

List of Publications by Citations

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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.

47 papers	2,805 citations	26 h-index	49 g-index
49 ext. papers	3,136 ext. citations	10.5 avg, IF	5 L-index

#	Paper	IF	Citations
47	Chemical basis of interactions between engineered nanoparticles and biological systems. <i>Chemical Reviews</i> , <b>2014</b> , 114, 7740-81	68.1	398
46	Size-dependent cell uptake of protein-coated graphene oxide nanosheets. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 2259-66	9.5	290
45	Repeated administrations of carbon nanotubes in male mice cause reversible testis damage without affecting fertility. <i>Nature Nanotechnology</i> , <b>2010</b> , 5, 683-9	28.7	226
44	Endosomal leakage and nuclear translocation of multiwalled carbon nanotubes: developing a model for cell uptake. <i>Nano Letters</i> , <b>2009</b> , 9, 4370-5	11.5	200
43	Protein Binding by Functionalized Multiwalled Carbon Nanotubes Is Governed by the Surface Chemistry of Both Parties and the Nanotube Diameter. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 3300-3307	3.8	140
42	A nano-combinatorial library strategy for the discovery of nanotubes with reduced protein-binding, cytotoxicity, and immune response. <i>Nano Letters</i> , <b>2008</b> , 8, 859-65	11.5	122
41	Temozolomide nanoparticles for targeted glioblastoma therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 6674-82	9.5	115
40	Functionalized carbon nanotubes specifically bind to alpha-chymotrypsin's catalytic site and regulate its enzymatic function. <i>Nano Letters</i> , <b>2009</b> , 9, 2280-4	11.5	93
39	Analytical strategies for detecting nanoparticle-protein interactions. <i>Analyst, The</i> , <b>2010</b> , 135, 1519-30	5	89
38	Paramagnetic Properties of Metal-Free Boron-Doped Graphene Quantum Dots and Their Application for Safe Magnetic Resonance Imaging. <i>Advanced Materials</i> , <b>2017</b> , 29, 1605416	24	85
37	Nitrogen and Boron Dual-Doped Graphene Quantum Dots for Near-Infrared Second Window Imaging and Photothermal Therapy. <i>Applied Materials Today</i> , <b>2019</b> , 14, 108-117	6.6	80
36	Steering carbon nanotubes to scavenger receptor recognition by nanotube surface chemistry modification partially alleviates NFB activation and reduces its immunotoxicity. <i>ACS Nano</i> , <b>2011</b> , 5, 4581-91	16.7	76
35	Immunomodulation of nanoparticles in nanomedicine applications. <i>BioMed Research International</i> , <b>2014</b> , 2014, 426028	3	66
34	Effective Surface Charge Density Determines the Electrostatic Attraction between Nanoparticles and Cells. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 4993-4998	3.8	66
33	Anti-HER2/neu peptide-conjugated iron oxide nanoparticles for targeted delivery of paclitaxel to breast cancer cells. <i>Nanoscale</i> , <b>2015</b> , 7, 18010-4	7.7	65
32	Suppression of human bone morphogenetic protein signaling by carboxylated single-walled carbon nanotubes. <i>ACS Nano</i> , <b>2009</b> , 3, 1139-44	16.7	64
31	Nanoparticles for imaging and treatment of metastatic breast cancer. <i>Expert Opinion on Drug Delivery</i> , <b>2017</b> , 14, 123-136	8	54

