

Hana Mihlkov

List of Publications by Year in Descending Order

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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.

24
papers

175
citations

8
h-index

11
g-index

26
ext. papers

271
ext. citations

7.2
avg, IF

3.18
L-index

#	Paper	IF	Citations
24	Active Light-Powered Antibiofilm ZnO Micromotors with Chemically Programmable Properties. <i>Advanced Functional Materials</i> , 2021 , 31, 2101178	15.6	22
23	Efficient Protein Transfection by Swarms of Chemically Powered Plasmonic Virus-Sized Nanorobots. <i>ACS Nano</i> , 2021 ,	16.7	4
22	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 , 16, 1-14	7.3	3
21	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 , 16, 4431-4449	7.3	3
20	Swarming Aqua Sperm Micromotors for Active Bacterial Biofilms Removal in Confined Spaces. <i>Advanced Science</i> , 2021 , 8, e2101301	13.6	13
19	Extending the Applicability of and Chicken Chorioallantoic Membrane Assays to Study Cytostatic Activity in Neuroblastoma Cells. <i>Frontiers in Oncology</i> , 2021 , 11, 707366	5.3	2
18	Soil protein as a potential antimicrobial agent against methicillin -resistant <i>Staphylococcus aureus</i> . <i>Environmental Research</i> , 2020 , 188, 109320	7.9	2
17	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	9.3	18
16	Complex cytotoxicity mechanism of bundles formed from self-organised 1-D anodic TiO nanotubes layers. <i>Journal of Hazardous Materials</i> , 2020 , 388, 122054	12.8	12
15	A Novel Biocompatible Titanium-Gadolinium Quantum Dot as a Bacterial Detecting Agent with High Antibacterial Activity. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
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,	5.4	13
13	Norepinephrine transporter-derived homing peptides enable rapid endocytosis of drug delivery nanovehicles into neuroblastoma cells. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 95	9.4	3
12	Characterization and Analysis of Probiotic-Derived Peptides Against Multi Drug Resistance Bacterial Infections. <i>Frontiers in Microbiology</i> , 2020 , 11, 1963	5.7	3
11	A Novel Ruthenium Based Coordination Compound Against Pathogenic Bacteria. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
10	Tuning the surface coating of IONs toward efficient sonochemical tethering and sustained liberation of topoisomerase II poisons. <i>International Journal of Nanomedicine</i> , 2019 , 14, 7609-7624	7.3	0
9	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	6	3
8	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	3.3	8

7	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	4.2	6
6	Alternative Synthesis Route of Biocompatible Polyvinylpyrrolidone Nanoparticles and Their Effect on Pathogenic Microorganisms. <i>Molecular Pharmaceutics</i> , 2017 , 14, 221-233	5.6	9
5	pH-Responsive Hybrid Organic-Inorganic Ruthenium Nanoparticles for Controlled Release of Doxorubicin. <i>Particle and Particle Systems Characterization</i> , 2017 , 34, 1700289	3.1	4
4	Anticarcinogenic Effect of Spices Due to Phenolic and Flavonoid Compounds-In Vitro Evaluation on Prostate Cells. <i>Molecules</i> , 2017 , 22,	4.8	7
3	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 ⁶		8
2	Size-related cytotoxicological aspects of polyvinylpyrrolidone-capped platinum nanoparticles. <i>Food and Chemical Toxicology</i> , 2017 , 105, 337-346	4.7	16
1	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, 2025-35	3.6	3