

# Magdalena Gabig-CimiÅ,,ska

## List of Publications by Year in descending order

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62  
papers

1,442  
citations

279701

23  
h-index

360920

35  
g-index

71  
all docs

71  
docs citations

71  
times ranked

2414  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Phytoestrogen Genistein Modulates Lysosomal Metabolism and Transcription Factor EB (TFEB) Activation. <i>Journal of Biological Chemistry</i> , 2014, 289, 17054-17069.	1.6	115
2	Electric chips for rapid detection and quantification of nucleic acids. <i>Biosensors and Bioelectronics</i> , 2004, 19, 537-546.	5.3	82
3	Models in the Research Process of Psoriasis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2514.	1.8	82
4	Oxidative Stress as an Important Contributor to the Pathogenesis of Psoriasis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6206.	1.8	82
5	Genistein: a natural isoflavone with a potential for treatment of genetic diseases. <i>Biochemical Society Transactions</i> , 2010, 38, 695-701.	1.6	54
6	Developing nucleic acid-based electrical detection systems. <i>Microbial Cell Factories</i> , 2006, 5, 9.	1.9	50
7	Why are behaviors of children suffering from various neuronopathic types of mucopolysaccharidoses different?. <i>Medical Hypotheses</i> , 2010, 75, 605-609.	0.8	48
8	Modulation of expression of genes involved in glycosaminoglycan metabolism and lysosome biogenesis by flavonoids. <i>Scientific Reports</i> , 2015, 5, 9378.	1.6	44
9	Female Fabry disease patients and X-chromosome inactivation. <i>Gene</i> , 2018, 641, 259-264.	1.0	44
10	Lipids and Lipid Mediators Associated with the Risk and Pathology of Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3618.	1.8	40
11	Molecular factors involved in the development of diabetic foot syndrome.. <i>Acta Biochimica Polonica</i> , 2012, 59, .	0.3	39
12	The cell surface protein Ag43 facilitates phage infection of <i>Escherichia coli</i> in the presence of bile salts and carbohydrates. <i>Microbiology (United Kingdom)</i> , 2002, 148, 1533-1542.	0.7	38
13	Lipophagy and Lipolysis Status in Lipid Storage and Lipid Metabolism Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6113.	1.8	37
14	Stability of CII is a key element in the cold stress response of bacteriophage lambda infection. <i>Journal of Bacteriology</i> , 1997, 179, 5987-5991.	1.0	34
15	Osteoprotegerin gene polymorphism in diabetic Charcot neuroarthropathy. <i>Diabetic Medicine</i> , 2012, 29, 771-775.	1.2	33
16	Glycosaminoglycans and mucopolysaccharidosis type III. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 1393-1409.	3.0	32
17	Confirmative electric DNA array-based test for food poisoning <i>Bacillus cereus</i> . <i>Journal of Microbiological Methods</i> , 2007, 70, 55-64.	0.7	31
18	Detection of bacteriophage infection and prophage induction in bacterial cultures by means of electric DNA chips. <i>Analytical Biochemistry</i> , 2004, 324, 84-91.	1.1	29

