

Grzegorz Gula

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

285
citations

9
h-index

16
g-index

19
ext. papers

374
ext. citations

6.3
avg, IF

2.71
L-index

#	Paper	IF	Citations
18	The O-specific polysaccharide lyase from the phage LKA1 tailspike reduces <i>Pseudomonas</i> virulence. <i>Scientific Reports</i> , 2017 , 7, 16302	4.9	53
17	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	3.7	53
16	The interaction between <i>Pseudomonas aeruginosa</i> cells and cationic PC:Chol:DOTAP liposomal vesicles versus outer-membrane structure and envelope properties of bacterial cell. <i>International Journal of Pharmaceutics</i> , 2009 , 367, 211-9	6.5	47
15	Evaluation of <i>Pseudomonas aeruginosa</i> biofilm formation using piezoelectric tuning fork mass sensors. <i>Sensors and Actuators B: Chemical</i> , 2012 , 170, 7-12	8.5	33
14	PA5oct Jumbo Phage Impacts Planktonic and Biofilm Population and Reduces Its Host Virulence. <i>Viruses</i> , 2019 , 11,	6.2	17
13	Complex Signaling Networks Controlling Dynamic Molecular Changes in <i>Pseudomonas aeruginosa</i> Biofilm. <i>Current Medicinal Chemistry</i> , 2019 , 26, 1979-1993	4.3	14
12	Interspecies Outer Membrane Vesicles (OMVs) Modulate the Sensitivity of Pathogenic Bacteria and Pathogenic Yeasts to Cationic Peptides and Serum Complement. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	13
11	Evaluation of <i>Pseudomonas aeruginosa</i> biofilm formation using Quartz Tuning Forks as impedance sensors. <i>Sensors and Actuators B: Chemical</i> , 2013 , 189, 60-65	8.5	13
10	Piezoelectric tuning fork based mass measurement method as a novel tool for determination of antibiotic activity on bacterial biofilm. <i>Sensors and Actuators B: Chemical</i> , 2012 , 175, 34-39	8.5	9
9	Evaluation of <i>Pseudomonas aeruginosa</i> biofilm formation using piezoelectric tuning forks mass sensors. <i>Procedia Engineering</i> , 2010 , 5, 820-823		9
8	The Application of Impedance Spectroscopy for Biofilm Monitoring during Phage Infection. <i>Viruses</i> , 2020 , 12,	6.2	5
7	Emerging Phage Resistance in PAO1 Is Accompanied by an Enhanced Heterogeneity and Reduced Virulence. <i>Viruses</i> , 2021 , 13,	6.2	4
6	Quartz tuning fork as in situ sensor of bacterial biofilm. <i>Sensors and Actuators B: Chemical</i> , 2015 , 210, 825-829	8.5	3
5	Piezoelectric Tuning Fork Mass Sensors as a Novel Tool for Determination of Antibiotic Activity on <i>Pseudomonas Aeruginosa</i> Biofilm. <i>Procedia Engineering</i> , 2011 , 25, 980-983		2
4	<i>Pseudomonas aeruginosa</i> PA5oct jumbo phage impacts planktonic and biofilm population and reduces its host virulence		2
3	Quartz Tuning Fork as in-situ Sensor of Bacterial Biofilm. <i>Procedia Engineering</i> , 2014 , 87, 369-372		1
2	Evaluation of <i>Pseudomonas aeruginosa</i> Biofilm Formation using Quartz Tuning Forks as Impedance Sensors. <i>Procedia Engineering</i> , 2012 , 47, 631-634		1

- 1 Autonomous system for in Situ Assay of Antibiotic Activity on Bacterial Biofilms Using Viscosity and Density Sensing Quartz Tuning Forks. *Procedia Engineering*, **2016**, 168, 745-748

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