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List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,444
citations

471061

17
h-index

344852

36
g-index

61
all docs

61
docs citations

61
times ranked

2344
citing authors

#	ARTICLE	IF	CITATIONS
1	Virulence factors, prevalence and potential transmission of extraintestinal pathogenic <i>Escherichia coli</i> isolated from different sources: recent reports. <i>Gut Pathogens</i> , 2019, 11, 10.	1.6	402
2	Similarities and Differences between Silver Ions and Silver in Nanoforms as Antibacterial Agents. <i>International Journal of Molecular Sciences</i> , 2018, 19, 444.	1.8	307
3	Synthesis and antibacterial activity of novel titanium dioxide doped with silver. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 62, 79-86.	1.1	53
4	High Prevalence of Resistance to Fluoroquinolones and Tetracycline <i>Campylobacter</i> Spp. Isolated from Poultry in Poland. <i>Microbial Drug Resistance</i> , 2018, 24, 314-322.	0.9	49
5	Phosphine derivatives of ciprofloxacin and norfloxacin, a new class of potential therapeutic agents. <i>New Journal of Chemistry</i> , 2014, 38, 1062.	1.4	31
6	Regulatory Protein OmpR Influences the Serum Resistance of <i>Yersinia enterocolitica</i> O:9 by Modifying the Structure of the Outer Membrane. <i>PLoS ONE</i> , 2013, 8, e79525.	1.1	30
7	Textile with silver silica spheres: its antimicrobial activity against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Journal of Sol-Gel Science and Technology</i> , 2009, 51, 330-334.	1.1	29
8	Comparison of Antibacterial Mode of Action of Silver Ions and Silver Nanoformulations With Different Physico-Chemical Properties: Experimental and Computational Studies. <i>Frontiers in Microbiology</i> , 2021, 12, 659614.	1.5	28
9	Patterns of Oral Microbiota in Patients with Apical Periodontitis. <i>Journal of Clinical Medicine</i> , 2021, 10, 2707.	1.0	26
10	New photosensitive nanometric graphite oxide composites as antimicrobial material with prolonged action. <i>Journal of Inorganic Biochemistry</i> , 2016, 159, 142-148.	1.5	25
11	Phosphine derivatives of sparfloxacin – Synthesis, structures and in vitro activity. <i>Journal of Molecular Structure</i> , 2015, 1096, 55-63.	1.8	24
12	Antimicrobial Resistance and Biofilm Formation in <i>Enterococcus</i> spp. Isolated from Humans and Turkeys in Poland. <i>Microbial Drug Resistance</i> , 2019, 25, 277-286.	0.9	24
13	Killing of Gram-Negative Bacteria with Normal Human Serum and Normal Bovine Serum: Use of Lysozyme and Complement Proteins in the Death of <i>Salmonella</i> Strains O48. <i>Microbial Ecology</i> , 2009, 58, 276-289.	1.4	22
14	Antimicrobial Resistance and Biofilm Formation Capacity of <i>Salmonella enterica</i> Serovar Enteritidis Strains Isolated from Poultry and Humans in Poland. <i>Pathogens</i> , 2020, 9, 643.	1.2	21
15	Identification of <i>Yersinia enterocolitica</i> isolates from humans, pigs and wild boars by MALDI TOF MS. <i>BMC Microbiology</i> , 2018, 18, 86.	1.3	20
16	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.	1.4	19
17	Application of Routine Diagnostic Procedure, VITEK 2 Compact, MALDI-TOF MS, and PCR Assays in Identification Procedure of Bacterial Strain with Ambiguous Phenotype. <i>Current Microbiology</i> , 2016, 72, 570-582.	1.0	19
18	Proteomic analysis of serum of workers occupationally exposed to arsenic, cadmium, and lead for biomarker research: A preliminary study. <i>Science of the Total Environment</i> , 2010, 408, 5317-5324.	3.9	17