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19	Abnormal Sphingolipid World in Inflammation Specific for Lysosomal Storage Diseases and Skin Disorders. <i>International Journal of Molecular Sciences</i> , 2018, 19, 247.	1.8	28
20	Substrate Reduction Therapies for Mucopolysaccharidoses. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 1860-1865.	0.9	26
21	The Role of Dimethyl Sulfoxide (DMSO) in Gene Expression Modulation and Glycosaminoglycan Metabolism in Lysosomal Storage Disorders on an Example of Mucopolysaccharidosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 304.	1.8	26
22	Effect of unlabeled helper probes on detection of an RNA target by bead-based sandwich hybridization. <i>BioTechniques</i> , 2004, 36, 124-132.	0.8	25
23	Molecular action of isoflavone genistein in the human epithelial cell line HaCaT. <i>PLoS ONE</i> , 2018, 13, e0192297.	1.1	24
24	Identification of pathogenic microbial cells and spores by electrochemical detection on a biochip. <i>Microbial Cell Factories</i> , 2004, 3, 2.	1.9	23
25	Cell cycle is disturbed in mucopolysaccharidosis type II fibroblasts, and can be improved by genistein. <i>Gene</i> , 2016, 585, 100-103.	1.0	23
26	Excess production of phage $\lambda$ delayed early proteins under conditions supporting high <i>Escherichia coli</i> growth rates. <i>Microbiology (United Kingdom)</i> , 1998, 144, 2217-2224.	0.7	22
27	ClpP/ClpX-mediated degradation of the bacteriophage $\lambda$ O protein and regulation of $\lambda$ phage and $\lambda$ plasmid replication. <i>Archives of Microbiology</i> , 2000, 174, 89-96.	1.0	21
28	Regulation of the switch from early to late bacteriophage $\lambda$ DNA replication. <i>Microbiology (United Kingdom)</i> , 1997, 143, 107-115.	0.7	21
29	Synthetic genistein derivatives as modulators of glycosaminoglycan storage. <i>Journal of Translational Medicine</i> , 2012, 10, 153.	1.8	20
30	Factors and processes modulating phenotypes in neuronopathic lysosomal storage diseases. <i>Metabolic Brain Disease</i> , 2014, 29, 1-8.	1.4	20
31	Combined Therapies for Lysosomal Storage Diseases. <i>Current Molecular Medicine</i> , 2015, 15, 746-771.	0.6	16
32	Effects of flavonoids on expression of genes involved in cell cycle regulation and DNA replication in human fibroblasts. <i>Molecular and Cellular Biochemistry</i> , 2015, 407, 97-109.	1.4	15
33	Unbalanced Sphingolipid Metabolism and Its Implications for the Pathogenesis of Psoriasis. <i>Molecules</i> , 2020, 25, 1130.	1.7	15
34	Metal and antibiotic resistance of bacteria isolated from the Baltic Sea. <i>International Microbiology</i> , 2012, 15, 131-9.	1.1	15
35	Putative Biological Mechanisms of Efficiency of Substrate Reduction Therapies for Mucopolysaccharidoses. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2012, 60, 461-468.	1.0	14
36	Critical factors for the performance of chip array-based electrical detection of DNA for analysis of pathogenic bacteria. <i>Analytical Biochemistry</i> , 2008, 382, 77-86.	1.1	13

