

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	Host pathogen interactions in <i>Helicobacter pylori</i> related gastric cancer. <i>World Journal of Gastroenterology</i> , 2017, 23, 1521.	1.4	122
2	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
3	Review: Pathogenesis of <i>Helicobacter pylori</i> infection. <i>Helicobacter</i> , 2019, 24, e12638.	1.6	70
4	Molecular mimicry in <i>Helicobacter pylori</i> infections. <i>World Journal of Gastroenterology</i> , 2017, 23, 3964.	1.4	65
5	Potential Role of CagA in the Inhibition of T Cell Reactivity in <i>Helicobacter pylori</i> Infections. <i>Cellular Immunology</i> , 2000, 202, 136-139.	1.4	58
6	Role of <i>Helicobacter pylori</i> surface structures in bacterial interaction with macrophages.. <i>Gut</i> , 1997, 40, 20-24.	6.1	53
7	<i>Helicobacter pylori</i> outer membrane vesicles involvement in the infection development and <i>Helicobacter pylori</i> -related diseases. <i>Journal of Biomedical Science</i> , 2018, 25, 78.	2.6	52
8	The effect of <i>Helicobacter pylori</i> infection and different <i>H. pylori</i> components on the proliferation and apoptosis of gastric epithelial cells and fibroblasts. <i>PLoS ONE</i> , 2019, 14, e0220636.	1.1	49
9	Structural modifications of <i>Helicobacter pylori</i> lipopolysaccharide: An idea for how to live in peace. <i>World Journal of Gastroenterology</i> , 2014, 20, 9882.	1.4	47
10	Impact of <i>Helicobacter pylori</i> on the healing process of the gastric barrier. <i>World Journal of Gastroenterology</i> , 2016, 22, 7536.	1.4	41
11	IL-33 and IL-4 impair barrier functions of human vascular endothelium via different mechanisms. <i>Vascular Pharmacology</i> , 2015, 73, 57-63.	1.0	40
12	<i>Helicobacter pylori</i> vs coronary heart disease - searching for connections. <i>World Journal of Cardiology</i> , 2015, 7, 187.	0.5	38
13	<i>Helicobacter pylori</i> -driven modulation of NK cell expansion, intracellular cytokine expression and cytotoxic activity. <i>Innate Immunity</i> , 2015, 21, 127-139.	1.1	38
14	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
15	Serological Indicators of <i>Helicobacter pylori</i> Infection in Adult Dyspeptic Patients and Healthy Blood Donors. <i>Microbiology and Immunology</i> , 1997, 41, 387-393.	0.7	32
16	Putative consequences of exposure to <i>Helicobacter pylori</i> infection in patients with coronary heart disease in terms of humoral immune response and inflammation. <i>Archives of Medical Science</i> , 2016, 1, 45-54.	0.4	28
17	Interaction of cells of <i>Helicobacter pylori</i> with human polymorphonuclear leucocytes: Possible role of haemagglutinins. <i>FEMS Immunology and Medical Microbiology</i> , 1994, 9, 41-48.	2.7	27
18	Inflammation, Immunity, Vaccines for <i>Helicobacter</i> Infection. <i>Helicobacter</i> , 2006, 11, 21-26.	1.6	27

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19	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
20	The role of heparan sulphate binding activity of <i>Helicobacter pylori</i> bacteria in their adhesion to murine macrophages. <i>Apmis</i> , 1995, 103, 469-474.	0.9	25
21	Upregulation of MUC5AC production and deposition of LEWIS determinants by <i>HELICOBACTER PYLORI</i> facilitate gastric tissue colonization and the maintenance of infection. <i>Journal of Biomedical Science</i> , 2019, 26, 23.	2.6	24
22	Genetic Polymorphisms in Inflammatory and Other Regulators in Gastric Cancer: Risks and Clinical Consequences. <i>Current Topics in Microbiology and Immunology</i> , 2019, 421, 53-76.	0.7	23
23	Anti-Lewis X antibody and Lewis X anti-Lewis X immune complexes in <i>Helicobacter pylori</i> infection. <i>Immunology Letters</i> , 1998, 61, 119-125.	1.1	22
24	Attachment, ingestion and intracellular killing of <i>Helicobacter pylori</i> by human peripheral blood mononuclear leukocytes and mouse peritoneal inflammatory macrophages. <i>FEMS Immunology and Medical Microbiology</i> , 1995, 10, 307-316.	2.7	21
25	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
26	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
27	Immunoregulation of antigen presenting and secretory functions of monocytic cells by <i>Helicobacter pylori</i> antigens in relation to impairment of lymphocyte expansion. <i>Acta Biochimica Polonica</i> , 2015, 62, 641-650.	0.3	20
28	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
29	CD25 (IL-2R) expression correlates with the target cell induced cytotoxic activity and cytokine secretion in human natural killer cells. <i>Acta Biochimica Polonica</i> , 2015, 62, 885-894.	0.3	19
30	Antigen-specific lymphocyte proliferation as a marker of immune response in guinea pigs with sustained <i>Helicobacter pylori</i> infection. <i>Acta Biochimica Polonica</i> , 2014, 61, .	0.3	19
31	The microbiological, histological, immunological and molecular determinants of <i>Helicobacter pylori</i> infection in guinea pigs as a convenient animal model to study pathogenicity of these bacteria and the infection dependent immune response of the host. <i>Acta Biochimica Polonica</i> , 2015, 62, 697-706.	0.3	18
32	<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
33	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
34	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
35	Monocyte Signal Transduction Receptors in Active and Latent Tuberculosis. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-15.	3.3	16
36	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

