

Andrzej Gamian

List of Publications by Year in descending order

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Version: 2024-02-01

260
papers

4,958
citations

117625

34
h-index

197818

49
g-index

277
all docs

277
docs citations

277
times ranked

6889
citing authors

#	ARTICLE	IF	CITATIONS
1	Phage display – A powerful technique for immunotherapy. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1817-1828.	3.3	171
2	Cytotoxic impact of phenolics from Lamiaceae species on human breast cancer cells. <i>Food Chemistry</i> , 2013, 141, 1313-1321.	8.2	92
3	Antioxidant activity of selected phenols estimated by ABTS and FRAP methods. <i>Postępy Higieny i Medycyny Doswiadczalnej</i> , 2013, 67, 958-963.	0.1	85
4	Pathogenic factors of <i>Pseudomonas aeruginosa</i> – the role of biofilm in pathogenicity and as a target for phage therapy. <i>Postępy Higieny i Medycyny Doswiadczalnej</i> , 2017, 71, 78-91.	0.1	77
5	Acute-phase response proteins are related to cachexia and accelerated angiogenesis in gastroesophageal cancers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 359-64.	2.3	76
6	Inhibition of influenza A virus hemagglutinin and induction of interferon by synthetic sialylated glycoconjugates. <i>Canadian Journal of Microbiology</i> , 1991, 37, 233-237.	1.7	74
7	Recognition of bacterial lipopolysaccharide using bacteriophage-adhesin-coated long-period gratings. <i>Biosensors and Bioelectronics</i> , 2015, 67, 93-99.	10.1	73
8	Immunoregulatory potential of exopolysaccharide from <i>Lactobacillus rhamnosus</i> KL37. Effects on the production of inflammatory mediators by mouse macrophages. <i>International Journal of Experimental Pathology</i> , 2011, 92, 382-391.	1.3	72
9	Effect of sepsis and cardiac surgery with cardiopulmonary bypass on plasma level of nitric oxide metabolites, neopterin, and procalcitonin: correlation with mortality and postoperative complications. <i>Intensive Care Medicine</i> , 2000, 26, 1259-1267.	8.2	70
10	Profiles of circulating inflammatory cytokines in colorectal cancer (CRC), high cancer risk conditions, and health are distinct. Possible implications for CRC screening and surveillance. <i>Cancer Letters</i> , 2013, 337, 107-114.	7.2	68
11	Physicochemical characterization of exopolysaccharides produced by <i>Lactobacillus rhamnosus</i> on various carbon sources. <i>Carbohydrate Polymers</i> , 2015, 117, 501-509.	10.2	67
12	Global phylogeography and evolutionary history of <i>Shigella dysenteriae</i> type 1. <i>Nature Microbiology</i> , 2016, 1, 16027.	13.3	65
13	Chromatographic analysis of tryptophan metabolites. <i>Journal of Separation Science</i> , 2017, 40, 3020-3045.	2.5	63
14	The Core Structure of <i>Shigella sonnei</i> Lipopolysaccharide and the Linkage between O- Specific Polysaccharide and the Core Region. <i>FEBS Journal</i> , 1982, 129, 105-109.	0.2	57
15	Enhanced formation of advanced oxidation protein products in IBD. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 794-802.	1.9	56
16	Structural and immunochemical studies of neutral exopolysaccharide produced by <i>Lactobacillus johnsonii</i> 142. <i>Carbohydrate Research</i> , 2010, 345, 108-114.	2.3	55
17	Structure of the O-specific, sialic acid containing polysaccharide chain and its linkage to the core region in lipopolysaccharide from <i>Hafnia alvei</i> strain 2 as elucidated by chemical methods, gas-liquid chromatography/mass spectrometry, and proton NMR spectroscopy. <i>Biochemistry</i> , 1991, 30, 5032-5038.	2.5	54
18	Influence of Cu – Ti thin film surface properties on antimicrobial activity and viability of living cells. <i>Materials Science and Engineering C</i> , 2015, 56, 48-56.	7.3	52

