

# Hana Mihlkov

## List of Publications by Citations

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**Version:** 2024-04-27

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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> , <b>2021</b> , 31, 2101178	15.6	22
23	One-pot synthesis of natural amine-modified biocompatible carbon quantum dots with antibacterial activity. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 580, 30-48	9.3	18
22	Size-related cytotoxicological aspects of polyvinylpyrrolidone-capped platinum nanoparticles. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 105, 337-346	4.7	16
21	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> , <b>2020</b> , 10,	5.4	13
20	Swarming Aqua Sperm Micromotors for Active Bacterial Biofilms Removal in Confined Spaces. <i>Advanced Science</i> , <b>2021</b> , 8, e2101301	13.6	13
19	Complex cytotoxicity mechanism of bundles formed from self-organised 1-D anodic TiO nanotubes layers. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 388, 122054	12.8	12
18	A Novel Ruthenium Based Coordination Compound Against Pathogenic Bacteria. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	11
17	Alternative Synthesis Route of Biocompatible Polyvinylpyrrolidone Nanoparticles and Their Effect on Pathogenic Microorganisms. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 221-233	5.6	9
16	Comparative gene expression profiling of human metallothionein-3 up-regulation in neuroblastoma cells and its impact on susceptibility to cisplatin. <i>Oncotarget</i> , <b>2018</b> , 9, 4427-4439	3.3	8
15	Exceptional release kinetics and cytotoxic selectivity of oxidised MWCNTs double-functionalised with doxorubicin and prostate-homing peptide. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 156, 123-132	6	8
14	Anticarcinogenic Effect of Spices Due to Phenolic and Flavonoid Compounds-In Vitro Evaluation on Prostate Cells. <i>Molecules</i> , <b>2017</b> , 22,	4.8	7
13	Sarcosine influences apoptosis and growth of prostate cells via cell-type specific regulation of distinct sets of genes. <i>Prostate</i> , <b>2018</b> , 78, 104-112	4.2	6
12	pH-Responsive Hybrid Organic-Inorganic Ruthenium Nanoparticles for Controlled Release of Doxorubicin. <i>Particle and Particle Systems Characterization</i> , <b>2017</b> , 34, 1700289	3.1	4
11	Efficient Protein Transfection by Swarms of Chemically Powered Plasmonic Virus-Sized Nanorobots. <i>ACS Nano</i> , <b>2021</b> ,	16.7	4
10	Prevalent anatase crystalline phase increases the cytotoxicity of biphasic titanium dioxide nanoparticles in mammalian cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 182, 110391	6	3
9	Norepinephrine transporter-derived homing peptides enable rapid endocytosis of drug delivery nanovehicles into neuroblastoma cells. <i>Journal of Nanobiotechnology</i> , <b>2020</b> , 18, 95	9.4	3
8	Characterization and Analysis of Probiotic-Derived Peptides Against Multi Drug Resistance Bacterial Infections. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 1963	5.7	3

7	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> , <b>2016</b> , 37, 2025-35	3.6	3
6	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> , <b>2021</b> , 16, 1-14	7.3	3
5	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> , <b>2021</b> , 16, 4431-4449	7.2	3
4	Soil protein as a potential antimicrobial agent against methicillin -resistant <i>Staphylococcus aureus</i> . <i>Environmental Research</i> , <b>2020</b> , 188, 109320	7.9	2
3	A Novel Biocompatible Titanium-Gadolinium Quantum Dot as a Bacterial Detecting Agent with High Antibacterial Activity. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	2
2	Extending the Applicability of and Chicken Chorioallantoic Membrane Assays to Study Cytostatic Activity in Neuroblastoma Cells. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 707366	5.3	2
1	Tuning the surface coating of IONs toward efficient sonochemical tethering and sustained liberation of topoisomerase II poisons. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 7609-7624	7.3	0