology and Metabolic Syndrome, 2015, 7, 76.	2.7	10
42	Exercise Strategies to Counteract Brain Aging Effects. Advances in Experimental Medicine and Biology, 2017, 1020, 69-79.	1.6	9
43	Clinical utility of TSH receptor antibody levels in Gravesâ€™ orbitopathy: a comparison of two TSH receptor antibody immunoassays. Central-European Journal of Immunology, 2018, 43, 405-412.	1.2	9
44	Dynamic Changes in the Ability to Release Neutrophil ExtraCellular Traps in the Course of Childhood Acute Leukemias. International Journal of Molecular Sciences, 2021, 22, 821.	4.1	9
45	Diagnostic accuracy of urine neutrophil gelatinase-associated lipocalin and urine kidney injury molecule-1 as predictors of acute pyelonephritis in young children with febrile urinary tract infection. Central-European Journal of Immunology, 2019, 44, 174-180.	1.2	8
46	Convolutional Neural Networksâ€“Based Image Analysis for the Detection and Quantification of Neutrophil Extracellular Traps. Cells, 2020, 9, 508.	4.1	8
47	Data-driven case fatality rate estimation for the primary lineage of SARS-CoV-2 in Poland. Methods, 2022, , .	3.8	8
48	FoxP3 Tregs Response to Sublingual Allergen Specific Immunotherapy in Children Depends on the Manifestation of Allergy. Journal of Immunology Research, 2015, 2015, 1-7.	2.2	7
49	Angiomodulatory properties of some antibiotics and ToÅ‚pa Peat Preparation. Central-European Journal of Immunology, 2016, 1, 19-24.	1.2	7
50	Renalase in Children with Glomerular Kidney Diseases. Advances in Experimental Medicine and Biology, 2017, 1021, 81-92.	1.6	7
51	Next-Generation Sequencing of Hepatitis C Virus (HCV) Mixed-Genotype Infections in Anti-HCV-Negative Blood Donors. Advances in Experimental Medicine and Biology, 2018, 1096, 65-71.	1.6	7
52	The Impact of Cytokines on Neutrophilsâ€™ Phagocytosis and NET Formation during Sepsisâ€”A Review. International Journal of Molecular Sciences, 2022, 23, 5076.	4.1	7
53	High expression of OX40 (CD134) and 4-1BB (CD137) molecules on CD4+CD25high cells in children with type 1 diabetes. Advances in Medical Sciences, 2014, 59, 39-43.	2.1	6
54	No evidence of West Nile virus infection among Polish patients with encephalitis. Central-European Journal of Immunology, 2016, 4, 383-385.	1.2	6

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55	Celiac antibodies in children with type 1 diabetes â€“ A diagnostic validation study. Autoimmunity, 2018, 51, 81-88.	2.6	6
56	Morphometric Analysis of the Lumbar Vertebrae Concerning the Optimal Screw Selection for Transpedicular Stabilization. Advances in Experimental Medicine and Biology, 2019, 1133, 83-96.	1.6	6
57	Extracellular Vesicles in Allergic Rhinitis and Asthma and Laboratory Possibilities for Their Assessment. International Journal of Molecular Sciences, 2021, 22, 2273.	4.1	6
58	Iron excess affects release of neutrophil extracellular traps and reactive oxygen species but does not influence other functions of neutrophils. Immunology and Cell Biology, 2022, 100, 87-100.	2.3	6
59	Treatment Outcomes in Children with Henoch-SchÃ¶nlein Nephritis. Advances in Experimental Medicine and Biology, 2016, 912, 65-72.	1.6	5
60	Two novel C-terminal frameshift mutations in the Î²-globin gene lead to rapid mRNA decay. BMC Medical Genetics, 2017, 18, 65.	2.1	5
61	Prevalence and risk factors for latent tuberculosis in polish healthcare workers: the comparison of tuberculin skin test and interferon-gamma release assay (IGRA) performance. Journal of Occupational Medicine and Toxicology, 2021, 16, 38.	2.2	5
62	A natural herbal remedy modulates angiogenic activity of bronchoalveolar lavage cells from sarcoidosis patients. Central-European Journal of Immunology, 2016, 1, 25-30.	1.2	4
63	Association Between Vitamin D and Carboxy-Terminal Cross-Linked Telopeptide of Type I Collagen in Children During Growth Hormone Replacement Therapy. Advances in Experimental Medicine and Biology, 2017, 1047, 53-60.	1.6	4
64	Coupling of Blood Pressure and Subarachnoid Space Oscillations at Cardiac Frequency Evoked by Handgrip and Cold Tests: A Bispectral Analysis. Advances in Experimental Medicine and Biology, 2018, 1133, 9-18.	1.6	4
65	Serum neutrophil gelatinase-associated lipocalin for predicting acute pyelonephritis in infants with urinary tract infection. Central-European Journal of Immunology, 2019, 44, 45-50.	1.2	4
66	Grindelia squarrosa Extract and Grindelic Acid Modulate Pro-inflammatory Functions of Respiratory Epithelium and Human Macrophages. Frontiers in Pharmacology, 2020, 11, 534111.	3.5	4
67	Serum and tissue expression of neuropilin 1 in precancerous and malignant vocal fold lesions. PLoS ONE, 2020, 15, e0239550.	2.5	4
68	The Usefulness of Urinary Periostin, Cytokeratin-18, and Endoglin for Diagnosing Renal Fibrosis in Children with Congenital Obstructive Nephropathy. Journal of Clinical Medicine, 2021, 10, 4899.	2.4	4
69	Correlation of bronchoalveolar lavage lymphocyte count with the extent of lung fibrosis and with plethysmographic lung volumes in patients with newly recognized hypersensitivity pneumonitis. Central-European Journal of Immunology, 2020, 45, 276-282.	1.2	4
70	The Usefulness of Vanin-1 and Periostin as Markers of an Active Autoimmune Process or Renal Fibrosis in Children with IgA Nephropathy and IgA Vasculitis with Nephritisâ€”A Pilot Study. Journal of Clinical Medicine, 2022, 11, 1265.	2.4	4
71	Experimental immunology Extracellular Traps: How to isolate and quantify extracellular DNA (ET-DNA). Central-European Journal of Immunology, 2012, 4, 321-325.	1.2	3
72	Modulatory effect of insulin on T cell receptor mediated calcium signaling is blunted in long lasting type 1 diabetes mellitus. Pharmacological Reports, 2012, 64, 150-156.	3.3	3