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19	Advanced glycation end products and their receptors in serum of patients with type 2 diabetes. Scientific Reports, 2021, 11, 13264.	3.3	52
20	Health-Promoting of Polysaccharides Extracted from Ganoderma lucidum. Nutrients, 2021, 13, 2725.	4.1	52
21	Lactobacillus rhamnosus Exopolysaccharide Ameliorates Arthritis Induced by the Systemic Injection of Collagen and Lipopolysaccharide in DBA/1 Mice. Archivum Immunologiae Et Therapiae Experimentalis, 2012, 60, 211-220.	2.3	48
22	Nuclear localization of aldolase A correlates with cell proliferation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 2812-2822.	4.1	47
23	Paraoxonase-1 status in Crohn's disease and ulcerative colitis. Inflammatory Bowel Diseases, 2009, 15, 93-99.	1.9	44
24	Matrix Metalloproteinase-9: Its Interplay with Angiogenic Factors in Inflammatory Bowel Diseases. Disease Markers, 2014, 2014, 1-8.	1.3	43
25	Targeted metabolomic analysis of nitric oxide/L-arginine pathway metabolites in dementia: association with pathology, severity, and structural brain changes. Scientific Reports, 2019, 9, 13764.	3.3	43
26	Distinct Immunomodulation of Bone Marrow-Derived Dendritic Cell Responses to Lactobacillus plantarum WCFS1 by Two Different Polysaccharides Isolated from Lactobacillus rhamnosus LOCK 0900. Applied and Environmental Microbiology, 2014, 80, 6506-6516.	3.1	41
27	Amycolatopsis palatopharyngis sp. nov., a potentially pathogenic actinomycete isolated from a human clinical source. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 359-363.	1.7	40
28	Impaired erythrocyte antioxidant defense in active inflammatory bowel disease: Impact of anemia and treatment. Inflammatory Bowel Diseases, 2010, 16, 1467-1475.	1.9	39
29	Optical fiber aptasensor for label-free bacteria detection in small volumes. Sensors and Actuators B: Chemical, 2021, 330, 129316.	7.8	38
30	The structure of the sialic acid-containing Escherichia coli O104 O-specific polysaccharide and its linkage to the core region in lipopolysaccharide. Carbohydrate Research, 1992, 236, 195-208.	2.3	37
31	Paraoxonase 1 (PON1) status in gastroesophageal malignancies and associated paraneoplastic syndromes – Connection with inflammation. Clinical Biochemistry, 2008, 41, 804-811.	1.9	37
32	Expression Stability of Common Housekeeping Genes Is Differently Affected by Bowel Inflammation and Cancer. Inflammatory Bowel Diseases, 2014, 20, 1147-1156.	1.9	37
33	Elevated systemic interleukin-7 in patients with colorectal cancer and individuals at high risk of cancer: association with lymph node involvement and tumor location in the right colon. Cancer Immunology, Immunotherapy, 2017, 66, 171-179.	4.2	37
34	Structure elucidation of the core regions from Citrobacter O4 and O36 lipopolysaccharides by chemical and enzymic methods, gas chromatography/mass spectrometry, and NMR spectroscopy at 500 MHz. Biochemistry, 1988, 27, 4153-4161.	2.5	36
35	Paraoxonase (PON)-1 activity in overweight and obese children and adolescents: association with obesity-related inflammation and oxidative stress. Advances in Clinical and Experimental Medicine, 2013, 22, 229-36.	1.4	36
36	Distribution of 3-Hydroxy Fatty Acids in Tissues after Intraperitoneal Injection of Endotoxin. Clinical Chemistry, 2003, 49, 1149-1153.	3.2	35