30	Characterization of Protein Clusters of Diverse Magnetic Nanoparticles and Their Dynamic Interactions with Human Cells. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 5390-5395	3.8	46
29	Iron oxide-carbon core-shell nanoparticles for dual-modal imaging-guided photothermal therapy. <i>Journal of Controlled Release</i> , <b>2018</b> , 289, 70-78	11.7	41
28	Exploring the immunotoxicity of carbon nanotubes. <i>Nanoscale Research Letters</i> , <b>2008</b> , 3, 271-7	5	38
27	Hexanoyl-Chitosan-PEG Copolymer Coated Iron Oxide Nanoparticles for Hydrophobic Drug Delivery. <i>ACS Macro Letters</i> , <b>2015</b> , 4, 403-407	6.6	37
26	Preloading of Hydrophobic Anticancer Drug into Multifunctional Nanocarrier for Multimodal Imaging, NIR-Responsive Drug Release, and Synergistic Therapy. <i>Small</i> , <b>2016</b> , 12, 6388-6397	11	37
25	Stable and efficient Paclitaxel nanoparticles for targeted glioblastoma therapy. <i>Advanced Healthcare Materials</i> , <b>2015</b> , 4, 1236-45	10.1	36
24	Mesoporous carbon nanoshells for high hydrophobic drug loading, multimodal optical imaging, controlled drug release, and synergistic therapy. <i>Nanoscale</i> , <b>2017</b> , 9, 1434-1442	7.7	31
23	Biocompatibility of polymer grafted core/shell iron/carbon nanoparticles. <i>Biomaterials</i> , <b>2010</b> , 31, 5083-90	5.6	29
22	Leading neuroblastoma cells to die by multiple premeditated attacks from a multifunctionalized nanoconstruct. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 13918-21	16.4	26
21	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> , <b>2012</b> , 3, e308	9.8	26
20	Computer-aided design of carbon nanotubes with the desired bioactivity and safety profiles. <i>Nanotoxicology</i> , <b>2016</b> , 10, 374-83	5.3	24
19	Anti-tumor selectivity of a novel tubulin and HSP90 dual-targeting inhibitor in non-small cell lung cancer models. <i>Biochemical Pharmacology</i> , <b>2013</b> , 86, 351-60	6	24
18	Gemcitabine and Chlorotoxin Conjugated Iron Oxide Nanoparticles for Glioblastoma Therapy. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 32-36	7.3	23
17	Translation of combination nanodrugs into nanomedicines: lessons learned and future outlook. <i>Journal of Drug Targeting</i> , <b>2018</b> , 26, 435-447	5.4	21
16	Chitosan-Gated Magnetic-Responsive Nanocarrier for Dual-Modal Optical Imaging, Switchable Drug Release, and Synergistic Therapy. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1601080	10.1	20
15	Cell rescue by nanosequestration: reduced cytotoxicity of an environmental remediation residue, Mg(OH) <sub>2</sub> nanoflake/Cr(VI) adduct. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 1984-92	10.3	19
14	Biconcave Carbon Nanodisks for Enhanced Drug Accumulation and Chemo-Photothermal Tumor Therapy. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1801505	10.1	18
13	Catalase-Functionalized Iron Oxide Nanoparticles Reverse Hypoxia-Induced Chemotherapeutic Resistance. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1900826	10.1	15

12	Single-layer boron-doped graphene quantum dots for contrast-enhanced in vivo T-weighted MRI. <i>Nanoscale Horizons</i> , <b>2020</b> , 5, 573-579	10.8	14
11	Protein Corona Formation: Characterizations, Effects on Engineered Nanoparticles\Biobehaviors, and Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 646708	5.8	12
10	Safety profile and cellular uptake of biotemplated nanocapsules with nanometre-thin walls. <i>Nanoscale</i> , <b>2011</b> , 3, 2576-82	7.7	10
9	Challenges and opportunities in metastatic breast cancer treatments: Nano-drug combinations delivered preferentially to metastatic cells may enhance therapeutic response.. <i>Pharmacology &amp; Therapeutics</i> , <b>2022</b> , 236, 108108	13.9	4
8	Iron oxide nanoparticle targeted chemo-immunotherapy for triple negative breast cancer.. <i>Materials Today</i> , <b>2021</b> , 50, 149-169	21.8	4
7	Novel drug combination nanoparticles exhibit enhanced plasma exposure and dose-responsive effects on eliminating breast cancer lung metastasis. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228557	3.7	3
6	claMP Tag: a versatile inline metal-binding platform based on the metal abstraction peptide. <i>Bioconjugate Chemistry</i> , <b>2014</b> , 25, 1103-11	6.3	3
5	In vivo Serum Enabled Production of Ultrafine Nanotherapeutics for Cancer Treatment. <i>Materials Today</i> , <b>2020</b> , 38, 10-23	21.8	3
4	A highly selective iron oxide-based imaging nanoparticle for long-term monitoring of drug-induced tumor cell apoptosis. <i>Biomaterials Science</i> , <b>2021</b> , 9, 471-481	7.4	3
3	Real-time monitoring of cellular responses to carbon nanotubes. <i>Methods in Molecular Biology</i> , <b>2010</b> , 625, 85-94	1.4	2
2	Novel Long-Acting Drug Combination Nanoparticles Composed of Gemcitabine and Paclitaxel Enhance Localization of Both Drugs in Metastatic Breast Cancer Nodules. <i>Pharmaceutical Research</i> , <b>2020</b> , 37, 197	4.5	1
1	Optimizing a Novel Au-Grafted Lipid Nanoparticle Through Chelation Chemistry for High Photothermal Biologic Activity. <i>Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 109, 1780-1788	3.9	0