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73	Prognostic value of serum and urine kidney injury molecule-1 in infants with urinary tract infection. Central-European Journal of Immunology, 2019, 44, 262-268.	1.2	3
74	Diagnostic Value of Serological Tests Against Verotoxigenic Escherichia coli in Hemolytic Uremic Syndrome in Children. Advances in Clinical and Experimental Medicine, 2015, 24, 1031-1036.	1.4	3
75	Serum neutrophil gelatinase-associated lipocalin for predicting anemia of inflammation in children with urinary tract infection. Central-European Journal of Immunology, 2021, 46, 456-462.	1.2	3
76	Phenotypic features of children with neurodevelopmental diseases in relation to biogenic amines. Respiratory Physiology and Neurobiology, 2015, 209, 124-132.	1.6	2
77	Enzymatic Activity of Candida spp. from Oral Cavity and Urine in Children with Nephrotic Syndrome. Advances in Experimental Medicine and Biology, 2017, 1022, 63-70.	1.6	2
78	Osteoprotegerin, Receptor Activator of Nuclear Factor Kappa B Ligand, and Growth Hormone/Insulin-Like Growth Factor-1 Axis in Children with Growth Hormone Deficiency. Advances in Experimental Medicine and Biology, 2018, 1116, 63-73.	1.6	2
79	Analysis of Genotype 1b Hepatitis C Virus IRES in Serum and Peripheral Blood Mononuclear Cells in Patients Treated with Interferon and Ribavirin. BioMed Research International, 2014, 2014, 1-7.	1.9	1
80	Utility of leucocyte antigens in distinguishing between bacterial and viral infection in children. Central-European Journal of Immunology, 2018, 43, 262-269.	1.2	1
81	Influence of iron- and zinc-chelating agents on neutrophil extracellular trap formation. Central-European Journal of Immunology, 2021, 46, 135-139.	1.2	1
82	Laboratory Medicine in the Scope of Proteomics and Genomics. Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine, 2010, 21, 56-63.	0.7	1
83	Autoimmune Neurological Disorder with Anti-Ma2/Ta Antibodies in a Pediatric Patient. Israel Medical Association Journal, 2018, 20, 653-655.	0.1	1
84	Laboratory Genetic Testing in Clinical Practice 2014. BioMed Research International, 2015, 2015, 1-1.	1.9	0
85	Proteomics in the Diagnosis of Inborn Encephalopathies of Unknown Origin: A Myth or Reality. Advances in Experimental Medicine and Biology, 2017, 1040, 83-99.	1.6	0
86	Laboratory Genetic Testing in Clinical Practice 2016. BioMed Research International, 2017, 2017, 1-2.	1.9	0
87	Usefulness of urinary collagen IV excretion for predicting the severity of Henoch-SchÃ¶nlein nephropathy children. Central-European Journal of Immunology, 2017, 2, 167-172.	1.2	0
88	Infectious Complications in Children with ALL Treated with ALL-IC-2009 Protocol: Multicenter National Study of Polish Society of Pediatric Hematology and Oncology. Blood, 2014, 124, 5247-5247.	1.4	0
89	Methotrexate treatment efficacy in sarcoidosis might be related to TNF-Î± polymorphism: real life preliminary study. Sarcoidosis Vasculitis and Diffuse Lung Diseases, 2019, 36, 261-273.	0.2	0
90	Serum expression of Vascular Endothelial-Cadherin, CD44, Human High mobility group B1, Kallikrein 6 proteins in different stages of laryngeal intraepithelial lesions and early glottis cancer. PeerJ, 2022, 10, e13104.	2.0	0

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91	Lack of Functional P110Î´ Affects Expression of Activation Marker CD80 but Does Not Influence Functions of Neutrophils. International Journal of Molecular Sciences, 2022, 23, 6361.	4.1	0