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37	Novel Bacterial Polar Lipids Containing Ether-linked Alkyl Chains, the Structures and Biological Properties of the Four Major Glycolipids from <i>Propionibacterium propionicum</i> PCM 2431 (ATCC 14157T). <i>Journal of Biological Chemistry</i> , 2003, 278, 3948-3956.	3.4	35
38	Light Insensitive Silver(I) Cyanoximates As Antimicrobial Agents for Indwelling Medical Devices. <i>Inorganic Chemistry</i> , 2010, 49, 9863-9874.	4.0	35
39	The structure and immunoreactivity of exopolysaccharide isolated from <i>Lactobacillus johnsonii</i> strain 151. <i>Carbohydrate Research</i> , 2013, 378, 148-153.	2.3	35
40	Immunochemical studies on sialic acid-containing lipopolysaccharides from enterobacterial species. <i>FEMS Microbiology Letters</i> , 1992, 89, 323-328.	1.8	34
41	<i>Ruania albidiflava</i> gen. nov., sp. nov., a novel member of the suborder Micrococccineae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 809-814.	1.7	34
42	Midkine, A Multifunctional Cytokine, in Patients with Severe Sepsis and Septic Shock. <i>Shock</i> , 2011, 35, 471-477.	2.1	34
43	Core region of <i>Citrobacter</i> lipopolysaccharide from strain PCM 1487. Structure elucidation by two-dimensional 1H-NMR spectroscopy at 500 MHz and methylation analysis/mass spectrometry. <i>FEBS Journal</i> , 1986, 161, 557-564.	0.2	33
44	Gender-specific association of serum uric acid with metabolic syndrome and its components in juvenile obesity. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 129-136.	2.3	32
45	Label-free Gram-negative bacteria detection using bacteriophage-adhesin-coated long-period gratings. <i>Biomedical Optics Express</i> , 2016, 7, 829.	2.9	32
46	Structural and immunomodulatory differences among lactobacilli exopolysaccharides isolated from intestines of mice with experimentally induced inflammatory bowel disease. <i>Scientific Reports</i> , 2016, 6, 37613.	3.3	31
47	Chemical characterization and immunomodulatory properties of polysaccharides isolated from probiotic <i>Lactobacillus casei</i> LOCK 0919. <i>Glycobiology</i> , 2016, 26, 1014-1024.	2.5	31
48	Quantitative Analysis of L-Arginine, Dimethylated Arginine Derivatives, L-Citrulline, and Dimethylamine in Human Serum Using Liquid Chromatography–Mass Spectrometric Method. <i>Chromatographia</i> , 2018, 81, 911-921.	1.3	31
49	Subsite heterogeneity in the profiles of circulating cytokines in colorectal cancer. <i>Cytokine</i> , 2018, 110, 435-441.	3.2	31
50	Phage display—A powerful technique for immunotherapy. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1829-1835.	3.3	30
51	Structural studies of the major glycolipid from <i>Saccharopolyspora</i> genus. <i>Carbohydrate Research</i> , 1996, 296, 55-67.	2.3	29
52	Structural studies of the exopolysaccharide consisting of a nonasaccharide repeating unit isolated from <i>Lactobacillus rhamnosus</i> KL37B. <i>Carbohydrate Research</i> , 2011, 346, 2926-2932.	2.3	29
53	Nampt/PBEF/Visfatin Upregulation in Colorectal Tumors, Mirrored in Normal Tissue and Whole Blood of Colorectal Cancer Patients, Is Associated with Metastasis, Hypoxia, IL1 β , and Anemia. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	29
54	Tail tubular protein A: a dual-function tail protein of <i>Klebsiella pneumoniae</i> bacteriophage KP32. <i>Scientific Reports</i> , 2017, 7, 2223.	3.3	29

