

Andrzej Gamian

List of Publications by Citations

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248
papers

3,639
citations

31
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42
g-index

276
ext. papers

4,362
ext. citations

3.8
avg, IF

5.33
L-index

#	Paper	IF	Citations
248	Phage display--a powerful technique for immunotherapy: 1. Introduction and potential of therapeutic applications. <i>Human Vaccines and Immunotherapeutics</i> , 2012 , 8, 1817-28	4.4	122
247	Cytotoxic impact of phenolics from Lamiaceae species on human breast cancer cells. <i>Food Chemistry</i> , 2013 , 141, 1313-21	8.5	78
246	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	5.9	63
245	Inhibition of influenza A virus hemagglutinin and induction of interferon by synthetic sialylated glycoconjugates. <i>Canadian Journal of Microbiology</i> , 1991 , 37, 233-7	3.2	63
244	Recognition of bacterial lipopolysaccharide using bacteriophage-adhesin-coated long-period gratings. <i>Biosensors and Bioelectronics</i> , 2015 , 67, 93-9	11.8	61
243	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, 1259-67	14.5	60
242	Antioxidant activity of selected phenols estimated by ABTS and FRAP methods. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2013 , 67, 958-63	0.3	60
241	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, 382-91	2.8	54
240	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, 107-14	9.9	51
239	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, 105-9		51
238	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 ¹ H NMR spectroscopy. <i>Biochemistry</i> , 1991 , 30, 5032-8	3.2	50
237	Global phylogeography and evolutionary history of <i>Shigella dysenteriae</i> type 1. <i>Nature Microbiology</i> , 2016 , 1, 16027	26.6	47
236	Physicochemical characterization of exopolysaccharides produced by <i>Lactobacillus rhamnosus</i> on various carbon sources. <i>Carbohydrate Polymers</i> , 2015 , 117, 501-509	10.3	46
235	Structural and immunochemical studies of neutral exopolysaccharide produced by <i>Lactobacillus johnsonii</i> 142. <i>Carbohydrate Research</i> , 2010 , 345, 108-14	2.9	46
234	Pathogenic factors of <i>Pseudomonas aeruginosa</i> - the role of biofilm in pathogenicity and as a target for phage therapy. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2017 , 71, 78-91	0.3	44
233	Enhanced formation of advanced oxidation protein products in IBD. <i>Inflammatory Bowel Diseases</i> , 2008 , 14, 794-802	4.5	43
232	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	8.3	42

231	Lactobacillus rhamnosus exopolysaccharide ameliorates arthritis induced by the systemic injection of collagen and lipopolysaccharide in DBA/1 mice. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2012 , 60, 211-20	4	42
230	Chromatographic analysis of tryptophan metabolites. <i>Journal of Separation Science</i> , 2017 , 40, 3020-3045	3.4	41
229	Nuclear localization of aldolase A correlates with cell proliferation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 2812-2822	4.9	38
228	Paraoxonase-1 status in Crohn's disease and ulcerative colitis. <i>Inflammatory Bowel Diseases</i> , 2009 , 15, 93-9	4.5	35
227	Matrix metalloproteinase-9: its interplay with angiogenic factors in inflammatory bowel diseases. <i>Disease Markers</i> , 2014 , 2014, 643645	3.2	34
226	Amycolatopsis palatopharyngis sp. nov., a potentially pathogenic actinomycete isolated from a human clinical source. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 359-363	2.2	34
225	The structure and immunoreactivity of exopolysaccharide isolated from Lactobacillus johnsonii strain 151. <i>Carbohydrate Research</i> , 2013 , 378, 148-53	2.9	33
224	Light insensitive silver(I) cyanoximates as antimicrobial agents for indwelling medical devices. <i>Inorganic Chemistry</i> , 2010 , 49, 9863-74	5.1	33
223	Paraoxonase 1 (PON1) status in gastroesophageal malignancies and associated paraneoplastic syndromes - connection with inflammation. <i>Clinical Biochemistry</i> , 2008 , 41, 804-11	3.5	33
222	Paraoxonase (PON)-1 activity in overweight and obese children and adolescents: association with obesity-related inflammation and oxidative stress. <i>Advances in Clinical and Experimental Medicine</i> , 2013 , 22, 229-36	1.8	33
221	Novel bacterial polar lipids containing ether-linked alkyl chains, the structures and biological properties of the four major glycolipids from Propionibacterium propionicum PCM 2431 (ATCC 14157T). <i>Journal of Biological Chemistry</i> , 2003 , 278, 3948-56	5.4	32
220	The structure of the sialic acid-containing Escherichia coli O104 O-specific polysaccharide and its linkage to the core region in lipopolysaccharide. <i>Carbohydrate Research</i> , 1992 , 236, 195-208	2.9	32
219	Structure elucidation of the core regions from Citrobacter O4 and O36 lipopolysaccharides by chemical and enzymatic methods, gas chromatography/mass spectrometry, and NMR spectroscopy at 500 MHz. <i>Biochemistry</i> , 1988 , 27, 4153-61	3.2	32
218	Immunochemical studies on sialic acid-containing lipopolysaccharides from enterobacterial species. <i>FEMS Microbiology Letters</i> , 1992 , 4, 323-8	2.9	31
217	Distinct immunomodulation of bone marrow-derived dendritic cell responses to Lactobacillus plantarum WCFS1 by two different polysaccharides isolated from Lactobacillus rhamnosus LOCK 0900. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 6506-16	4.8	29
216	Impaired erythrocyte antioxidant defense in active inflammatory bowel disease: impact of anemia and treatment. <i>Inflammatory Bowel Diseases</i> , 2010 , 16, 1467-75	4.5	29
215	Distribution of 3-hydroxy fatty acids in tissues after intraperitoneal injection of endotoxin. <i>Clinical Chemistry</i> , 2003 , 49, 1149-53	5.5	29
214	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, 129-36	5.9	27

