

Piotr DeptuÅ,a

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

601
citations

759233

12
h-index

610901

24
g-index

29
all docs

29
docs citations

29
times ranked

872
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent insights in nanotechnology-based drugs and formulations designed for effective anti-cancer therapy. <i>Journal of Nanobiotechnology</i> , 2016, 14, 39.	9.1	123
2	Loss of Vimentin Enhances Cell Motility through Small Confining Spaces. <i>Small</i> , 2019, 15, e1903180.	10.0	59
3	Candidacidal Activity of Selected Ceragenins and Human Cathelicidin LL-37 in Experimental Settings Mimicking Infection Sites. <i>PLoS ONE</i> , 2016, 11, e0157242.	2.5	59
4	Use of magnetic nanoparticles as a drug delivery system to improve chlorhexidine antimicrobial activity. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7833-7846.	6.7	48
5	Tissue Rheology as a Possible Complementary Procedure to Advance Histological Diagnosis of Colon Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5620-5631.	5.2	43
6	Polymeric nanoparticles – a novel solution for delivery of antimicrobial agents. <i>Studia Medyczne</i> , 2016, 1, 56-62.	0.1	26
7	Bactericidal Properties of Rod-, Peanut-, and Star-Shaped Gold Nanoparticles Coated with Ceragenin CSA-131 against Multidrug-Resistant Bacterial Strains. <i>Pharmaceutics</i> , 2021, 13, 425.	4.5	25
8	The Influence of Mucin-Based Artificial Saliva on Properties of Polycaprolactone and Polylactide. <i>Polymers</i> , 2019, 11, 1880.	4.5	22
9	Unique Role of Vimentin Networks in Compression Stiffening of Cells and Protection of Nuclei from Compressive Stress. <i>Nano Letters</i> , 2022, 22, 4725-4732.	9.1	21
10	Biocompatible Materials in Otorhinolaryngology and Their Antibacterial Properties. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2575.	4.1	20
11	Susceptibility of microbial cells to the modified PIP2-binding sequence of gelsolin anchored on the surface of magnetic nanoparticles. <i>Journal of Nanobiotechnology</i> , 2019, 17, 81.	9.1	19
12	Cathelicidin LL-37 in Health and Diseases of the Oral Cavity. <i>Biomedicines</i> , 2022, 10, 1086.	3.2	17
13	<p>Nanomechanics and Histopathology as Diagnostic Tools to Characterize Freshly Removed Human Brain Tumors</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 7509-7521.	6.7	14
14	Rod-shaped gold nanoparticles exert potent candidacidal activity and decrease the adhesion of fungal cells. <i>Nanomedicine</i> , 2020, 15, 2733-2752.	3.3	13
15	Assessment of aliphatic poly(ester-carbonate-urea-urethane)s potential as materials for biomedical application. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	12
16	Bacteria Residing at Root Canals Can Induce Cell Proliferation and Alter the Mechanical Properties of Gingival and Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7914.	4.1	12
17	Stiffening of bacteria cells as a first manifestation of bactericidal attack. <i>Micron</i> , 2017, 101, 95-102.	2.2	11
18	Recombinant Human Plasma Gelsolin Stimulates Phagocytosis while Diminishing Excessive Inflammatory Responses in Mice with <i>Pseudomonas aeruginosa</i> Sepsis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2551.	4.1	10

#	ARTICLE	IF	CITATIONS
19	Biofilm Growth Causes Damage to Silicone Voice Prostheses in Patients after Surgical Treatment of Locally Advanced Laryngeal Cancer. <i>Pathogens</i> , 2020, 9, 793.	2.8	7
20	Nanomechanical Hallmarks of <i>Helicobacter pylori</i> Infection in Pediatric Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5624.	4.1	7
21	Inhomogeneity of stiffness and density of the extracellular matrix within the leukoplakia of human oral mucosa as potential physicochemical factors leading to carcinogenesis. <i>Translational Oncology</i> , 2021, 14, 101105.	3.7	7
22	Ceragenin CSA-44 as a Means to Control the Formation of the Biofilm on the Surface of Tooth and Composite Fillings. <i>Pathogens</i> , 2022, 11, 491.	2.8	6
23	Assessment of Ceragenins in Prevention of Damage to Voice Prostheses Caused by <i>Candida</i> Biofilm Formation. <i>Pathogens</i> , 2021, 10, 1371.	2.8	5
24	Ceragenin-Coated Non-Spherical Gold Nanoparticles as Novel Candidacidal Agents. <i>Pharmaceutics</i> , 2021, 13, 1940.	4.5	5
25	Human Vimentin Layers on Solid Substrates: Adsorption Kinetics and Corona Formation Investigations. <i>Biomacromolecules</i> , 2022, 23, 3308-3317.	5.4	4
26	Lysozyme increases bactericidal activity of ceragenin CSA-13 against <i>Bacillus subtilis</i> . <i>Studia Medyczne</i> , 2019, 35, 1-9.	0.1	3
27	Physics Comes to the Aid of Medicine – Clinically-Relevant Microorganisms through the Eyes of Atomic Force Microscope. <i>Pathogens</i> , 2020, 9, 969.	2.8	2
28	Potential colonization of provox voice prosthesis by <i>Candida</i> spp. with no sign of failure for approximately 10 years exploitation time. <i>Acta Oto-Laryngologica Case Reports</i> , 2021, 6, 60-66.	0.2	1
29	Surface Activity and Fluid Sorption of Titanium Alloys Soaked in SBF Solution. <i>Solid State Phenomena</i> , 0, 165, 147-152.	0.3	0