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55	Citrobacter lipopolysaccharides: structure elucidation of the O-specific polysaccharide from strain PCM 1487 by mass spectrometry, one-dimensional and two-dimensional ¹ H-NMR spectroscopy and methylation analysis. FEBS Journal, 1985, 146, 641-647.	0.2	28
56	Hafnia alveilipopolysaccharides: Isolation, sugar composition and SDS-PAGE analysis. FEMS Microbiology Letters, 1988, 47, 151-155.	1.8	28
57	Comparison of inflammatory responses following robotic and open colorectal surgery: a prospective study. International Journal of Colorectal Disease, 2017, 32, 399-407.	2.2	28
58	The effect of a one-year weight reduction program on serum uric acid in overweight/obese children and adolescents. Clinical Chemistry and Laboratory Medicine, 2011, 49, 915-921.	2.3	27
59	Structure elucidation of the core octasaccharide from Citrobacter PCM 1487 with the aid of 500-MHz, two-dimensional phase-sensitive correlated, relayed-coherence transfer, double-quantum, triple-quantum filtered, and N.O.E. ¹ H-n.m.r. spectra. Carbohydrate Research, 1988, 180, 163-174.	2.3	26
60	Structure of the sialic acid-containing O-specific polysaccharide from Salmonella enterica serovar Toucra O48 lipopolysaccharide. FEBS Journal, 2000, 267, 3160-3167.	0.2	26
61	Structural analysis of the Lactobacillus rhamnosus strain KL37C exopolysaccharide. Carbohydrate Research, 2003, 338, 605-609.	2.3	26
62	Circulating midkine in malignant and non-malignant colorectal diseases. Cytokine, 2013, 64, 158-164.	3.2	25
63	An airborne actinobacteria Nocardiosis alba isolated from bioaerosol of a mushroom compost facility. Aerobiologia, 2014, 30, 413-422.	1.7	25
64	A broadband capacitive sensing method for label-free bacterial LPS detection. Biosensors and Bioelectronics, 2016, 75, 328-336.	10.1	25
65	Elizabethkingia miricola as an opportunistic oral pathogen associated with superinfectious complications in humoral immunodeficiency: a case report. BMC Infectious Diseases, 2017, 17, 763.	2.9	25
66	Pseudomonas aeruginosa biofilm is a potent inducer of phagocyte hyperinflammation. Inflammation Research, 2019, 68, 397-413.	4.0	25
67	Oversecretion and Overexpression of Nicotinamide Phosphoribosyltransferase/Pre-B Colony-Enhancing Factor/Visfatin in Inflammatory Bowel Disease Reflects the Disease Activity, Severity of Inflammatory Response and Hypoxia. International Journal of Molecular Sciences, 2019, 20, 166.	4.1	25
68	Protein fraction of barley spent grain as a new simple medium for growth and sporulation of soil actinobacteria. Biotechnology Letters, 2003, 25, 1717-1721.	2.2	24
69	Expression of MMP-2, TIMP-2, TGF- β 1, and Decorin in Dupuytren's Contracture. Connective Tissue Research, 2012, 53, 469-477.	2.3	24
70	The content of collagen type II in human arteries is correlated with the stage of atherosclerosis and calcification foci. Cardiovascular Pathology, 2017, 28, 21-27.	1.6	24
71	O-specific polysaccharides of Hafnia alvei lipopolysaccharides isolated from two serologically related strains: ATCC 13337 and 1187. A serological and structural study using chemical methods, gas chromatography/mass spectrometry and NMR spectroscopy at 500 MHz. FEBS Journal, 1989, 186, 611-620.	0.2	23
72	Specific plasma amino acid disturbances associated with metabolic syndrome. Endocrine, 2017, 58, 553-562.	2.3	23