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37	Nonsteroidal anti-inflammatory drugs modulate cellular glycosaminoglycan synthesis by affecting EGFR and PI3K signaling pathways. <i>Scientific Reports</i> , 2017, 7, 43154.	1.6	13
38	Lysosome Alterations in the Human Epithelial Cell Line HaCaT and Skin Specimens: Relevance to Psoriasis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2255.	1.8	13
39	Regulation of replication of $\phi$ phage and $\phi$ plasmid DNAs at low temperature. <i>Molecular Genetics and Genomics</i> , 1998, 258, 494-502.	2.4	12
40	Detection of DNA Replication Intermediates after Two-Dimensional Agarose Gel Electrophoresis Using a Fluorescein-Labeled Probe. <i>Analytical Biochemistry</i> , 1999, 269, 221-222.	1.1	11
41	Gene-based identification of bacterial colonies with an electric chip. <i>Analytical Biochemistry</i> , 2005, 345, 270-276.	1.1	11
42	Effect of Silicone on the Collagen Fibrillogenesis and Stability. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 1275-1281.	1.6	9
43	Activities of genes controlling sphingolipid metabolism in human fibroblasts treated with flavonoids. <i>Metabolic Brain Disease</i> , 2015, 30, 1257-1267.	1.4	9
44	Genistein inhibits activities of methylenetetrahydrofolate reductase and lactate dehydrogenase, enzymes which use NADH as a substrate. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 363-367.	1.0	7
45	ERAP1 and HLA-C*06 are strongly associated with the risk of psoriasis in the population of northern Poland. <i>Postępy Dermatologii i Alergologii</i> , 2018, 35, 286-292.	0.4	7
46	The role of genetic factors and monocyte-to-osteoclast differentiation in the pathogenesis of Charcot neuroarthropathy. <i>Diabetes Research and Clinical Practice</i> , 2020, 166, 108337.	1.1	7
47	Simultaneous siRNA-mediated silencing of pairs of genes coding for enzymes involved in glycosaminoglycan synthesis. <i>Acta Biochimica Polonica</i> , 2012, 59, .	0.3	7
48	Genistein modulates gene activity in psoriatic patients. <i>Acta Biochimica Polonica</i> , 2019, 66, 101-110.	0.3	7
49	Evidence for interactions between homocysteine and genistein: insights into stroke risk and potential treatment. <i>Metabolic Brain Disease</i> , 2017, 32, 1855-1860.	1.4	6
50	Impact of isoflavone genistein on psoriasis in in vivo and in vitro investigations. <i>Scientific Reports</i> , 2021, 11, 18297.	1.6	6
51	Sample processing for DNA chip array-based analysis of enterohemorrhagic <i>Escherichia coli</i> (EHEC). <i>Microbial Cell Factories</i> , 2008, 7, 29.	1.9	5
52	Cellular and Gene Expression Response to the Combination of Genistein and Kaempferol in the Treatment of Mucopolysaccharidosis Type I. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1058.	1.8	5
53	A novel dual mode capacitor biosensor for real-time, label-free DNA detection. , 2006, , .		4
54	A new potential mode of cardiorenal protection of KLOTHO gene variability in type 1 diabetic adolescents. <i>Journal of Molecular Medicine</i> , 2020, 98, 955-962.	1.7	4

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55	The model homologue of the partially defective human 5,10-methylenetetrahydrofolate reductase, considered as a risk factor for stroke due to increased homocysteine level, can be protected and reactivated by heat shock proteins. <i>Metabolic Brain Disease</i> , 2016, 31, 1041-1045.	1.4	3
56	Simultaneous siRNA-mediated silencing of pairs of genes coding for enzymes involved in glycosaminoglycan synthesis. <i>Acta Biochimica Polonica</i> , 2012, 59, 293-8.	0.3	3
57	Construction and Use of a Broad-Host-Range Plasmid Expressing the lamB Gene for Utilization of Bacteriophage $\lambda$ Vectors in the Marine Bacterium <i>Vibrio harveyi</i> . <i>Marine Biotechnology</i> , 2001, 3, 336-345.	1.1	2
58	Comparison of siRNA-mediated silencing of glycosaminoglycan synthesis genes and enzyme replacement therapy for mucopolysaccharidosis in cell culture studies.. <i>Acta Biochimica Polonica</i> , 2012, 59, .	0.3	2
59	Use of Cytokine Mix-, Imiquimod-, and Serum-Induced Monoculture and Lipopolysaccharide- and Interferon Gamma-Treated Co-Culture to Establish In Vitro Psoriasis-like Inflammation Models. <i>Cells</i> , 2021, 10, 2985.	1.8	2
60	Transforming growth factor $\beta$ 1 protein and mRNA levels in inflammatory bowel diseases: towards solving the contradictions by longitudinal assessment of the protein and mRNA amounts. <i>Acta Biochimica Polonica</i> , 2013, 60, 683-8.	0.3	1
61	An Introduction to DNA Chips. , 2005, , 113-126.		0
62	Non-steroidal anti-inflammatory drugs are safe with respect to the transcriptome of human dermal fibroblasts. <i>European Journal of Pharmacology</i> , 2018, 818, 206-210.	1.7	0