

# Yi Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5037085/publications.pdf>

Version: 2024-02-01

23  
papers

1,572  
citations

516710

16  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

3304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tango of dual nanoparticles: Interplays between exosomes and nanomedicine. <i>Bioengineering and Translational Medicine</i> , 2022, 7, e10269.	7.1	6
2	Single-cell analysis of somatic mutation burden in mammary epithelial cells of pathogenic BRCA1/2 mutation carriers. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	7
3	Wearable Biofuel Cells: Advances from Fabrication to Application. <i>Advanced Functional Materials</i> , 2021, 31, 2103976.	14.9	38
4	Interactions Between Nanoparticles and Dendritic Cells: From the Perspective of Cancer Immunotherapy. <i>Frontiers in Oncology</i> , 2018, 8, 404.	2.8	113
5	Modulation of Carbon Nanotubes' Perturbation to the Metabolic Activity of CYP3A4 in the Liver. <i>Advanced Functional Materials</i> , 2016, 26, 841-850.	14.9	19
6	Reprogramming Cellular Signaling Machinery Using Surface-Modified Carbon Nanotubes. <i>Chemical Research in Toxicology</i> , 2015, 28, 296-305.	3.3	9
7	Induction of Size-Dependent Breakdown of Blood-Milk Barrier in Lactating Mice by TiO <sub>2</sub> Nanoparticles. <i>PLoS ONE</i> , 2015, 10, e0122591.	2.5	33
8	Nanotoxicity Overview: Nano-Threat to Susceptible Populations. <i>International Journal of Molecular Sciences</i> , 2014, 15, 3671-3697.	4.1	85
9	Perturbation of physiological systems by nanoparticles. <i>Chemical Society Reviews</i> , 2014, 43, 3762-3809.	38.1	128
10	Comparison of Cancer Cell Survival Triggered by Microtubule Damage after Turning Dyrk1B Kinase On and Off. <i>ACS Chemical Biology</i> , 2014, 9, 731-742.	3.4	17
11	Tuning Cell Autophagy by Diversifying Carbon Nanotube Surface Chemistry. <i>ACS Nano</i> , 2014, 8, 2087-2099.	14.6	113
12	Enhanced cancer cell killing by a targeting gold nanoconstruct with doxorubicin payload under X-ray irradiation. <i>RSC Advances</i> , 2013, 3, 21596.	3.6	13
13	Toward a Better Understanding of Pharmacokinetics of Nanomaterials. <i>Current Pharmaceutical Design</i> , 2013, 19, 6667-6680.	1.9	5
14	Binding of carbon nanotube to BMP receptor 2 enhances cell differentiation and inhibits apoptosis via regulating bHLH transcription factors. <i>Cell Death and Disease</i> , 2012, 3, e308-e308.	6.3	26
15	Effective Surface Charge Density Determines the Electrostatic Attraction between Nanoparticles and Cells. <i>Journal of Physical Chemistry C</i> , 2012, 116, 4993-4998.	3.1	75
16	Cell Cycle Regulation by Carboxylated Multiwalled Carbon Nanotubes through p53-Independent Induction of p21 under the Control of the BMP Signaling Pathway. <i>Chemical Research in Toxicology</i> , 2012, 25, 1212-1221.	3.3	20
17	Permission to Enter Cell by Shape: Nanodisk vs Nanosphere. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 4099-4105.	8.0	116
18	Safety profile and cellular uptake of biotemplated nanocapsules with nanometre-thin walls. <i>Nanoscale</i> , 2011, 3, 2576.	5.6	10

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19	Leading Neuroblastoma Cells To Die by Multiple Premeditated Attacks from a Multifunctionalized Nanoconstruct. <i>Journal of the American Chemical Society</i> , 2011, 133, 13918-13921.	13.7	30
20	Secalonic acid A reduced colchicine cytotoxicity through suppression of JNK, p38 MAPKs and calcium influx. <i>Neurochemistry International</i> , 2011, 58, 85-91.	3.8	22
21	Functionalized carbon nanotubes for potential medicinal applications. <i>Drug Discovery Today</i> , 2010, 15, 428-435.	6.4	338
22	Repeated administrations of carbon nanotubes in male mice cause reversible testis damage without affecting fertility. <i>Nature Nanotechnology</i> , 2010, 5, 683-689.	31.5	258
23	The effect of multiwalled carbon nanotube agglomeration on their accumulation in and damage to organs in mice. <i>Carbon</i> , 2009, 47, 2060-2069.	10.3	89