

Krzysztof Jakub Pawlik

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

779
citations

516710

16
h-index

526287

27
g-index

43
all docs

43
docs citations

43
times ranked

1233
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Recognition of bacterial lipopolysaccharide using bacteriophage-adhesin-coated long-period gratings. <i>Biosensors and Bioelectronics</i> , 2015, 67, 93-99.	10.1	73
4	Flexible organic light-emitting diodes for antimicrobial photodynamic therapy. <i>Npj Flexible Electronics</i> , 2019, 3, .	10.7	54
5	Bio-mediated synthesis, characterization and cytotoxicity of gold nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 29014-29019.	2.8	47
6	Multi-level regulation of coelimycin synthesis in <i>Streptomyces coelicolor</i> A3(2). <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6423-6434.	3.6	47
7	Porphyrim-Loaded Lignin Nanoparticles Against Bacteria: A Photodynamic Antimicrobial Chemotherapy Application. <i>Frontiers in Microbiology</i> , 2020, 11, 606185.	3.5	32
8	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
9	<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
10	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
11	An airborne actinobacteria <i>Nocardiopsis alba</i> isolated from bioaerosol of a mushroom compost facility. <i>Aerobiologia</i> , 2014, 30, 413-422.	1.7	25
12	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
13	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
14	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
15	Creation of an In-House Matrix-Assisted Laser Desorption IonizationâTime of Flight Mass Spectrometry <i>Corynebacterineae</i> 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
16	Udoskonalona metoda real-time PCR do identyfikacji i oceny iloâciowej zakaâw, wywoâ,anych przez 54 serotypy ludzkich adenowirusâw w prâbkach klinicznych. <i>Medical Science Monitor</i> , 2012, 18, BR221-BR228.	1.1	16
17	Molecular typing of <i>Trichophyton rubrum</i> clinical isolates from Poland. <i>Mycoses</i> , 2011, 54, e726-e736.	4.0	14
18	Synthesis and optical properties of water-soluble fluoride nanophosphors co-doped with Eu3+ and Tb3+. <i>Optical Materials</i> , 2011, 33, 1419-1423.	3.6	13

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19	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
20	Hydrolytic activity determination of Tail Tubular Protein A of Klebsiella pneumoniae bacteriophages towards saccharide substrates. <i>Scientific Reports</i> , 2017, 7, 18048.	3.3	11
21	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
22	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
23	<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
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	Coelimycin 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
26	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
27	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
28	Preliminary study on application of urine amino acids profiling for monitoring of renal tubular injury using GLC-MS. <i>Postępy Higieny i Medycyny Doswiadczalnej</i> , 2014, 68, 1299-1311.	0.1	5
29	Shape and size separation of gold nanoparticles using glucose gradient density. <i>Proceedings of SPIE</i> , 2012, , .	0.8	4
30	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
31	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
32	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
33	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
34	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
35	DNA Base Pair Resolution Measurements Using Resonance Energy Transfer Efficiency in Lanthanide Doped Nanoparticles. <i>PLoS ONE</i> , 2015, 10, e0117277.	2.5	3
36	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

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37	Effect of amyloid curli fibrils and curli CsgA monomers from Escherichia coli on in vitro model of intestinal epithelial barrier stimulated with cytokines. International Journal of Medical Microbiology, 2019, 309, 274-282.	3.6	2
38	Streptomyces coelicolor DNA homologous with acyltransferase domains of type I polyketide synthase gene complex. FEMS Microbiology Letters, 1997, 157, 195-200.	1.8	1
39	OLEDs: Wearable light sources for medicine. , 2020, , .		1
40	Environmentally friendly synthesis of gold nanoparticles. SPIE Newsroom, 0, , .	0.1	0