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37	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
38	<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
39	Autoantibodies to a specific peptide epitope of human Hsp60 (<scp>ATVLA</scp>) with homology to <i>Helicobacter pylori</i> HspB in <i>H.Âpylori</i>â€infectected patients. <i>Apmis</i> , 2019, 127, 139-149.	0.9	15
40	Proregenerative Activity of IL-33 in Gastric Tissue Cells Undergoing <i>Helicobacter Pylori</i> -Induced Apoptosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1801.	1.8	15
41	Immunophenotype of peripheral blood natural killer cells and <scp>IL</scp>â€10 serum levels in relation to <i>Helicobacter pylori</i> status. <i>Apmis</i> , 2013, 121, 806-813.	0.9	14
42	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
43	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
44	<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
45	Phagocytosis of <i>Helicobacter pylori</i> Bacteria Differing in the Heparan Sulfate Binding by Human Polymorphonuclear Leukocytes. <i>Zentralblatt Fur Bakteriologie: International Journal of Medical Microbiology</i> , 1996, 283, 346-350.	0.5	11
46	<i>Helicobacter pylori</i> antigens as potential modulators of lymphocytesâ€™ cytotoxic activity. <i>Microbiology and Immunology</i> , 2012, 56, 62-75.	0.7	11
47	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
48	Interleukin-1b 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
49	Antigen-specific lymphocyte proliferation as a marker of immune response in guinea pigs with sustained <i>Helicobacter pylori</i> infection. <i>Acta Biochimica Polonica</i> , 2014, 61, 295-303.	0.3	11
50	A potential double role of anti-Lewis X antibodies in <i>Helicobacter pylori</i> -associated gastroduodenal diseases. <i>FEMS Immunology and Medical Microbiology</i> , 2001, 30, 121-125.	2.7	10
51	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
52	The stimulation and inhibition of T cell proliferation by <i>Helicobacter pylori</i> components. <i>Journal of Physiology and Pharmacology</i> , 1996, 47, 195-202.	1.1	10
53	Attachment of <i>Helicobacter pylori</i> strains to human epithelial cells. <i>Journal of Physiology and Pharmacology</i> , 1997, 48, 393-404.	1.1	10
54	A recombinant fragment of <i>Helicobacter pylori</i> CagA affects proliferation of human cells. <i>Journal of Physiology and Pharmacology</i> , 1998, 49, 111-9.	1.1	10

