Agnieszka Torzewska

List of Publications by Year
in descending order

52	983	516561 16	501076 28
papers	citations	h-index	g-index

54	54	54	806
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Binding of CXCL8/IL-8 toMycobacterium tuberculosisModulates the Innate Immune Response. Mediators of Inflammation, 2015, 2015, 1-11.	1.4	96
2	Bacterially Induced Struvite Growth from Synthetic Urine: Experimental and Theoretical Characterization of Crystal Morphology. Crystal Growth and Design, 2009, 9, 3538-3543.	1.4	84
3	Unique surface and internal structure of struvite crystals formed by Proteus mirabilis. Urological Research, 2012, 40, 699-707.	1.5	79
4	Crystallization of urine mineral components may depend on the chemical nature of Proteus endotoxin polysaccharides. Journal of Medical Microbiology, 2003, 52, 471-477.	0.7	66
5	Inhibition of crystallization caused by Proteus mirabilis during the development of infectious urolithiasis by various phenolic substances. Microbiological Research, 2014, 169, 579-584.	2.5	36
6	Proteus sp. â€“ an opportunistic bacterial pathogen â€“ classification, swarming growth, clinical significance and virulence factors. Acta Universitatis Lodziensis Folia Biologica Et Oecologica, 0, 8, 1-17.	1.0	35
7	Effect of Curcumin AgainstProteus mirabilisDuring Crystallization of Struvite from Artificial Urine. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-7.	0.5	34
8	Structural and serological studies on a new acidic O-specific polysaccharide of Proteus vulgaris O32. FEBS Journal, 1998, 256, 488-493.	0.2	29
9	Aggregation of Struvite, Carbonate Apatite, and Proteus mirabilis as a Key Factor of Infectious Urinary Stone Formation. Crystal Growth and Design, 2015, 15, 1446-1451.	1.4	26
10	Structure of the O-polysaccharide of Providencia stuartii O49. Carbohydrate Research, 2004, 339, 1557-1560.	1.1	24
11	Genetic diversity of the O antigens of Proteus species and the development of a suspension array for molecular serotyping. PLoS ONE, 2017, 12, e0183267.	1.1	24
12	Structure of the O-polysaccharide of Providencia stuartii O4 containing 4-(N-acetyl-l-aspart-4-yl)amino-4,6-dideoxy-d-glucose. Carbohydrate Research, 2004, 339, 195-200.	1.1	20
13	InÂvitro studies of epithelium-associated crystallization caused by uropathogens during urinary calculi development. Microbial Pathogenesis, 2014, 71-72, 25-31.	1.3	20
14	Solid Phases Precipitating in Artificial Urine in the Absence and Presence of Bacteria Proteus mirabilisâ€”A Contribution to the Understanding of Infectious Urinary Stone Formation. Crystals, 2018, 8, 164.	1.0	19
15	Morphology of struvite crystals as an evidence of bacteria mediated growth. Crystal Research and Technology, 2014, 49, 478-489.	0.6	18
16	Structure of the O-specific polysaccharide of Providencia rustigianii O14 containing NÎµ-[(S)-1-carboxyethyl]-NÎ±-(d-galacturonoyl)-l-lysine. Carbohydrate Research, 2003, 338, 1009-1016.	1.1	17
17	Structure and cross-reactivity of the O-antigen of Providencia stuartii O18 containing 3-acetamido-3,6-dideoxy-d-glucose. Carbohydrate Research, 2004, 339, 409-413.	1.1	17
18	Analysis of Proteus mirabilis Distribution in Multi-Species Biofilms on Urinary Catheters and Determination of Bacteria Resistance to Antimicrobial Agents. Polish Journal of Microbiology, 2013, 62, 377-384.	0.6	17