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73	Technological Approaches for Improving Vaccination Compliance and Coverage. <i>Vaccines</i> , 2020, 8, 304.	4.4	23
74	Lipid peroxidation markers in Crohn's disease: the associations and diagnostic value. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 1359-66.	2.3	22
75	Interleukin-18 serum levels in sepsis: Correlation with disease severity and inflammatory markers. <i>Cytokine</i> , 2019, 120, 22-27.	3.2	22
76	A microwave matrix sensor for multipoint label-free <i>Escherichia coli</i> detection. <i>Biosensors and Bioelectronics</i> , 2020, 147, 111784.	10.1	22
77	Structure of the <i>Escherichia coli</i> O24 and O56 O-Specific Sialic-Acid-Containing Polysaccharides and Linkage of these Structures to the Core Region in Lipopolysaccharides. <i>FEBS Journal</i> , 1994, 225, 1211-1220.	0.2	21
78	Diagnostic potential of oxidative stress markers in children and adolescents with type 1 diabetes. <i>Clinical Biochemistry</i> , 2008, 41, 48-55.	1.9	21
79	A Statistically Supported Antioxidant Activity DFT Benchmark: The Effects of Hartree-Fock Exchange and Basis Set Selection on Accuracy and Resources Uptake. <i>Molecules</i> , 2021, 26, 5058.	3.8	21
80	Lipopolysaccharide core region of <i>Hafnia alvei</i> : structure elucidation using chemical methods, gas chromatography-mass spectrometry, and NMR spectroscopy. <i>Carbohydrate Research</i> , 1995, 266, 221-228.	2.3	20
81	Structural and serological characterization of the major glycolipid from <i>Rothia mucilaginosa</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1675, 54-61.	2.4	20
82	Antibodies against human muscle enolase recognize a 45-kDa bacterial cell wall outer membrane enolase-like protein. <i>FEMS Immunology and Medical Microbiology</i> , 2005, 45, 53-62.	2.7	20
83	<i>Shigella flexneri</i> 3a Outer Membrane Protein C Epitope Is Recognized by Human Umbilical Cord Sera and Associated with Protective Activity. <i>PLoS ONE</i> , 2013, 8, e70539.	2.5	20
84	Cytotoxic Effects of Four Aescin Types on Human Colon Adenocarcinoma Cell Lines. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	20
85	Microbiological Analysis of Necrosols Collected from Urban Cemeteries in Poland. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	20
86	Structures and serology of the O-specific polysaccharides of bacteria of the genus <i>Citrobacter</i> . <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2002, 50, 379-91.	2.3	20
87	Sialic Acid-Containing Lipopolysaccharides of <i>Salmonella</i> O48 Strains: Potential Role in Camouflage and Susceptibility to the Bactericidal Effect of Normal Human Serum. <i>Microbial Ecology</i> , 2010, 59, 601-613.	2.8	19
88	Oxidative alterations induced in vitro by the photodynamic reaction in doxorubicin-sensitive (LoVo) and -resistant (LoVoDX) colon adenocarcinoma cells. <i>Experimental Biology and Medicine</i> , 2010, 235, 98-110.	2.4	19
89	Glycation of the Muscle-Specific Enolase by Reactive Carbonyls: Effect of Temperature and the Protection Role of Carnosine, Pyridoxamine and Phosphatidylserine. <i>Protein Journal</i> , 2011, 30, 149-158.	1.6	19
90	Tumor location determines midline level and its association with the disease progression in colorectal cancer patients: a pilot study. <i>International Journal of Colorectal Disease</i> , 2012, 27, 1319-1324.	2.2	19

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91	Paraoxonase 1 decline and lipid peroxidation rise reflect a degree of brain atrophy and vascular impairment in dementia. <i>Advances in Clinical and Experimental Medicine</i> , 2020, 29, 71-78.	1.4	19
92	Structural and serological studies on a new 4-deoxy-d-arabino-hexose-containing O-specific polysaccharide from the lipopolysaccharide of <i>Citrobacter braakii</i> PCM 1531 (serogroup O6). <i>FEBS Journal</i> , 2003, 270, 2732-2738.	0.2	18
93	Inhibition of human muscle-specific enolase by methylglyoxal and irreversible formation of advanced glycation end products. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 356-364.	5.2	18
94	Creation of an In-House Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry <i>Corynebacterineae</i> Database Overcomes Difficulties in Identification of <i>Nocardia farcinica</i> Clinical Isolates. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2611-2621.	3.9	18
95	Diagnostic Potential of Systemic Eosinophil-Associated Cytokines and Growth Factors in IBD. <i>Gastroenterology Research and Practice</i> , 2018, 2018, 1-10.	1.5	18
96	Quantitative indices of dynamics in concentrations of lipopolysaccharide-binding protein (LBP) as prognostic factors in severe sepsis/septic shock patients – Comparison with CRP and procalcitonin. <i>Clinical Biochemistry</i> , 2011, 44, 357-363.	1.9	17
97	Polysaccharides L900/2 and L900/3 isolated from <i>Lactobacillus rhamnosus</i> LOCK 0900 modulate allergic sensitization to ovalbumin in a mouse model. <i>Microbial Biotechnology</i> , 2017, 10, 586-593.	4.2	17
98	A novel mass spectrometry-based method for simultaneous determination of asymmetric and symmetric dimethylarginine, L-arginine and L-citrulline optimized for LC-MS/MS and LC-MS/MS. <i>Biomedical Chromatography</i> , 2017, 31, e3994.	1.7	17
99	Modulatory impact of selected ellagitannins on the viability of human breast cancer cells. <i>Journal of Functional Foods</i> , 2018, 42, 122-128.	3.4	17
100	Metabolites of the Nitric Oxide (NO) Pathway Are Altered and Indicative of Reduced NO and Arginine Bioavailability in Patients with Cardiometabolic Diseases Complicated with Chronic Wounds of Lower Extremities: Targeted Metabolomics Approach (LC-MS/MS). <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	17
101	In Vitro and In Vivo Efficacy of a Novel Glucose–Methotrexate Conjugate in Targeted Cancer Treatment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1748.	4.1	17
102	Exopolysaccharide from <i>Lactobacillus rhamnosus</i> KL37 Inhibits T Cell-dependent Immune Response in Mice. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2020, 68, 17.	2.3	17
103	<i>Rothia amarae</i> sp. nov., from sludge of a foul water sewer.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 2257-2260.	1.7	16
104	A novel procedure for the isolation of glycolipids from <i>Bifidobacterium adolescentis</i> 94 BIM using supercritical carbon dioxide. <i>Journal of Biotechnology</i> , 2006, 121, 555-562.	3.8	16
105	The effect of packed red blood cell storage on arachidonic acid and advanced glycation end-product formation. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2006, 54, 357-362.	2.3	16
106	Analysis of Serum of Patients With Alzheimer's Disease for the Level of Advanced Glycation End Products. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2006, 21, 360-365.	1.9	16
107	Cancer Vaccines. Any Future?. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2011, 59, 249-259.	2.3	16
108	Serum cytokines in early prediction of anastomotic leakage following low anterior resection. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2018, 13, 33-43.	0.7	16

