

Hana Miháľková

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

362
citations

933264

10
h-index

839398

18
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26
all docs

26
docs citations

26
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	Passive Diffusion vs Active pH-Dependent Encapsulation of Tyrosine Kinase Inhibitors Vandetanib and Lenvatinib into Folate-Targeted Ferritin Delivery System. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1-14.	3.3	4
2	Active Light-Powered Antibiofilm ZnO Micromotors with Chemically Programmable Properties. <i>Advanced Functional Materials</i> , 2021, 31, 2101178.	7.8	52
3	Efficient Protein Transfection by Swarms of Chemically Powered Plasmonic Virus-Sized Nanorobots. <i>ACS Nano</i> , 2021, 15, 12899-12910.	7.3	16
4	The Anti-Proliferative Activity of Coordination Compound-Based ZnO Nanoparticles as a Promising Agent Against Triple Negative Breast Cancer Cells. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4431-4449.	3.3	17
5	Swarming Aqua Sperm Micromotors for Active Bacterial Biofilms Removal in Confined Spaces. <i>Advanced Science</i> , 2021, 8, e2101301.	5.6	30
6	Extending the Applicability of In Ovo and Ex Ovo Chicken Chorioallantoic Membrane Assays to Study Cytostatic Activity in Neuroblastoma Cells. <i>Frontiers in Oncology</i> , 2021, 11, 707366.	1.3	14
7	Norepinephrine transporter-derived homing peptides enable rapid endocytosis of drug delivery nanovehicles into neuroblastoma cells. <i>Journal of Nanobiotechnology</i> , 2020, 18, 95.	4.2	8
8	Characterization and in vitro Analysis of Probiotic-Derived Peptides Against Multi Drug Resistance Bacterial Infections. <i>Frontiers in Microbiology</i> , 2020, 11, 1963.	1.5	4
9	Soil protein as a potential antimicrobial agent against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Environmental Research</i> , 2020, 188, 109320.	3.7	4
10	One-pot synthesis of natural amine-modified biocompatible carbon quantum dots with antibacterial activity. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 30-48.	5.0	45
11	Complex cytotoxicity mechanism of bundles formed from self-organised 1-D anodic TiO ₂ nanotubes layers. <i>Journal of Hazardous Materials</i> , 2020, 388, 122054.	6.5	22
12	A Novel Biocompatible Titanium-Gadolinium Quantum Dot as a Bacterial Detecting Agent with High Antibacterial Activity. <i>Nanomaterials</i> , 2020, 10, 778.	1.9	10
13	A Novel Ruthenium Based Coordination Compound Against Pathogenic Bacteria. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2656.	1.8	15
14	Peptide-Carbon Quantum Dots conjugate, Derived from Human Retinoic Acid Receptor Responder Protein 2, against Antibiotic-Resistant Gram Positive and Gram Negative Pathogenic Bacteria. <i>Nanomaterials</i> , 2020, 10, 325.	1.9	32
15	Prevalent anatase crystalline phase increases the cytotoxicity of biphasic titanium dioxide nanoparticles in mammalian cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110391.	2.5	10
16	Tuning the surface coating of IONs toward efficient sonochemical tethering and sustained liberation of topoisomerase II poisons. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7609-7624.	3.3	2
17	Sarcosine influences apoptosis and growth of prostate cells via cell-type specific regulation of distinct sets of genes. <i>Prostate</i> , 2018, 78, 104-112.	1.2	8
18	Comparative gene expression profiling of human metallothionein-3 up-regulation in neuroblastoma cells and its impact on susceptibility to cisplatin. <i>Oncotarget</i> , 2018, 9, 4427-4439.	0.8	9

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19	Alternative Synthesis Route of Biocompatible Polyvinylpyrrolidone Nanoparticles and Their Effect on Pathogenic Microorganisms. <i>Molecular Pharmaceutics</i> , 2017, 14, 221-233.	2.3	10
20	pH-Responsive Hybrid Organic-Inorganic Ruthenium Nanoparticles for Controlled Release of Doxorubicin. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1700289.	1.2	4
21	Anticarcinogenic Effect of Spices Due to Phenolic and Flavonoid Compounds – In Vitro Evaluation on Prostate Cells. <i>Molecules</i> , 2017, 22, 1626.	1.7	7
22	Exceptional release kinetics and cytotoxic selectivity of oxidised MWCNTs double-functionalised with doxorubicin and prostate-homing peptide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 123-132.	2.5	10
23	Size-related cytotoxicological aspects of polyvinylpyrrolidone-capped platinum nanoparticles. <i>Food and Chemical Toxicology</i> , 2017, 105, 337-346.	1.8	24
24	A two-step protocol for isolation of influenza A (H7N7) virions and their RNA for PCR diagnostics based on modified paramagnetic particles. <i>Electrophoresis</i> , 2016, 37, 2025-2035.	1.3	3