

# Magdalena Chmiela

## List of Publications by Year in descending order

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Version: 2024-02-01

92  
papers

1,659  
citations

331538

21  
h-index

360920

35  
g-index

94  
all docs

94  
docs citations

94  
times ranked

1680  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Antioxidant, Cytotoxic and Antimicrobial Potential of Phenolic Acids-Enriched Extract of Elicited Hairy Roots of <i>Salvia bulleyana</i> . <i>Molecules</i> , 2022, 27, 992.	1.7	10
2	<i>Salvia cadmica</i> extracts rich in polyphenols neutralize a deleterious effects of oxidative stress driven by <i>Helicobacter pylori</i> lipopolysaccharide in cell cultures of gastric epithelial cells or fibroblasts. <i>Industrial Crops and Products</i> , 2022, 178, 114633.	2.5	4
3	<i>Mycobacterium bovis</i> Wild-Type BCG or Recombinant BCG Secreting Murine IL-18 (rBCG/IL-18) Strains in Driving Immune Responses in Immunocompetent or Immunosuppressed Mice. <i>Vaccines</i> , 2022, 10, 615.	2.1	0
4	Antibodies towards TVLLPVIFF Amino Acid Sequence of TNF Receptor Induced by <i>Helicobacter pylori</i> in Patients with Coronary Heart Disease. <i>Journal of Clinical Medicine</i> , 2022, 11, 2545.	1.0	4
5	Accumulation of Deleterious Effects in Gastric Epithelial Cells and Vascular Endothelial Cells In Vitro in the Milieu of <i>Helicobacter pylori</i> Components, 7-Ketocholesterol and Acetylsalicylic Acid. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6355.	1.8	6
6	Human rhinovirus HRV16 impairs barrier functions and regeneration of human lung vascular endothelium. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1872-1875.	2.7	6
7	Identification and quantification of phenolic compounds in <i>Salvia cadmica</i> Boiss. and their biological potential. <i>Industrial Crops and Products</i> , 2021, 160, 113113.	2.5	16
8	Influence of Agronomic Practice on Total Phenols, Carotenoids, Chlorophylls Content, and Biological Activities in Dry Herbs Water Macerates. <i>Molecules</i> , 2021, 26, 1047.	1.7	3
9	Polymorphism of Interleukin-1 Gene Cluster in Polish Patients with Acute Coronary Syndrome. <i>Journal of Clinical Medicine</i> , 2021, 10, 990.	1.0	3
10	<i>Helicobacter pylori</i> Infection Acts Synergistically with a High-Fat Diet in the Development of a Proinflammatory and Potentially Proatherogenic Endothelial Cell Environment in an Experimental Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3394.	1.8	18
11	Interference of LPS <i>H. pylori</i> with IL-33-Driven Regeneration of <i>Caviae porcellus</i> Primary Gastric Epithelial Cells and Fibroblasts. <i>Cells</i> , 2021, 10, 1385.	1.8	13
12	Use of Fourier-Transform Infrared Spectroscopy (FT-IR) for Monitoring Experimental <i>Helicobacter pylori</i> Infection and Related Inflammatory Response in Guinea Pig Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 281.	1.8	7
13	Chemical Characterization and Biological Evaluation of New Cobalt(II) Complexes with Bioactive Ligands, 2-Picolinehydroxamic Acid and Reduced Schiff Base N-(2-Hydroxybenzyl)alanine, in Terms of DNA Binding and Antimicrobial Activity. <i>Pharmaceuticals</i> , 2021, 14, 1254.	1.7	5
14	<i>Escherichia coli</i> lipopolysaccharide may affect the endothelial barrier and IL-10 expression of apolipoprotein B100-pulsed dendritic cells. <i>Apmis</i> , 2020, 128, 10-19.	0.9	2
15	Equilibria in Aqueous Cobalt(II)-Reduced Schiff Base N-(2-hydroxybenzyl)alanine System: Chemical Characterization, Kinetic Analysis, Antimicrobial and Cytotoxic Properties. <i>Molecules</i> , 2020, 25, 3462.	1.7	8
16	Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy (FTIR) and Artificial Neural Networks Applied to Investigate Quantitative Changes of Selected Soluble Biomarkers, Correlated with <i>H. pylori</i> Infection in Children and Presumable Consequent Delayed Growth. <i>Journal of Clinical Medicine</i> , 2020, 9, 3852.	1.0	16
17	Transformed Shoots of <i>Dracocephalum forrestii</i> W.W. Smith from Different Bioreactor Systems as a Rich Source of Natural Phenolic Compounds. <i>Molecules</i> , 2020, 25, 4533.	1.7	14
18	Phenylethanoid and iridoid glycosides production in <i>Rehmannia elata</i> N.E.Brown ex Prein. in vitro shoot cultures and their biological activity. <i>Industrial Crops and Products</i> , 2020, 158, 113050.	2.5	9