213	Structural studies of the major glycolipid from Saccharopolyspora genus. <i>Carbohydrate Research</i> , 1996 , 296, 55-67	2.9	27
212	Label-free Gram-negative bacteria detection using bacteriophage-adhesin-coated long-period gratings. <i>Biomedical Optics Express</i> , 2016 , 7, 829-40	3.5	27
211	Expression stability of common housekeeping genes is differently affected by bowel inflammation and cancer: implications for finding suitable normalizers for inflammatory bowel disease studies. <i>Inflammatory Bowel Diseases</i> , 2014 , 20, 1147-56	4.5	26
210	Structural studies of the exopolysaccharide consisting of a nonasaccharide repeating unit isolated from Lactobacillus rhamnosus KL37B. <i>Carbohydrate Research</i> , 2011 , 346, 2926-32	2.9	26
209	Phage display--a powerful technique for immunotherapy: 2. Vaccine delivery. <i>Human Vaccines and Immunotherapeutics</i> , 2012 , 8, 1829-35	4.4	26
208	Ruania albidiflava gen. nov., sp. nov., a novel member of the suborder Micrococccineae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 809-814	2.2	26
207	Structural analysis of the Lactobacillus rhamnosus strain KL37C exopolysaccharide. <i>Carbohydrate Research</i> , 2003 , 338, 605-9	2.9	26
206	Core region of Citrobacter 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, 557-64		26
205	Hafnia alvei lipopolysaccharides: isolation, sugar composition and SDS-PAGE analysis. <i>FEMS Microbiology Letters</i> , 1988 , 1, 151-5	2.9	26
204	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, 523930	3	25
203	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. 1H-n.m.r. spectra. <i>Carbohydrate Research</i> , 1988 , 180, 163-174	2.9	25
202	Citrobacter lipopolysaccharides: structure elucidation of the O-specific polysaccharide from strain PCM 1487 by mass spectrometry, one-dimensional and two-dimensional 1H-NMR spectroscopy and methylation analysis. <i>FEBS Journal</i> , 1985 , 146, 641-7		25
201	Midkine, a multifunctional cytokine, in patients with severe sepsis and septic shock: a pilot study. <i>Shock</i> , 2011 , 35, 471-7	3.4	23
200	Protein fraction of barley spent grain as a new simple medium for growth and sporulation of soil actinobacteria. <i>Biotechnology Letters</i> , 2003 , 25, 1717-21	3	23
199	Structure of the sialic acid-containing O-specific polysaccharide from Salmonella enterica serovar Toucra O48 lipopolysaccharide. <i>FEBS Journal</i> , 2000 , 267, 3160-7		23
198	Targeted metabolomic analysis of nitric oxide/L-arginine pathway metabolites in dementia: association with pathology, severity, and structural brain changes. <i>Scientific Reports</i> , 2019 , 9, 13764	4.9	22
197	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. <i>FEBS Journal</i> , 1989 , 186, 611-20		22
196	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	4.9	22

