

Krzysztof Jakub Pawlik

List of Publications by Year in descending order

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40
papers

779
citations

516710

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526287

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43
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43
docs citations

43
times ranked

1233
citing authors

#	ARTICLE	IF	CITATIONS
1	Timber-colonizing gram-negative bacteria as potential causative agents of respiratory diseases in woodworkers. <i>International Archives of Occupational and Environmental Health</i> , 2022, 95, 1179-1193.	2.3	4
2	Design and Development of a New Type of Hybrid PLGA/Lipid Nanoparticle as an Ursolic Acid Delivery System against Pancreatic Ductal Adenocarcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5536.	4.1	3
3	Coelimirin Synthesis Activatory Proteins Are Key Regulators of Specialized Metabolism and Precursor Flux in <i>Streptomyces coelicolor</i> A3(2). <i>Frontiers in Microbiology</i> , 2021, 12, 616050.	3.5	8
4	GntR-like SCO3932 Protein Provides a Link between Actinomycete Integrative and Conjugative Elements and Secondary Metabolism. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11867.	4.1	4
5	Porphyrin-Loaded Lignin Nanoparticles Against Bacteria: A Photodynamic Antimicrobial Chemotherapy Application. <i>Frontiers in Microbiology</i> , 2020, 11, 606185.	3.5	32
6	OLEDs: Wearable light sources for medicine. , 2020, , .		1
7	A GntR-Like Transcription Factor HypR Regulates Expression of Genes Associated With L-Hydroxyproline Utilization in <i>Streptomyces coelicolor</i> A3(2). <i>Frontiers in Microbiology</i> , 2019, 10, 1451.	3.5	7
8	Multi-level regulation of coelimirin synthesis in <i>Streptomyces coelicolor</i> A3(2). <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6423-6434.	3.6	47
9	Flexible organic light-emitting diodes for antimicrobial photodynamic therapy. <i>Npj Flexible Electronics</i> , 2019, 3, .	10.7	54
10	Effect of amyloid curli fibrils and curli CsgA monomers from <i>Escherichia coli</i> on in vitro model of intestinal epithelial barrier stimulated with cytokines. <i>International Journal of Medical Microbiology</i> , 2019, 309, 274-282.	3.6	2
11	Acute hypersensitivity pneumonitis in woodworkers caused by inhalation of birch dust contaminated with <i>Pantoea agglomerans</i> and <i>Microbacterium barkeri</i> . <i>Annals of Agricultural and Environmental Medicine</i> , 2019, 26, 644-655.	1.0	11
12	Reversible Photocontrol of DNA Melting by Visible-Light-Responsive F4-Coordinated Azobenzene Compounds. <i>Chemistry - A European Journal</i> , 2018, 24, 18963-18970.	3.3	13
13	Remote-control of the enantiomeric supramolecular recognition mediated by chiral azobenzenes bound to human serum albumin. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21272-21275.	2.8	10
14	Tail tubular protein A: a dual-function tail protein of <i>Klebsiella pneumoniae</i> bacteriophage KP32. <i>Scientific Reports</i> , 2017, 7, 2223.	3.3	29
15	Specific Recognition of G-Quadruplexes Over Duplex-DNA by a Macromolecular NIR Two-Photon Fluorescent Probe. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5915-5920.	4.6	21
16	Hydrolytic activity determination of Tail Tubular Protein A of <i>Klebsiella pneumoniae</i> bacteriophages towards saccharide substrates. <i>Scientific Reports</i> , 2017, 7, 18048.	3.3	11
17	Evaluation of NMP22 in bladder cancer patients sensitive to environmental toxins. <i>Advances in Clinical and Experimental Medicine</i> , 2017, 26, 0-0.	1.4	4
18	DNA Base Pair Resolution Measurements Using Resonance Energy Transfer Efficiency in Lanthanide Doped Nanoparticles. <i>PLoS ONE</i> , 2015, 10, e0117277.	2.5	3

