

# Xi Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6273148/publications.pdf>

Version: 2024-02-01

29  
papers

1,535  
citations

430442

18  
h-index

476904

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carboxyl-modified single-walled carbon nanotubes selectively induce human telomeric i-motif formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19658-19663.	3.3	248
2	Resonance Energy Transfer-Promoted Photothermal and Photodynamic Performance of Gold@Copper Sulfide Yolk@Shell Nanoparticles for Chemophototherapy of Cancer. <i>Nano Letters</i> , 2018, 18, 886-897.	4.5	163
3	Carbon nanotubes selective destabilization of duplex and triplex DNA and inducing B-A transition in solution. <i>Nucleic Acids Research</i> , 2006, 34, 3670-3676.	6.5	123
4	Enhancement of cell recognition in vitro by dual-ligand cancer targeting gold nanoparticles. <i>Biomaterials</i> , 2011, 32, 2540-2545.	5.7	98
5	Nitric Oxide Stimulated Programmable Drug Release of Nanosystem for Multidrug Resistance Cancer Therapy. <i>Nano Letters</i> , 2019, 19, 6800-6811.	4.5	90
6	Hollow, Rough, and Nitric Oxide-Releasing Cerium Oxide Nanoparticles for Promoting Multiple Stages of Wound Healing. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900256.	3.9	83
7	{101}@{001} Surface Heterojunction-Enhanced Antibacterial Activity of Titanium Dioxide Nanocrystals Under Sunlight Irradiation. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 5907-5915.	4.0	78
8	Simulated Sunlight-Mediated Photodynamic Therapy for Melanoma Skin Cancer by Titanium Dioxide Nanoparticle@Gold Nanocluster@Graphene Heterogeneous Nanocomposites. <i>Small</i> , 2017, 13, 1603935.	5.2	73
9	Enhancing Cell Recognition by Scrutinizing Cell Surfaces with a Nanoparticle Array. <i>Journal of the American Chemical Society</i> , 2011, 133, 680-682.	6.6	63
10	Time-staggered delivery of erlotinib and doxorubicin by gold nanocages with two smart polymers for reprogrammable release and synergistic with photothermal therapy. <i>Biomaterials</i> , 2019, 217, 119327.	5.7	60
11	Crystallographic Facet-Induced Toxicological Responses by Faceted Titanium Dioxide Nanocrystals. <i>ACS Nano</i> , 2016, 10, 6062-6073.	7.3	53
12	A biomimetic nanoenzyme for starvation therapy enhanced photothermal and chemodynamic tumor therapy. <i>Nanoscale</i> , 2020, 12, 23159-23165.	2.8	52
13	Characterization of Protein Clusters of Diverse Magnetic Nanoparticles and Their Dynamic Interactions with Human Cells. <i>Journal of Physical Chemistry C</i> , 2009, 113, 5390-5395.	1.5	51
14	Single-walled carbon nanotubes binding to human telomeric i-motif DNA: significant acceleration of S1 nuclease cleavage rate. <i>Chemical Communications</i> , 2007, , 5176.	2.2	50
15	Characterization of Organic Molecules Attached to Gold Nanoparticle Surface Using High Resolution Magic Angle Spinning <sup>1</sup> H NMR. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19360-19366.	1.5	43
16	Structural confirmation and quantification of individual ligands from the surface of multi-functionalized gold nanoparticles. <i>Analyst</i> , 2010, 135, 1210.	1.7	29
17	Differential photothermal and photodynamic performance behaviors of gold nanorods, nanoshells and nanocages under identical energy conditions. <i>Biomaterials Science</i> , 2019, 7, 1448-1462.	2.6	28
18	Thylakoid Membranes with Unique Photosystems Used to Simultaneously Produce Self-Supplying Oxygen and Singlet Oxygen for Hypoxic Tumor Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001666.	3.9	26

#	ARTICLE	IF	CITATIONS
19	Effect of DNA Flanking Sequence on Charge Transport in Short DNA Duplexes. <i>Biochemistry</i> , 2006, 45, 13543-13550.	1.2	18
20	Spectral and electrochemical detection of protonated triplex formation by a small-molecule anticancer agent. <i>Chemical Physics Letters</i> , 2009, 480, 309-312.	1.2	18
21	Improving the photothermal therapy efficacy and preventing the surface oxidation of bismuth nanoparticles through the formation of a bismuth@bismuth selenide heterostructure. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8803-8808.	2.9	17
22	Understanding the property-activity relationships of polyhedral cuprous oxide nanocrystals in terms of reactive crystallographic facets. <i>Toxicological Sciences</i> , 2017, 156, kfx011.	1.4	15
23	Crystallographic facet-dependent stress responses by polyhedral lead sulfide nanocrystals and the potential "safe-by-design" approach. <i>Nano Research</i> , 2016, 9, 3812-3827.	5.8	14
24	Systematic Design of a Flow-Through Titanium Electrode-Based Device with Strong Oil Droplet Rejection Property for Superior Oil-in-Water Emulsion Separation Performance. <i>Environmental Science &amp; Technology</i> , 2022, 56, 4151-4161.	4.6	12
25	Safety profile and cellular uptake of biotemplated nanocapsules with nanometre-thin walls. <i>Nanoscale</i> , 2011, 3, 2576.	2.8	10
26	Classification of breast cancer by a gold nanoparticle based multicolor fluorescent aptasensor. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 287-293.	5.0	8
27	Morphological effect of copper sulfide nanoparticles on their near infrared laser activated photothermal and photodynamic performance. <i>Materials Research Express</i> , 2019, 6, 105406.	0.8	6
28	Neutrophil mediated postoperative photoimmunotherapy against melanoma skin cancer. <i>Nanoscale</i> , 2021, 13, 14825-14836.	2.8	4
29	Ligand-assisted synthesis of monodispersed and small-sized ZnO nanoparticles and their application in electroluminescence device. <i>Materials Research Express</i> , 2019, 6, 085060.	0.8	2