195	Chemical characterization and immunomodulatory properties of polysaccharides isolated from probiotic <i>Lactobacillus casei</i> LOCK 0919. <i>Glycobiology</i> , 2016 , 26, 1014-1024	5.8	22
194	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	2.1	21
193	A broadband capacitive sensing method for label-free bacterial LPS detection. <i>Biosensors and Bioelectronics</i> , 2016 , 75, 328-36	11.8	21
192	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. <i>Cancer Immunology, Immunotherapy</i> , 2017 , 66, 171-179	7.4	21
191	Comparison of inflammatory responses following robotic and open colorectal surgery: a prospective study. <i>International Journal of Colorectal Disease</i> , 2017 , 32, 399-407	3	20
190	An airborne actinobacteria isolated from bioaerosol of a mushroom compost facility. <i>Aerobiologia</i> , 2014 , 30, 413-422	2.4	20
189	Circulating midkine in malignant and non-malignant colorectal diseases. <i>Cytokine</i> , 2013 , 64, 158-64	4	20
188	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, 221-8	2.9	20
187	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	4	19
186	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, 1211-20		19
185	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	4	19
184	Tail tubular protein A: a dual-function tail protein of <i>Klebsiella pneumoniae</i> bacteriophage KP32. <i>Scientific Reports</i> , 2017 , 7, 2223	4.9	18
183	The effect of a one-year weight reduction program on serum uric acid in overweight/obese children and adolescents. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 915-21	5.9	18
182	Diagnostic potential of oxidative stress markers in children and adolescents with type 1 diabetes. <i>Clinical Biochemistry</i> , 2008 , 41, 48-55	3.5	18
181	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, 2732-8		18
180	A microwave matrix sensor for multipoint label-free <i>Escherichia coli</i> detection. <i>Biosensors and Bioelectronics</i> , 2020 , 147, 111784	11.8	18
179	Subsite heterogeneity in the profiles of circulating cytokines in colorectal cancer. <i>Cytokine</i> , 2018 , 110, 435-441	4	18
178	Tumor location determines midkine level and its association with the disease progression in colorectal cancer patients: a pilot study. <i>International Journal of Colorectal Disease</i> , 2012 , 27, 1319-24	3	17

177	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, 149-58	3.9	17
176	Lipid peroxidation markers in Crohn's disease: the associations and diagnostic value. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1359-66	5.9	17
175	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. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
174	The content of collagen type II in human arteries is correlated with the stage of atherosclerosis and calcification foci. <i>Cardiovascular Pathology</i> , 2017 , 28, 21-27	3.8	16
173	Expression of MMP-2, TIMP-2, TGF- β 1, and decorin in Dupuytren's contracture. <i>Connective Tissue Research</i> , 2012 , 53, 469-77	3.3	16
172	Shigella flexneri 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	3.7	16
171	A novel procedure for the isolation of glycolipids from Bifidobacterium adolescentis 94 BIM using supercritical carbon dioxide. <i>Journal of Biotechnology</i> , 2006 , 121, 555-62	3.7	16
170	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		16
169	Elizabethkingia miricola as an opportunistic oral pathogen associated with superinfectious complications in humoral immunodeficiency: a case report. <i>BMC Infectious Diseases</i> , 2017 , 17, 763	4	15
168	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	3.7	15
167	Pseudomonas aeruginosa biofilm is a potent inducer of phagocyte hyperinflammation. <i>Inflammation Research</i> , 2019 , 68, 397-413	7.2	14
166	Creation of an In-House Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry Corynebacterineae Database Overcomes Difficulties in Identification of Nocardia farcinica Clinical Isolates. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 2611-21	9.7	14
165	Specific plasma amino acid disturbances associated with metabolic syndrome. <i>Endocrine</i> , 2017 , 58, 553-562	5.2	14
164	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, 357-63	3.5	14
163	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, 356-64	5.6	14
162	Localization of enolase in the subfractions of a breast cancer cell line. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009 , 64, 754-8	1.7	14
161	The physiological and morphological phenotype of a yeast mutant resistant to the quaternary ammonium salt N-(dodecyloxycarbonylmethyl)-N,N,N-trimethyl ammonium chloride. <i>Cellular and Molecular Biology Letters</i> , 2010 , 15, 215-33	8.1	14
160	Sialic acid-containing lipopolysaccharides of Salmonella O48 strains--potential role in camouflage and susceptibility to the bactericidal effect of normal human serum. <i>Microbial Ecology</i> , 2010 , 59, 601-13	4.4	14