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19	Ankyrins in human health and disease – an update of recent experimental findings. Archives of Medical Science, 2020, 16, 715-726.	0.4	9
20	Preregenerative Activity of IL-33 in Gastric Tissue Cells Undergoing Helicobacter Pylori-Induced Apoptosis. International Journal of Molecular Sciences, 2020, 21, 1801.	1.8	15
21	Metody stosowane do wykrywania i identyfikacji toksyn botulinowych w próbkach klinicznych i żywności*. Postepy Higieny I Medycyny Doswiadczalnej, 2020, 74, 116-130.	0.1	0
22	Antibodies crossreacting with human TNF-alfa receptor induced in the patients with coronary heart disease by Helicobacter pylori CagA positive strains. European Heart Journal, 2020, 41, .	1.0	0
23	The effect of Helicobacter pylori infection and different H. pylori components on the proliferation and apoptosis of gastric epithelial cells and fibroblasts. PLoS ONE, 2019, 14, e0220636.	1.1	49
24	Review: Pathogenesis of Helicobacter pylori infection. Helicobacter, 2019, 24, e12638.	1.6	70
25	New $\beta$ -Halo- $\gamma$ -lactones and $\gamma$ -Hydroxy- $\beta$ -lactones with Strong Cytotoxic Activity. Molecules, 2019, 24, 1875.	1.7	7
26	Genetic Polymorphisms in Inflammatory and Other Regulators in Gastric Cancer: Risks and Clinical Consequences. Current Topics in Microbiology and Immunology, 2019, 421, 53-76.	0.7	23
27	Upregulation of MUC5AC production and deposition of LEWIS determinants by HELICOBACTER PYLORI facilitate gastric tissue colonization and the maintenance of infection. Journal of Biomedical Science, 2019, 26, 23.	2.6	24
28	Autoantibodies to a specific peptide epitope of human Hsp60 (<sc>ATVLA</sc>) with homology to Helicobacter pylori HspB in H. Pylori-infected patients. Apmis, 2019, 127, 139-149.	0.9	15
29	Helicobacter pylori outer membrane vesicles involvement in the infection development and Helicobacter pylori-related diseases. Journal of Biomedical Science, 2018, 25, 78.	2.6	52
30	Synthesis, Characterization, Cytotoxicity, and Antibacterial Properties of trans- $\beta$ -Halo- $\gamma$ -lactones. ChemistryOpen, 2018, 7, 543-550.	0.9	9
31	Complexes in aqueous cobalt(II)-2-picolinehydroxamic acid system: Formation equilibria, DNA-binding ability, antimicrobial and cytotoxic properties. Journal of Inorganic Biochemistry, 2018, 187, 62-72.	1.5	9
32	The Prevalence of Campylobacter spp. in Polish Poultry Meat. Polish Journal of Microbiology, 2018, 67, 117-120.	0.6	9
33	Campylobacter infections, a significant hygienic epidemiological issue of twenty first century. Postepy Higieny I Medycyny Doswiadczalnej, 2018, 72, 678-685.	0.1	2
34	Treatment of Helicobacter pylori infections in the light of the increase of antibiotic resistance. Postepy Higieny I Medycyny Doswiadczalnej, 2018, 72, 143-158.	0.1	1
35	Host pathogen interactions in Helicobacter pylori related gastric cancer. World Journal of Gastroenterology, 2017, 23, 1521.	1.4	122
36	Molecular mimicry in Helicobacter pylori infections. World Journal of Gastroenterology, 2017, 23, 3964.	1.4	65