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19	Delamination of montmorillonite in serum – A new approach to obtaining clay-based biofunctional hybrid materials. <i>Applied Clay Science</i> , 2009, 44, 225-229.	2.6	15
20	Outer Membrane Proteins of Salmonella as Potential Markers of Resistance to Serum, Antibiotics and Biocides. <i>Current Medicinal Chemistry</i> , 2019, 26, 1960-1978.	1.2	15
21	The presence of anti-LPS antibodies and human serum activity against <i>Proteus mirabilis</i> S/R forms in correlation with TLR4 (Thr399Ile) gene polymorphism in rheumatoid arthritis. <i>Clinical Biochemistry</i> , 2012, 45, 1374-1382.	0.8	14
22	Salmonella O48 Serum Resistance is Connected with the Elongation of the Lipopolysaccharide O-Antigen Containing Sialic Acid. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2022.	1.8	14
23	Consequences Of Long-Term Bacteria™s Exposure To Silver Nanoformulations With Different PhysicoChemical Properties. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 199-213.	3.3	14
24	Proteomic Analysis of Outer Membrane Proteins from Salmonella Enteritidis Strains with Different Sensitivity to Human Serum. <i>PLoS ONE</i> , 2016, 11, e0164069.	1.1	13
25	Silver Nanoforms as a Therapeutic Agent for Killing <i>Escherichia coli</i> and Certain ESKAPE Pathogens. <i>Current Microbiology</i> , 2016, 73, 139-147.	1.0	13
26	Comparison of the phylogenetic analysis of PFGE profiles and the characteristic of virulence genes in clinical and reptile associated Salmonella strains. <i>BMC Veterinary Research</i> , 2019, 15, 312.	0.7	13
27	Exfoliation of montmorillonite in protein solutions. <i>Journal of Colloid and Interface Science</i> , 2012, 374, 135-140.	5.0	12
28	Bactericidal properties of silica particles with silver islands located on the surface. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, 746-748.	1.1	11
29	Reptiles as a Source of Salmonella O48 – Clinically Important Bacteria for Children: The Relationship Between Resistance to Normal Cord Serum and Outer Membrane Protein Patterns. <i>Microbial Ecology</i> , 2011, 61, 41-51.	1.4	11
30	Application of zwitterionic detergent to the solubilization of <i>Klebsiella pneumoniae</i> outer membrane proteins for two-dimensional gel electrophoresis. <i>Journal of Microbiological Methods</i> , 2014, 107, 74-79.	0.7	9
31	Selection and electrophoretic characterization of <i>Salmonella enterica</i> subsp. <i>enterica</i> biocide variants resistant to antibiotics. <i>Polish Journal of Veterinary Sciences</i> , 2015, 18, 725-732.	0.2	9
32	Human complement activation by smooth and rough <i>Proteus mirabilis</i> lipopolysaccharides. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2009, 57, 383-391.	1.0	8
33	Relationship of Triamine-Biocide Tolerance of <i>Salmonella enterica</i> Serovar Senftenberg to Antimicrobial Susceptibility, Serum Resistance and Outer Membrane Proteins. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1459.	1.8	8
34	Genetic Diversity and Distribution of Virulence-Associated Genes in <i>Y. enterocolitica</i> and <i>Y. enterocolitica</i> -Like Isolates from Humans and Animals in Poland. <i>Pathogens</i> , 2021, 10, 65.	1.2	8
35	Salmonella biofilm development: Structure and significance. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2019, 73, 937-943.	0.1	8
36	Presumable role of outer membrane proteins of <i>Salmonella</i> containing sialylated lipopolysaccharides serovar Ngozi, sv. Isaszeg and subspecies arizonae in determining susceptibility to human serum. <i>Gut Pathogens</i> , 2015, 7, 18.	1.6	7