159	Structure of the major glycolipid from <i>Rothia dentocariosa</i> . <i>BBA - Proteins and Proteomics</i> , 2002 , 1594, 199-205		14
158	Structure of the O-specific polysaccharide containing pentitol phosphate, isolated from <i>Hafnia alvei</i> strain PCM 1191 lipopolysaccharide. <i>FEBS Journal</i> , 1993 , 213, 1255-60		14
157	A novel mass spectrometry-based method for simultaneous determination of asymmetric and symmetric dimethylarginine, l-arginine and l-citrulline optimized for LC-MS-TOF and LC-MS/MS. <i>Biomedical Chromatography</i> , 2017 , 31, e3994	1.7	13
156	Association of C-terminal region of phosphoglycerate mutase with glycolytic complex regulates energy production in cancer cells. <i>Journal of Cellular Physiology</i> , 2012 , 227, 2613-21	7	13
155	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, 360-5	2.5	13
154	Toll-like receptor ligands reverse suppression of contact hypersensitivity reactions induced by epicutaneous immunization with protein antigen. <i>International Archives of Allergy and Immunology</i> , 2006 , 139, 188-200	3.7	13
153	Induction of rabbit immunoglobulin G antibodies against synthetic sialylated neoglycoproteins. <i>Methods in Enzymology</i> , 1994 , 247, 351-61	1.7	13
152	Interleukin-18 serum levels in sepsis: Correlation with disease severity and inflammatory markers. <i>Cytokine</i> , 2019 , 120, 22-27	4	12
151	Technological Approaches for Improving Vaccination Compliance and Coverage. <i>Vaccines</i> , 2020 , 8,	5.3	12
150	Cancer vaccines. Any future?. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2011 , 59, 249-59	4	12
149	Structural characterization of the major glycolipids from <i>Arthrobacter globiformis</i> and <i>Arthrobacter scleromae</i> . <i>Carbohydrate Research</i> , 2010 , 345, 1497-503	2.9	12
148	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, 980-5		12
147	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, 357-62	4	12
146	Serum cytokines in early prediction of anastomotic leakage following low anterior resection. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2018 , 13, 33-43	1.4	12
145	Modulatory impact of selected ellagitannins on the viability of human breast cancer cells. <i>Journal of Functional Foods</i> , 2018 , 42, 122-128	5.1	11
144	Effect of tocopherol on biochemical blood parameters in pleuritis-induced rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Toxicology and Industrial Health</i> , 2015 , 31, 510-22	1.8	11
143	Structure of an abequose-containing O-polysaccharide from <i>Citrobacter freundii</i> O22 strain PCM 1555. <i>Carbohydrate Research</i> , 2009 , 344, 1724-8	2.9	11
142	Structures of two O-polysaccharides of the lipopolysaccharide of <i>Citrobacter youngae</i> PCM 1538 (serogroup O9). <i>Carbohydrate Research</i> , 2004 , 339, 881-4	2.9	11