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109	Altered profiles of serum amino acids in patients with sepsis and septic shock – Preliminary findings. Archives of Biochemistry and Biophysics, 2020, 691, 108508.	3.0	16
110	Localization of Enolase in the Subfractions of a Breast Cancer Cell Line. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2009, 64, 754-758.	1.4	15
111	The physiological and morphological phenotype of a yeast mutant resistant to the quaternary ammonium salt N-(dodecyloxycarbonylmethyl)-N,N,N-trimethyl ammonium chloride. Cellular and Molecular Biology Letters, 2010, 15, 215-33.	7.0	15
112	Association of C-terminal region of phosphoglycerate mutase with glycolytic complex regulates energy production in cancer cells. Journal of Cellular Physiology, 2012, 227, 2613-2621.	4.1	15
113	Effect of tocopherol on biochemical blood parameters in pleuritis-induced rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin. Toxicology and Industrial Health, 2015, 31, 510-522.	1.4	15
114	Analysis of Polyphenolic Compounds in Extracts from Leaves of Some Malus domestica Cultivars: Antiradical and Antimicrobial Analysis of These Extracts. BioMed Research International, 2016, 2016, 1-12.	1.9	15
115	Preliminary MALDI-TOF-MS analysis of seminal plasma N-glycome of infertile men. Carbohydrate Research, 2016, 435, 19-25.	2.3	15
116	Serum availability affects expression of common house-keeping genes in colon adenocarcinoma cell lines: implications for quantitative real-time PCR studies. Cytotechnology, 2016, 68, 2503-2517.	1.6	15
117	Reduced Transferrin Levels in Active Inflammatory Bowel Disease. BioMed Research International, 2017, 2017, 1-8.	1.9	15
118	Role of the Lymphatic System in the Pathogenesis of Hypertension in Humans. Lymphatic Research and Biology, 2018, 16, 140-146.	1.1	15
119	Asymmetric and symmetric dimethylarginines and mortality in patients with hematological malignancies – A prospective study. PLoS ONE, 2018, 13, e0197148.	2.5	15
120	The melibiose-derived glycation product mimics a unique epitope present in human and animal tissues. Scientific Reports, 2021, 11, 2940.	3.3	15
121	Outer Membrane Proteins of Salmonella as Potential Markers of Resistance to Serum, Antibiotics and Biocides. Current Medicinal Chemistry, 2019, 26, 1960-1978.	2.4	15
122	Structure of the O-specific polysaccharide containing pentitol phosphate, isolated from Hafnia alvei strain PCM 1191 lipopolysaccharide. FEBS Journal, 1993, 213, 1255-1260.	0.2	14
123	[24] Induction of rabbit immunoglobulin G antibodies against synthetic sialylated neoglycoproteins. Methods in Enzymology, 1994, 247, 351-361.	1.0	14
124	Structure of the major glycolipid from Rothia dentocariosa. BBA - Proteins and Proteomics, 2002, 1594, 199-205.	2.1	14
125	Toll-Like Receptor Ligands Reverse Suppression of Contact Hypersensitivity Reactions Induced by Epicutaneous Immunization with Protein Antigen. International Archives of Allergy and Immunology, 2006, 139, 188-200.	2.1	14
126	Structural characterization of the major glycolipids from Arthrobacter globiformis and Arthrobacter scleromae. Carbohydrate Research, 2010, 345, 1497-1503.	2.3	14