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37	Helicobacter pylori antigens, acetylsalicylic acid, LDL and 7-ketocholesterol - their potential role in destabilizing the gastric epithelial cell barrier. An in vitro model of Kato III cells.. Acta Biochimica Polonica, 2016, 63, 145-152.	0.3	8
38	Putative consequences of exposure to Helicobacter pylori infection in patients with coronary heart disease in terms of humoral immune response and inflammation. Archives of Medical Science, 2016, 1, 45-54.	0.4	28
39	Impact of Helicobacter pylori on the healing process of the gastric barrier. World Journal of Gastroenterology, 2016, 22, 7536.	1.4	41
40	CD25 (IL-2R) expression correlates with the target cell induced cytotoxic activity and cytokine secretion in human natural killer cells. Acta Biochimica Polonica, 2015, 62, 885-894.	0.3	19
41	Immunoregulation of antigen presenting and secretory functions of monocytic cells by Helicobacter pylori antigens in relation to impairment of lymphocyte expansion. Acta Biochimica Polonica, 2015, 62, 641-650.	0.3	20
42	The microbiological, histological, immunological and molecular determinants of Helicobacter pylori infection in guinea pigs as a convenient animal model to study pathogenicity of these bacteria and the infection dependent immune response of the host. Acta Biochimica Polonica, 2015, 62, 697-706.	0.3	18
43	Helicobacter pylori vs coronary heart disease - searching for connections. World Journal of Cardiology, 2015, 7, 187.	0.5	38
44	IL-33 and IL-4 impair barrier functions of human vascular endothelium via different mechanisms. Vascular Pharmacology, 2015, 73, 57-63.	1.0	40
45	Novel intra-alveolar drug carrier as a functional dressing for the alveolar osteitis treatment. Journal of Controlled Release, 2015, 213, e65-e66.	4.8	0
46	Helicobacter pylori-driven modulation of NK cell expansion, intracellular cytokine expression and cytotoxic activity. Innate Immunity, 2015, 21, 127-139.	1.1	38
47	Assessment of ghrelin, leptin, orexin A and alpha-MSH serum concentrations and the levels of the autoantibodies against the aforementioned peptides in relation to Helicobacter pylori infections and Candida albicans colonization in children with short stature. Pediatric Endocrinology, Diabetes and Metabolism, 2015, 21, 102-110.	0.3	6
48	Prevalence of autoantibodies against some selected growth and appetite-regulating neuropeptides in serum of short children exposed to Candida albicans colonization and/or Helicobacter pylori infection: the molecular mimicry phenomenon. Neuroendocrinology Letters, 2015, 36, 458-64.	0.2	9
49	Etiologia i epidemiologia botulizmu niemowlęc...t. Pediatria Polska, 2014, 89, 198-202.	0.1	3
50	Antigen-specific lymphocyte proliferation as a marker of immune response in guinea pigs with sustained Helicobacter pylori infection.. Acta Biochimica Polonica, 2014, 61, .	0.3	19
51	Structural modifications of Helicobacter pylori lipopolysaccharide: An idea for how to live in peace. World Journal of Gastroenterology, 2014, 20, 9882.	1.4	47
52	Antigen-specific lymphocyte proliferation as a marker of immune response in guinea pigs with sustained Helicobacter pylori infection. Acta Biochimica Polonica, 2014, 61, 295-303.	0.3	11
53	Monocyte Signal Transduction Receptors in Active and Latent Tuberculosis. Clinical and Developmental Immunology, 2013, 2013, 1-15.	3.3	16
54	Immunophenotype of peripheral blood natural killer cells and IL-10 serum levels in relation to Helicobacter pylori status. Apmis, 2013, 121, 806-813.	0.9	14

