

# SÅ,awomir Wäsik

## List of Publications by Year in descending order

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26  
papers

522  
citations

687363

13  
h-index

677142

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

578  
citing authors

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

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