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127	Protective effects of levamisole, acetylsalicylic acid, and Î±-tocopherol against dioxin toxicity measured as the expression of AhR and COX-2 in a chicken embryo model. <i>Histochemistry and Cell Biology</i> , 2017, 147, 523-536.	1.7	14
128	Epitope Mapping of <i>Streptococcus agalactiae</i> Elongation Factor Tu Protein Recognized by Human Sera. <i>Frontiers in Microbiology</i> , 2018, 9, 125.	3.5	14
129	Structure of the O-specific polysaccharide of <i>Hafnia alvei</i> PCM 1196. <i>Carbohydrate Research</i> , 2001, 330, 523-528.	2.3	13
130	Structure of an abequose-containing O-polysaccharide from <i>Citrobacter freundii</i> O22 strain PCM 1555. <i>Carbohydrate Research</i> , 2009, 344, 1724-1728.	2.3	13
131	Polyelectrolyte Oilâ€Core Nanocarriers for Localized and Sustained Delivery of Daunorubicin to Colon Carcinoma MC38 Cells: The Case of Polysaccharide Multilayer Film in Relation to PEGâ€ylated Shell. <i>Macromolecular Bioscience</i> , 2017, 17, 1600356.	4.1	13
132	Identification and characterization of phage protein and its activity against two strains of multidrug-resistant <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2019, 9, 13487.	3.3	13
133	Structural study and serological characterisation of the O-specific polysaccharide of <i>Hafnia alvei</i> PCM 1185, another <i>Hafnia</i> O-antigen that contains 3,6-dideoxy-3-[(R)-3-hydroxybutyramido]-d-glucose. <i>Carbohydrate Research</i> , 1996, 293, 61-70.	2.3	12
134	Immunochemical studies of the lipopolysaccharide O-specific polysaccharide of <i>Hafnia alvei</i> PCM 1199 related to <i>H. alvei</i> PCM 1205. <i>FEBS Journal</i> , 1998, 251, 980-985.	0.2	12
135	Bactericidal activity of normal cord serum (NCS) against Gram-negative rods with sialic acid-containing lipopolysaccharides (LPS). <i>FEMS Immunology and Medical Microbiology</i> , 2001, 31, 169-173.	2.7	12
136	Structures of two O-polysaccharides of the lipopolysaccharide of <i>Citrobacter youngae</i> PCM 1538 (serogroup O9). <i>Carbohydrate Research</i> , 2004, 339, 881-884.	2.3	12
137	Circulating adipocyte fatty acid-binding protein, juvenile obesity, and metabolic syndrome. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2011, 24, 921-8.	0.9	12
138	Development of Clickable Monophosphoryl Lipid A Derivatives toward Semisynthetic Conjugates with Tumor-Associated Carbohydrate Antigens. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9757-9768.	6.4	12
139	Midkine is up-regulated in both cancerous and inflamed bowel, reflecting lymph node metastasis in colorectal cancer and clinical activity of ulcerative colitis. <i>Cytokine</i> , 2017, 89, 68-75.	3.2	12
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142	Terminal Mannose Residues in Seminal Plasma Glycoproteins of Infertile Men Compared to Fertile Donors. <i>International Journal of Molecular Sciences</i> , 2015, 16, 14933-14950.	4.1	11
143	Hydrolytic activity determination of Tail Tubular Protein A of <i>Klebsiella pneumoniae</i> bacteriophages towards saccharide substrates. <i>Scientific Reports</i> , 2017, 7, 18048.	3.3	11
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