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37	Cloacal Gram-Negative Microbiota in Free-Living Grass Snake <i>Natrix natrix</i> from Poland. <i>Current Microbiology</i> , 2020, 77, 2166-2171.	1.0	7
38	Proteomics-based identification of orchid-associated bacteria colonizing the <i>Epipactis albensis</i> , <i>E. helleborine</i> and <i>E. purpurata</i> (Orchidaceae, Neottieae). <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4029-4038.	1.8	7
39	Light-Activated Zirconium(IV) Phthalocyanine Derivatives Linked to Graphite Oxide Flakes and Discussion on Their Antibacterial Activity. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4447.	1.3	6
40	Antibacterial activity and action mode of Cu(I) and Cu(II) complexes with phosphines derived from fluoroquinolone against clinical and multidrug-resistant bacterial strains. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111124.	1.5	6
41	Protocol of proceedings with <i>Fusobacterium nucleatum</i> and optimization of ABTS method for detection of reactive oxygen species. <i>Future Microbiology</i> , 2020, 15, 259-271.	1.0	6
42	Benefits of Usage of Immobilized Silver Nanoparticles as <i>Pseudomonas aeruginosa</i> Antibiofilm Factors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 284.	1.8	6
43	The participation of outer membrane proteins in the bacterial sensitivity to nanosilver. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2016, 70, 610-617.	0.1	4
44	The mechanisms of activation of normal human serum complement by <i>Escherichia coli</i> strains with K1 surface antigen. <i>Folia Microbiologica</i> , 2006, 51, 627-632.	1.1	3
45	Revealing the inhibitory potential of <i>Yersinia enterocolitica</i> on cysteine proteases of the papain family. <i>Microbiological Research</i> , 2018, 207, 211-225.	2.5	3
46	The Phylogenetic Structure of Reptile, Avian and Uropathogenic <i>Escherichia coli</i> with Particular Reference to Extraintestinal Pathotypes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1192.	1.8	3
47	Bactericidal activity of normal bovine serum (NBS) directed against some Enterobacteriaceae with sialic acid-containing lipopolysaccharides (LPS) as a component of cell wall. <i>Polish Journal of Microbiology</i> , 2006, 55, 169-74.	0.6	3
48	Survival of <i>Proteus mirabilis</i> O3 (S1959), O9 and O18 strains in normal human serum (NHS) correlates with the diversity of their outer membrane proteins (OMPs). <i>Polish Journal of Microbiology</i> , 2006, 55, 153-6.	0.6	3
49	Use of zwitterionic type of detergent in isolation of <i>Escherichia coli</i> O56 outer membrane proteins improves their two-dimensional electrophoresis (2-DE). <i>Polish Journal of Microbiology</i> , 2009, 58, 205-9.	0.6	3
50	The mechanisms of complement activation in normal bovine serum and normal horse serum against <i>Yersinia enterocolitica</i> O:9 strains with different outer membrane proteins content. <i>Polish Journal of Veterinary Sciences</i> , 2016, 19, 99-107.	0.2	2
51	The Impact of Graphite Oxide Nanocomposites on the Antibacterial Activity of Serum. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7386.	1.8	2
52	The Synthesis and Biological Properties of a 1-(2-Methylpyridin-4-yl) Olivacine Derivative. <i>Scientia Pharmaceutica</i> , 2005, 73, 101-112.	0.7	1
53	The lysozyme and complement dependent bacteriolytic activity of normal human serum. <i>Molecular Immunology</i> , 2007, 44, 3976-3977.	1.0	1
54	Analysis of the SDS-PAGE patterns of outer membrane proteins from <i>Escherichia coli</i> strains that have lost the ability to form K1 antigen and varied in the susceptibility to normal human serum. <i>Folia Microbiologica</i> , 2014, 59, 37-43.	1.1	1

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55	How Bacteria Change after Exposure to Silver Nanoformulations: Analysis of the Genome and Outer Membrane Proteome. <i>Pathogens</i> , 2021, 10, 817.	1.2	1
56	Epidemiology of <i>Yersinia enterocolitica</i> with special consideration of animal reservoir. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2018, 72, 594-605.	0.1	1
57	Game animals as a reservoir of rarely recorded opportunistic bacteria. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2019, 73, 887-897.	0.1	1
58	Searching for Outer Membrane Proteins Typical of Serum-Sensitive and Serum-Resistant Phenotypes of <i>Salmonella</i> . , 2012, , .		0