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19	Structure of the O-specific polysaccharide ofProteus vulgarisO37 and close serological relatedness of the lipopolysaccharides ofP. vulgarisO37 andP. vulgarisO46. FEMS Immunology and Medical Microbiology, 2001, 31, 227-234.	2.7	16
20	Structure of the O-polysaccharide and serological cross-reactivity of theProvidencia stuartiiO33 lipopolysaccharide containing 4-(N-acetyl-d-aspart-4-yl)amino-4,6-dideoxy-d-glucose. FEMS Immunology and Medical Microbiology, 2004, 41, 133-139.	2.7	16
21	Molecular and Genetic Analyses of the Putative Proteus O Antigen Gene Locus. Applied and Environmental Microbiology, 2010, 76, 5471-5478.	1.4	16
22	Enterocyte-like Caco-2 cells as a model for in vitro studies of diarrhoeagenic Providencia alcalifaciens invasion. Microbial Pathogenesis, 2010, 49, 285-293.	1.3	16
23	Structure of the O-polysaccharide of Providencia alcalifaciens O21 containing 3-formamido-3,6-dideoxy-d-galactose. Carbohydrate Research, 2003, 338, 1425-1430.	1.1	14
24	Various intensity of Proteus mirabilis-induced crystallization resulting from the changes in the mineral composition of urine. Acta Biochimica Polonica, 2015, 62, 127-132.	0.3	14
25	Structure and serological specificity of a new acidic O-specific Ã¯Â¿Â½polysaccharide ofProteus vulgarisO45. FEBS Journal, 1999, 259, 212-217.	0.2	13
26	Structure of an O-acetylated acidic O-specific polysaccharide of Proteus vulgaris O46. Carbohydrate Research, 2000, 328, 229-234.	1.1	13
27	New structures of the O-specific polysaccharides of Proteus. 2. Polysaccharides containing O-acetyl groups. Biochemistry (Moscow), 2002, 67, 201-211.	0.7	13
28	The O-polysaccharide from the lipopolysaccharide of Providencia stuartii O44 contains l-quinovose, a 6-deoxy sugar rarely occurring in bacterial polysaccharides. Carbohydrate Research, 2005, 340, 1419-1423.	1.1	13
29	Density Functional Theory Determination of Structural and Electronic Properties of Struvite. Journal of Physical Chemistry A, 2010, 114, 7800-7808.	1.1	12
30	Structure of a glycerol teichoic acid-like O-specific polysaccharide of Proteus vulgaris O12. FEBS Journal, 2000, 267, 788-793.	0.2	11
31	The structure of the O-polysaccharide from the lipopolysaccharide of Providencia alcalifaciens O36 containing 3-deoxy-d-manno-oct-2-ulosonic acid. Carbohydrate Research, 2007, 342, 665-670.	1.1	11
32	The structure of the O-polysaccharide from the lipopolysaccharide of Providencia stuartii O57 containing an amide of d-galacturonic acid with l-alanine. Carbohydrate Research, 2005, 340, 775-780.	1.1	10
33	Ab initiopredictions of structural and elastic properties of struvite: contribution to urinary stone research. Computer Methods in Biomechanics and Biomedical Engineering, 2012, 15, 1329-1336.	0.9	10
34	Aggregation of poorly crystalline and amorphous components of infectious urinary stones is mediated by bacterial lipopolysaccharide. Scientific Reports, 2019, 9, 17061.	1.6	10
35	Structure of the O-polysaccharide of Providencia alcalifaciens O19. Carbohydrate Research, 2004, 339, 415-419.	1.1	9
36	The structure of the O-polysaccharide from the lipopolysaccharide of Providencia stuartii O47. Carbohydrate Research, 2004, 339, 2621-2626.	1.1	9

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37	In vitro studies on the role of glycosaminoglycans in crystallization intensity during infectious urinary stones formation. Apmis, 2014, 122, 505-511.	0.9	9
38	Analysis of Proteus mirabilis distribution in multi-species biofilms on urinary catheters and determination of bacteria resistance to antimicrobial agents. Polish Journal of Microbiology, 2013, 62, 377-84.	0.6	9
39	Structure of the O-polysaccharide from the lipopolysaccharide of Providencia stuartii O43 containing an amide of d-galacturonic acid with l-serine. Carbohydrate Research, 2005, 340, 1407-1411.	1.1	8
40	Influence of various uropathogens on crystallization of urine mineral components caused by Proteus mirabilis. Research in Microbiology, 2019, 170, 80-85.	1.0	8
41	Structure of the O-polysaccharide from the lipopolysaccharide of Providencia alcalifaciens O29. Carbohydrate Research, 2006, 341, 1181-1185.	1.1	7
42	The structure of the O-polysaccharide from the lipopolysaccharide of Providencia alcalifaciens O30. Carbohydrate Research, 2006, 341, 786-790.	1.1	7
43	Structure of the O-polysaccharide and serological cross-reactivity of the lipopolysaccharide of Providencia alcalifaciens O32 containing N-acetylisomuramic acid. Carbohydrate Research, 2007, 342, 268-273.	1.1	7
44	Comparative in vitro studies on disodium EDTA effect with and without Proteus mirabilis on the crystallization of carbonate apatite and struvite. Journal of Crystal Growth, 2014, 395, 123-131.	0.7	7
45	Effect of Size and Shape of Nanosilver Particles on Struvite and Carbonate Apatite Precipitation. Crystal Growth and Design, 2015, 15, 3307-3320.	1.4	7
46	Structure of the O-specific polysaccharide of Proteus vulgaris O15 containing a novel regioisomer of N-acetylmuramic acid, 2-acetamido-4-O-[(R)-1-carboxyethyl]-2-deoxy-d-glucose. Carbohydrate Research, 2002, 337, 2463-2468.	1.1	6
47	Development of a molecular serotyping scheme and a multiplexed luminex-based array for Providencia. Journal of Microbiological Methods, 2018, 153, 14-23.	0.7	5
48	Impact of bacteria on aggregation of crystalline and amorphous components of infectious urinary stones. Journal of Crystal Growth, 2019, 506, 71-78.	0.7	4
49	Potentially Probiotic Lactobacillus Strains Derived from Food Intensify Crystallization Caused by Proteus mirabilis in Urine. Probiotics and Antimicrobial Proteins, 2021, 13, 441-452.	1.9	4
50	Serological characterization of the O-specific polysaccharide of Providencia alcalifaciens O23. Archivum Immunologiae Et Therapiae Experimentalis, 2004, 52, 43-9.	1.0	4
51	Structures and serology of the O-antigens of Proteus strains classified into serogroup O17 and former serogroup O35. Archivum Immunologiae Et Therapiae Experimentalis, 2006, 54, 277-282.	1.0	3
52	Epitope Specificity of Polyclonal Rabbit Antisera Against Proteus Vulgaris O-Antigens. , 2000, 485, 243-247.		0