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55	Interaction of <i>Helicobacter pylori</i> with C-Type Lectin Dendritic Cell-Specific ICAM Grabbing Nonintegrin. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-10.	3.0	26
56	<i>Helicobacter pylori</i> antigens as potential modulators of lymphocytes' cytotoxic activity. <i>Microbiology and Immunology</i> , 2012, 56, 62-75.	0.7	11
57	Different effectiveness of <i>Helicobacter pylori</i> lipopolysaccharides with or without Lewis <sup>X</sup> Y determinants in stimulating the secretion of proinflammatory cytokines IL-8 and TNF- $\alpha$ by peripheral blood mononuclear leukocytes. <i>Przegląd Gastroenterologiczny</i> , 2011, 6, 401-408.	0.3	2
58	<i>Helicobacter pylori</i> lipopolysaccharide activity in human peripheral blood mononuclear leukocyte cultures. <i>Journal of Physiology and Pharmacology</i> , 2010, 61, 437-42.	1.1	16
59	Interleukin-1 $\beta$ and interleukin-1 receptor inhibitor gene cluster polymorphisms in patients with coronary artery disease after percutaneous angioplasty or coronary artery bypass grafting. <i>Kardiologia Polska</i> , 2009, 67, 601-10.	0.3	11
60	Monocyte response receptors in BCG driven delayed type hypersensitivity to tuberculin. <i>Folia Histochemica Et Cytobiologica</i> , 2008, 46, 353-9.	0.6	8
61	Anti-phagocytic activity of <i>Helicobacter pylori</i> lipopolysaccharide (LPS)--possible modulation of the innate immune response to these bacteria. <i>Polish Journal of Microbiology</i> , 2008, 57, 185-92.	0.6	21
62	CD14 gene polymorphism 159C/T in a group of patients with coronary artery disease from a population with high morbidity of cardiovascular diseases. <i>Kardiologia Polska</i> , 2007, 65, 237-44; discussion 245.	0.3	3
63	Inflammation, Immunity, Vaccines for <i>Helicobacter</i> Infection. <i>Helicobacter</i> , 2006, 11, 21-26.	1.6	27
64	Circulating Total and Active Metalloproteinase-9 and Tissue Inhibitor of Metalloproteinases-1 in Patients with Systemic Lupus Erythomatosus. <i>Mediators of Inflammation</i> , 2006, 2006, 1-7.	1.4	37
65	Tuberculosis bacilli still posing a threat. Polymorphism of genes regulating anti-mycobacterial properties of macrophages. <i>Polish Journal of Microbiology</i> , 2006, 55, 7-12.	0.6	18
66	Potential role of LPS in the outcome of <i>Helicobacter pylori</i> related diseases. <i>Polish Journal of Microbiology</i> , 2006, 55, 25-30.	0.6	11
67	Principle of a New Immunoassay Based on Electrophoretic Mobility of Poly(styrene- <i>tert</i> -butoxy-vinylbenzyl-polyglycidol) Microspheres: Application for the Determination of <i>Helicobacter pylori</i> IgG in Blood Serum. <i>Macromolecular Bioscience</i> , 2005, 5, 70-77.	2.1	20
68	<i>Helicobacter pylori</i> lipopolysaccharide in the IL-2 milieu activates lymphocytes from dyspeptic children. <i>FEMS Immunology and Medical Microbiology</i> , 2003, 36, 141-145.	2.7	12
69	A link between <i>Helicobacter pylori</i> and/or <i>Chlamydia</i> spp. infections and atherosclerosis. <i>FEMS Immunology and Medical Microbiology</i> , 2003, 36, 187-192.	2.7	19
70	Serological differentiation of <i>Helicobacter pylori</i> CagA(+) and CagA(-) infections. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2003, 51, 131-6.	1.0	3
71	Detection of Specific <i>Helicobacter pylori</i> DNA and Antigens in Stool Samples in Dyspeptic Patients and Healthy Subjects. <i>Microbiology and Immunology</i> , 2002, 46, 657-665.	0.7	16
72	Characteristics of <i>Staphylococcus aureus</i> , isolated from airways of cystic fibrosis patients, and their small colony variants. <i>FEMS Immunology and Medical Microbiology</i> , 2002, 32, 191-197.	2.7	82