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55	The Proliferation of Human T Lymphocytes Stimulated by Helicobacter Pylori Antigens. Immunobiology, 1996, 195, 199-208.	0.8	9
56	Synthesis, Characterization, Cytotoxicity, and Antibacterial Properties of β -Halo- γ -lactones. ChemistryOpen, 2018, 7, 543-550.	0.9	9
57	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
58	Phenylethanoid and iridoid glycosides production in Rehmannia elata N.E.Brown ex Prein. in vitro shoot cultures and their biological activity. Industrial Crops and Products, 2020, 158, 113050.	2.5	9
59	Ankyrins in human health and disease – an update of recent experimental findings. Archives of Medical Science, 2020, 16, 715-726.	0.4	9
60	The Prevalence of Campylobacter spp. in Polish Poultry Meat. Polish Journal of Microbiology, 2018, 67, 117-120.	0.6	9
61	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
62	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
63	Equilibria in Aqueous Cobalt(II)-Reduced Schiff Base N-(2-hydroxybenzyl)alanine System: Chemical Characterization, Kinetic Analysis, Antimicrobial and Cytotoxic Properties. Molecules, 2020, 25, 3462.	1.7	8
64	Monocyte response receptors in BCG driven delayed type hypersensitivity to tuberculin.. Folia Histochemica Et Cytobiologica, 2008, 46, 353-9.	0.6	8
65	New β -Halo- γ -lactones and γ -Hydroxy- β -lactones with Strong Cytotoxic Activity. Molecules, 2019, 24, 1875.	1.7	7
66	Use of Fourier-Transform Infrared Spectroscopy (FT-IR) for Monitoring Experimental Helicobacter pylori Infection and Related Inflammatory Response in Guinea Pig Model. International Journal of Molecular Sciences, 2021, 22, 281.	1.8	7
67	Human rhinovirus HRV16 impairs barrier functions and regeneration of human lung vascular endothelium. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1872-1875.	2.7	6
68	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
69	Systemic humoral response to Helicobacter pylori in children and adults. Archivum Immunologiae Et Therapiae Experimentalis, 1998, 46, 161-7.	1.0	6
70	Accumulation of Deleterious Effects in Gastric Epithelial Cells and Vascular Endothelial Cells In Vitro in the Milieu of Helicobacter pylori Components, 7-Ketocholesterol and Acetylsalicylic Acid. International Journal of Molecular Sciences, 2022, 23, 6355.	1.8	6
71	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. Pharmaceuticals, 2021, 14, 1254.	1.7	5
72	Salvia cadmica extracts rich in polyphenols neutralize a deleterious effects of oxidative stress driven by Helicobacter pylori lipopolysaccharide in cell cultures of gastric epithelial cells or fibroblasts. Industrial Crops and Products, 2022, 178, 114633.	2.5	4

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73	Antibodies towards TVLLPVIFF Amino Acid Sequence of TNF Receptor Induced by Helicobacter pylori in Patients with Coronary Heart Disease. <i>Journal of Clinical Medicine</i> , 2022, 11, 2545.	1.0	4
74	Etiologia i epidemiologia botulizmu niemowlęc...t. <i>Pediatrica Polska</i> , 2014, 89, 198-202.	0.1	3
75	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
76	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
77	Anti-Lewis X IgM and IgG in H. pylori infections in children and adults. <i>Acta Microbiologica Polonica</i> , 1999, 48, 277-81.	0.1	3
78	Serological differentiation of Helicobacter pylori CagA(+) and CagA(-) infections. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2003, 51, 131-6.	1.0	3
79	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
80	Different effectiveness of Helicobacter pylori lipopolysaccharides with or without LewisXY determinants in stimulating the secretion of proinflammatory cytokines IL-8 and TNF- α by peripheral blood mononuclear leukocytes. <i>Przegląd Gastroenterologiczny</i> , 2011, 6, 401-408.	0.3	2
81	Escherichia coli 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
82	Interaction of cells of Helicobacter pylori with human polymorphonuclear leucocytes: Possible role of haemagglutinins. <i>FEMS Immunology and Medical Microbiology</i> , 1994, 9, 41-48.	2.7	2
83	Evaluation of the API test, phosphatidylinositol-specific phospholipase C activity and PCR method in identification of Listeria monocytogenes in meat foods. , 0, .		2
84	Campylobacter infections, a significant hygienic epidemiological issue of twenty first century. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2018, 72, 678-685.	0.1	2
85	Serum IgG antibodies in children and adults reacting with Helicobacter pylori lipopolysaccharides. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 1998, 46, 79-83.	1.0	2
86	Listeria antigen-binding cells in the spleens of normal and immunized mice resistant or susceptible to listeriosis. <i>Immunology Letters</i> , 1985, 11, 57-62.	1.1	1
87	Helicobacter pylori " interactions with phagocytes. , 1998, , 90-100.		1
88	Treatment of Helicobacter pylori infections in the light of the increase of antibiotic resistance. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2018, 72, 143-158.	0.1	1
89	Novel intra-alveolar drug carrier as a functional dressing for the alveolar osteitis treatment. <i>Journal of Controlled Release</i> , 2015, 213, e65-e66.	4.8	0
90	Metody stosowane do wykrywania i identyfikacji toksyn botulinowych w próbkach klinicznych i żywności*. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2020, 74, 116-130.	0.1	0

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91	Antibodies crossreacting with human TNF-alfa receptor induced in the patients with coronary heart disease by <i>Helicobacter pylori</i> CagA positive strains. <i>European Heart Journal</i> , 2020, 41, .	1.0	0
92	<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