

# Mariia Uzhytchak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1703573/publications.pdf>

Version: 2024-02-01

21  
papers

420  
citations

687363

13  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

668  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analyzing the mechanisms of iron oxide nanoparticles interactions with cells: A road from failure to success in clinical applications. <i>Journal of Controlled Release</i> , 2020, 328, 59-77.	9.9	72
2	Remote Actuation of Apoptosis in Liver Cancer Cells via Magneto-Mechanical Modulation of Iron Oxide Nanoparticles. <i>Cancers</i> , 2019, 11, 1873.	3.7	40
3	Targeting the mTOR Signaling Pathway Utilizing Nanoparticles: A Critical Overview. <i>Cancers</i> , 2019, 11, 82.	3.7	34
4	Non-Thermal Plasma, as a New Physicochemical Source, to Induce Redox Imbalance and Subsequent Cell Death in Liver Cancer Cell Lines. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 119-140.	1.6	33
5	Light-induced modulation of the mitochondrial respiratory chain activity: possibilities and limitations. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2815-2838.	5.4	29
6	Post-ovulatory and post-stripping oocyte ageing in northern pike, <i>Esox lucius</i> (Linnaeus, 1758), and its effect on egg viability rates and the occurrence of larval malformations and ploidy anomalies. <i>Aquaculture</i> , 2016, 450, 431-438.	3.5	27
7	Iron Oxide Nanoparticle-Induced Autophagic Flux Is Regulated by Interplay between p53-mTOR Axis and Bcl-2 Signaling in Hepatic Cells. <i>Cells</i> , 2020, 9, 1015.	4.1	25
8	Protein Corona Inhibits Endosomal Escape of Functionalized DNA Nanostructures in Living Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 46375-46390.	8.0	20
9	The use of pulsed magnetic fields to increase the uptake of iron oxide nanoparticles by living cells. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	19
10	Progressive lysosomal membrane permeabilization induced by iron oxide nanoparticles drives hepatic cell autophagy and apoptosis. <i>Nano Convergence</i> , 2020, 7, 17.	12.1	19
11	Critical Analysis of Non-Thermal Plasma-Driven Modulation of Immune Cells from Clinical Perspective. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6226.	4.1	17
12	A Critical Review on Selected External Physical Cues and Modulation of Cell Behavior: Magnetic Nanoparticles, Non-thermal Plasma and Lasers. <i>Journal of Functional Biomaterials</i> , 2019, 10, 2.	4.4	16
13	Modulation of Living Cell Behavior with Ultra-low Fouling Polymer Brush Interfaces. <i>Macromolecular Bioscience</i> , 2020, 20, e1900351.	4.1	13
14	The least known European native crayfish <i>Astacus pachypus</i> (Rathke, 1837) revealed its phylogenetic position. <i>Zoologischer Anzeiger</i> , 2017, 267, 151-154.	0.9	12
15	The interactions between DNA nanostructures and cells: A critical overview from a cell biology perspective. <i>Acta Biomaterialia</i> , 2022, 146, 10-22.	8.3	10
16	Preliminary Study of Ge-DLC Nanocomposite Biomaterials Prepared by Laser Codeposition. <i>Nanomaterials</i> , 2019, 9, 451.	4.1	9
17	Ferromagnetic glass-coated microwires for cell manipulation. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 512, 166991.	2.3	8
18	Functionalizable Antifouling Coatings as Tunable Platforms for the Stress-Driven Manipulation of Living Cell Machinery. <i>Biomolecules</i> , 2020, 10, 1146.	4.0	6

#	ARTICLE	IF	CITATIONS
19	Hepatic Tumor Cell Morphology Plasticity under Physical Constraints in 3D Cultures Driven by YAP/mTOR Axis. <i>Pharmaceuticals</i> , 2020, 13, 430.	3.8	5
20	Expression of Interferons Lambda 3 and 4 Induces Identical Response in Human Liver Cell Lines Depending Exclusively on Canonical Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2560.	4.1	5
21	Laser irradiation induces mitochondrial dysfunction in hepatic cells. , 2019, , .		1