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19	Recognition of bacterial lipopolysaccharide using bacteriophage-adhesin-coated long-period gratings. <i>Biosensors and Bioelectronics</i> , 2015, 67, 93-99.	10.1	73
20	Creation of an In-House Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry Corynebacterineae Database Overcomes Difficulties in Identification of <i>Nocardia farcinica</i> Clinical Isolates. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2611-2621.	3.9	18
21	Bio-mediated synthesis, characterization and cytotoxicity of gold nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 29014-29019.	2.8	47
22	Roles of type II thioesterases and their application for secondary metabolite yield improvement. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7735-7746.	3.6	76
23	An airborne actinobacteria <i>Nocardiosis alba</i> isolated from bioaerosol of a mushroom compost facility. <i>Aerobiologia</i> , 2014, 30, 413-422.	1.7	25
24	Type II thioesterase ScoT is required for coelimycin production by the modular polyketide synthase Cpk of <i>Streptomyces coelicolor</i> A3(2). <i>Acta Biochimica Polonica</i> , 2014, 61, .	0.5	9
25	Preliminary study on application of urine amino acids profiling for monitoring of renal tubular injury using GLC-MS. <i>Postepy Higieny i Medycyny Doswiadczalnej</i> , 2014, 68, 1299-1311.	0.1	5
26	Type II thioesterase ScoT is required for coelimycin production by the modular polyketide synthase Cpk of <i>Streptomyces coelicolor</i> A3(2). <i>Acta Biochimica Polonica</i> , 2014, 61, 141-7.	0.5	4
27	Shape and size separation of gold nanoparticles using glucose gradient density. <i>Proceedings of SPIE</i> , 2012, , .	0.8	4
28	Udoskonalona metoda real-time PCR do identyfikacji i oceny ilościowej zakażeń, wywołanych przez 54 serotypy ludzkich adenowirusów w próbkach klinicznych. <i>Medical Science Monitor</i> , 2012, 18, BR221-BR228.	1.1	16
29	Molecular typing of <i>Trichophyton rubrum</i> clinical isolates from Poland. <i>Mycoses</i> , 2011, 54, e726-e736.	4.0	14
30	Synthesis and optical properties of water-soluble fluoride nanophosphors co-doped with Eu ³⁺ and Tb ³⁺ . <i>Optical Materials</i> , 2011, 33, 1419-1423.	3.6	13
31	Spontaneous formation of liquid crystalline phases and phase transitions in highly concentrated plasmid DNA. <i>Liquid Crystals</i> , 2011, 38, 461-468.	2.2	5
32	A Two-Step Strategy for Molecular Typing of Multidrug-Resistant <i>Mycobacterium tuberculosis</i> Clinical Isolates from Poland. <i>Polish Journal of Microbiology</i> , 2011, 60, 233-241.	1.7	4
33	<i>Streptomyces coelicolor</i> A3(2) Produces a New Yellow Pigment Associated with the Polyketide Synthase Cpk. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2010, 19, 147-151.	1.0	28
34	Type II Thioesterase ScoT, Associated with <i>Streptomyces coelicolor</i> A3(2) Modular Polyketide Synthase Cpk, Hydrolyzes Acyl Residues and Has a Preference for Propionate. <i>Applied and Environmental Microbiology</i> , 2009, 75, 887-896.	3.1	24
35	A cryptic type I polyketide synthase (cpk) gene cluster in <i>Streptomyces coelicolor</i> A3(2). <i>Archives of Microbiology</i> , 2007, 187, 87-99.	2.2	85
36	<i>Streptomyces coelicolor</i> DNA homologous with acyltransferase domains of type I polyketide synthase gene complex. <i>FEMS Microbiology Letters</i> , 2006, 157, 195-200.	1.8	9

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37	Protein fraction of barley spent grain as a new simple medium for growth and sporulation of soil actinobacteria. <i>Biotechnology Letters</i> , 2003, 25, 1717-1721.	2.2	24
38	Type II thioesterase from <i>Streptomyces coelicolor</i> A3(2) The GenBank accession number for the sequence reported in this paper is AF109727.. <i>Microbiology (United Kingdom)</i> , 2002, 148, 1777-1783.	1.8	28
39	<i>Streptomyces coelicolor</i> DNA homologous with acyltransferase domains of type I polyketide synthase gene complex. <i>FEMS Microbiology Letters</i> , 1997, 157, 195-200.	1.8	1
40	Environmentally friendly synthesis of gold nanoparticles. <i>SPIE Newsroom</i> , 0, , .	0.1	0