141	Structure of the O-specific polysaccharide of <i>Hafnia alvei</i> PCM 1196. <i>Carbohydrate Research</i> , 2001 , 330, 523-8	2.9	11
140	<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	2.2	11
139	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	2.9	11
138	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	1.8	11
137	Advanced glycation end products and their receptors in serum of patients with type 2 diabetes. <i>Scientific Reports</i> , 2021 , 11, 13264	4.9	11
136	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, 5015721	6.7	10
135	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	4	10
134	Reduced Transferrin Levels in Active Inflammatory Bowel Disease. <i>BioMed Research International</i> , 2017 , 2017, 9541370	3	10
133	Application of supercritical carbon dioxide (scCO ₂) for the extraction of lipopolysaccharides (LPS) from <i>Salmonella enterica</i> subsp. <i>enterica</i> PCM 2266. <i>Journal of Supercritical Fluids</i> , 2008 , 45, 51-56	4.2	10
132	Structures of two O-chain polysaccharides of <i>Citrobacter gillenii</i> O9a,9b lipopolysaccharide. A new homopolymer of 4-amino-4,6-dideoxy-D-mannose (perosamine). <i>FEBS Journal</i> , 2002 , 269, 93-9		10
131	Structure of the O-polysaccharide of <i>Hafnia alvei</i> strain PCM 1189 that has hexa- to octasaccharide repeating units owing to incomplete glucosylation. <i>Carbohydrate Research</i> , 2005 , 340, 263-70	2.9	10
130	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, 169-73		10
129	Structure of the <i>Hafnia alvei</i> strain PCM 1188 O-specific polysaccharide. <i>Carbohydrate Research</i> , 1995 , 277, 245-55	2.9	10
128	Core region of <i>Citrobacter</i> O23 lipopolysaccharide. Structure elucidation by chemical methods, gas chromatography/mass spectrometry and NMR spectroscopy at 500 MHz. <i>FEBS Journal</i> , 1991 , 196, 197-201		10
127	Role of the Lymphatic System in the Pathogenesis of Hypertension in Humans. <i>Lymphatic Research and Biology</i> , 2018 , 16, 140-146	2.3	9
126	Hydrolytic activity determination of Tail Tubular Protein A of <i>Klebsiella pneumoniae</i> bacteriophages towards saccharide substrates. <i>Scientific Reports</i> , 2017 , 7, 18048	4.9	9
125	Microbiological Analysis of Necrosols Collected from Urban Cemeteries in Poland. <i>BioMed Research International</i> , 2015 , 2015, 169573	3	9
124	Circulating adipocyte fatty acid-binding protein, juvenile obesity, and metabolic syndrome. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2011 , 24, 921-8	1.6	9

123	Structure of a phosphoethanolamine-containing O-polysaccharide of <i>Citrobacter freundii</i> strain PCM 1443 from serogroup O39 and its relatedness to the <i>Klebsiella pneumoniae</i> O1 polysaccharide. <i>FEMS Immunology and Medical Microbiology</i> , 2008 , 53, 60-4		9
122	The occurrence of glycine in bacterial lipopolysaccharides. <i>FEMS Immunology and Medical Microbiology</i> , 1996 , 13, 261-8		9
121	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	4	9
120	Protective effects of levamisole, acetylsalicylic acid, and 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	2.4	8
119	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	8.3	8
118	Nanoemulsion-based mucosal adjuvant induces apoptosis in human epithelial cells. <i>Vaccine</i> , 2015 , 33, 2289-2296	4.1	8
117	Serum availability affects expression of common house-keeping genes in colon adenocarcinoma cell lines: implications for quantitative real-time PCR studies. <i>Cytotechnology</i> , 2016 , 68, 2503-2517	2.2	8
116	Epitope Mapping of Elongation Factor Tu Protein Recognized by Human Sera. <i>Frontiers in Microbiology</i> , 2018 , 9, 125	5.7	8
115	Identification of high immunoreactive proteins from <i>Streptococcus agalactiae</i> isolates recognized by human serum antibodies. <i>FEMS Microbiology Letters</i> , 2013 , 349, 61-70	2.9	8
114	Immunochemical studies of trehalose-containing major glycolipid from <i>Tsukamurella pulmonis</i> . <i>Carbohydrate Research</i> , 2010 , 345, 1570-4	2.9	8
113	Structure of the glycerol phosphate-containing O-specific polysaccharide and serological studies on the lipopolysaccharides of <i>Citrobacter werkmanii</i> PCM 1548 and PCM 1549 (serogroup O14). <i>FEMS Immunology and Medical Microbiology</i> , 2008 , 54, 255-62		8
112	Routine clinical laboratory tests correspond to increased serum levels of 3-hydroxy fatty acids, markers of endotoxins, in cardiosurgery patients. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2006 , 54, 55-60	4	8
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