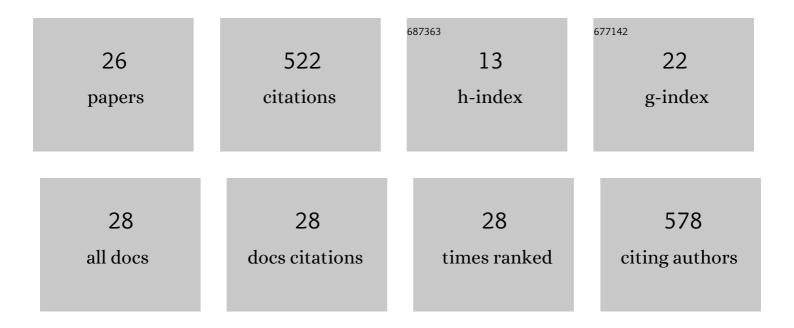
SÅ,awomir WÄsik

List of Publications by Year in descending order

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SÅ AMOMID MA SIK

#	Article	IF	CITATIONS
1	The O-specific polysaccharide lyase from the phage LKA1 tailspike reduces Pseudomonas virulence. Scientific Reports, 2017, 7, 16302.	3.3	88
2	A proposed integrated approach for the preclinical evaluation of phage therapy in Pseudomonas infections. Scientific Reports, 2016, 6, 28115.	3.3	86
3	Characterization of the Newly Isolated Lytic Bacteriophages KTN6 and KT28 and Their Efficacy against Pseudomonas aeruginosa Biofilm. PLoS ONE, 2015, 10, e0127603.	2.5	69
4	Laser interferometric and cultivation methods for measurement of colistin/ampicilin and saponin interactions with smooth and rough of Proteus mirabilis lipopolysaccharides and cells. Journal of Microbiological Methods, 2009, 77, 178-183.	1.6	35
5	Laser interferometric determination of ampicillin and colistin transfer through cellulose biomembrane in the presence of Proteus vulgaris O25 lipopolysaccharide. Journal of Membrane Science, 2007, 299, 268-275.	8.2	30
6	Pseudomonas aeruginosa PA5oct Jumbo Phage Impacts Planktonic and Biofilm Population and Reduces Its Host Virulence. Viruses, 2019, 11, 1089.	3.3	29
7	The use of lysozyme modified with fluorescein for the detection of Gram-positive bacteria. Microbiological Research, 2015, 170, 242-247.	5.3	20
8	Permeability coefficient model equations of the complex: Membrane-concentration boundary layers for ternary nonelectrolyte solutions. Journal of Membrane Science, 2005, 267, 50-57.	8.2	18
9	Laser interferometry analysis of ciprofloxacin and ampicillin diffusion from liposomal solutions to water phase. European Biophysics Journal, 2013, 42, 549-558.	2.2	16
10	The Antibacterial Effect of PEGylated Carbosilane Dendrimers on P. aeruginosa Alone and in Combination with Phage-Derived Endolysin. International Journal of Molecular Sciences, 2022, 23, 1873.	4.1	16
11	Determination of the membrane permeability coefficient under concentration polarisation conditions. Desalination, 2006, 198, 326-334.	8.2	14
12	The presence of anti-LPS antibodies and human serum activity against Proteus mirabilis S/R forms in correlation with TLR4 (Thr399Ile) gene polymorphism in rheumatoid arthritis. Clinical Biochemistry, 2012, 45, 1374-1382.	1.9	14
13	Morphological changes in Proteus mirabilis O18 biofilm under the influence of a urease inhibitor and a homoserine lactone derivative. Archives of Microbiology, 2014, 196, 169-177.	2.2	13
14	New Approach to Antifungal Activity of Fluconazole Incorporated into the Porous 6-Anhydro-α-I-Galacto-β-d-Galactan Structures Modified with Nanohydroxyapatite for Chronic-Wound Treatments—In Vitro Evaluation. International Journal of Molecular Sciences, 2021, 22, 3112.	4.1	13
15	Binding and biological properties of lipopolysaccharide Proteus vulgaris O25 (48/57)–chitosan complexes. Carbohydrate Polymers, 2009, 78, 481-487.	10.2	10
16	How to determine a boundary condition for diffusion at a thin membrane from experimental data. Physical Review E, 2017, 96, 010101.	2.1	8
17	The effects of nickel(II) complexes with imidazole derivatives on pyocyanin and pyoverdine production by Pseudomonas aeruginosa strains isolated from cystic fibrosis. Acta Biochimica Polonica, 2015, 62, 739-745.	0.5	6
18	Laser interferometric analysis ofâ€ ⁻ glucose and sucrose diffusion inâ€ ⁻ agarose gel. General Physiology and Biophysics, 2014, 33, 383-391.	0.9	4

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#	Article	IF	CITATIONS
19	\$\$H^{*}\$\$ H â^— Peusner's Form of the Kedem–Katchalsky Equations for Non-homogenous Non-electrolyte Binary Solutions. Transport in Porous Media, 2016, 111, 457-477.	2.6	4
20	Analysis of ciprofloxacin and gentamicin diffusion in Proteus mirabilis O18 biofilm by laser interferometry method Acta Biochimica Polonica, 2013, 60, .	0.5	4
21	Analysis of ciprofloxacin and gentamicin diffusion in Proteus mirabilis O18 biofilm by laser interferometry method. Acta Biochimica Polonica, 2013, 60, 707-11.	0.5	4
22	Laser interferometric investigation of solute transport through membrane-concentration boundary layer system. Journal of Biological Physics, 2015, 41, 409-420.	1.5	2
23	Experimental and Theoretical Analysis of Metal Complex Diffusion through Cell Monolayer. Entropy, 2021, 23, 360.	2.2	2
24	Application of the Laser Interferometry in Studies of Biophysical Model Systems. Current Topics in Biophysics, 2013, 36, 1-5.	0.3	0
25	Testing Sorption Properties of Halloysite by Means of the Laser Interferometry Method. Current Topics in Biophysics, 2015, 37, 43-47.	0.3	0
26	Laser Interferometry Method as a Novel Tool in Endotoxins Research. Methods in Molecular Biology, 2017, 1600, 125-132.	0.9	0