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73	A potential double role of anti-Lewis X antibodies in Helicobacter pylori-associated gastroduodenal diseases. FEMS Immunology and Medical Microbiology, 2001, 30, 121-125.	2.7	10
74	Potential Role of CagA in the Inhibition of T Cell Reactivity in Helicobacter pylori Infections. Cellular Immunology, 2000, 202, 136-139.	1.4	58
75	Anti-Lewis X IgM and IgG in H. pylori infections in children and adults. Acta Microbiologica Polonica, 1999, 48, 277-81.	0.1	3
76	Anti-Lewis X antibody and Lewis Xâ€œanti-Lewis X immune complexes in Helicobacter pylori infection. Immunology Letters, 1998, 61, 119-125.	1.1	22
77	Helicobacter pylori â€œ interactions with phagocytes. , 1998, , 90-100.		1
78	A recombinant fragment of Helicobacter pylori CagA affects proliferation of human cells. Journal of Physiology and Pharmacology, 1998, 49, 111-9.	1.1	10
79	Serum IgG antibodies in children and adults reacting with Helicobacter pylori lipopolysaccharides. Archivum Immunologiae Et Therapiae Experimentalis, 1998, 46, 79-83.	1.0	2
80	Systemic humoral response to Helicobacter pylori in children and adults. Archivum Immunologiae Et Therapiae Experimentalis, 1998, 46, 161-7.	1.0	6
81	Role of Helicobacter pylori surface structures in bacterial interaction with macrophages.. Gut, 1997, 40, 20-24.	6.1	53
82	Serological Indicators of <i>Helicobacter pylori</i> Infection in Adult Dyspeptic Patients and Healthy Blood Donors. Microbiology and Immunology, 1997, 41, 387-393.	0.7	32
83	Attachment of Helicobacter pylori strains to human epithelial cells. Journal of Physiology and Pharmacology, 1997, 48, 393-404.	1.1	10
84	The Proliferation of Human T Lymphocytes Stimulated by Heficobacter Pylori Antigens. Immunobiology, 1996, 195, 199-208.	0.8	9
85	Phagocytosis of Helicobacter pylori Bacteria Differing in the Heparan Sulfate Binding by Human Polymorphonuclear Leukocytes. Zentralblatt Fur Bakteriologie: International Journal of Medical Microbiology, 1996, 283, 346-350.	0.5	11
86	The stimulation and inhibition of T cell proliferation by Helicobacter pylori components. Journal of Physiology and Pharmacology, 1996, 47, 195-202.	1.1	10
87	The role of heparan sulphateâ€œbinding activity of <i>Helicobacter pylori</i> bacteria in their adhesion to murine macrophages. Apmis, 1995, 103, 469-474.	0.9	25
88	Attachment, ingestion and intracellular killing of Helicobacter pylori by human peripheral blood mononuclear leukocytes and mouse peritoneal inflammatory macrophages. FEMS Immunology and Medical Microbiology, 1995, 10, 307-316.	2.7	21
89	Interaction of cells of Helicobacter pylori with human polymorphonuclear leucocytes: Possible role of haemagglutinins. FEMS Immunology and Medical Microbiology, 1994, 9, 41-48.	2.7	27
90	Interaction of cells of Helicobacter pylori with human polymorphonuclear leucocytes: Possible role of haemagglutinins. FEMS Immunology and Medical Microbiology, 1994, 9, 41-48.	2.7	2

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91	Listeria antigen-binding cells in the spleens of normal and immunized mice resistant or susceptible to listeriosis. Immunology Letters, 1985, 11, 57-62.	1.1	1
92	Evaluation of the API test, phosphatidylinositol-specific phospholipase C activity and PCR method in identification of Listeria monocytogenes in meat foods. , 0, .		2