

# Functionalization of single-walled carbon nanotubes an

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Synergistic photothermal ablative effects of functionalizing carbon nanotubes with a POSS-PCU nanocomposite polymer. Journal of Nanobiotechnology, 2012, 10, 34.	9.1	26
2	Carbon nanotube interaction with extracellular matrix proteins producing scaffolds for tissue engineering. International Journal of Nanomedicine, 2012, 7, 4511.	6.7	71
3	Nanomedicine in Cancer Treatment: Drug Targeting and the Safety of the Used Materials for Drug Nanoencapsulation. Biochemistry & Pharmacology: Open Access, 2012, 01, .	0.2	9
4	Systematic review: the applications of nanotechnology in gastroenterology. Alimentary Pharmacology and Therapeutics, 2012, 36, 213-221.	3.7	29
5	Nanotechnology in Anesthesia and Medicine. Advances in Anesthesia, 2013, 31, 181-200.	0.9	4
6	One-pot synthesis of magnetic, macro/mesoporous bioactive glasses for bone tissue engineering. Science and Technology of Advanced Materials, 2013, 14, 025004.	6.1	23
7	Mechanisms of toxicity by carbon nanotubes. Toxicology Mechanisms and Methods, 2013, 23, 178-195.	2.7	65
8	Receptor-based targeting of therapeutics. Therapeutic Delivery, 2013, 4, 369-394.	2.2	80
9	Conjugation of quantum dots on carbon nanotubes for medical diagnosis and treatment. International Journal of Nanomedicine, 2013, 8, 941.	6.7	59
10	Formation and Resuscitation of Viable but Nonculturable <i>Salmonella typhi</i> . BioMed Research International, 2013, 2013, 1-7.	1.9	62
11	Taking a deep look: modern microscopy technologies to optimize the design and functionality of biocompatible scaffolds for tissue engineering in regenerative medicine. Journal of the Royal Society Interface, 2013, 10, 20130263.	3.4	63
12	Nanomaterials in the application of tumor vaccines: advantages and disadvantages. OncoTargets and Therapy, 2013, 6, 629.	2.0	10
13	Stealth nanotubes: strategies of shielding carbon nanotubes to evade opsonization and improve biodistribution. International Journal of Nanomedicine, 2014, 9 Suppl 1, 85.	6.7	15
14	Carbon Nanotubes: An Emerging Drug Carrier for Targeting Cancer Cells. Journal of Drug Delivery, 2014, 2014, 1-23.	2.5	160
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16	Release behaviour and toxicity evaluation of levodopa from carboxylated single-walled carbon nanotubes. Beilstein Journal of Nanotechnology, 2015, 6, 243-253.	2.8	32
17	Synthetic (Organic) Nanoparticles Induced Lung Cancer Diagnosis and Therapy. Springer Briefs in Molecular Science, 2015, , 27-37.	0.1	0
18	Carbon nanotubes part I: preparation of a novel and versatile drug-delivery vehicle. Expert Opinion on Drug Delivery, 2015, 12, 1071-1087.	5.0	88

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19	Single-walled carbon nanotubes functionalized with aptamer and piperazine-polyethylenimine derivative for targeted siRNA delivery into breast cancer cells. International Journal of Pharmaceutics, 2015, 485, 50-60.	5.2	89
20	Multifunctional nanoparticles: recent progress in cancer therapeutics. Chemical Communications, 2015, 51, 13248-13259.	4.1	131
21	Study of the Interaction of Trastuzumab and SKOV3 Epithelial Cancer Cells Using a Quartz Crystal Microbalance Sensor. Sensors, 2015, 15, 5884-5894.	3.8	23
22	Photophysical properties and photodynamic therapy effect of zinc phthalocyanine-spermine-single walled carbon nanotube conjugate on MCF-7 breast cancer cell line. Synthetic Metals, 2015, 204, 122-132.	3.9	43
23	A nano-sandwich construct built with graphene nanosheets and carbon nanotubes enhances mechanical properties of hydroxyapatite-polyetheretherketone scaffolds. International Journal of Nanomedicine, 2016, Volume 11, 3487-3500.	6.7	46
24	Self-Assembled Heterojunction Carbon Nanotubes Synergizing with Photoimmobilized IGF-1 Inhibit Cellular Senescence. Advanced Healthcare Materials, 2016, 5, 2413-2426.	7.6	11
25	Real-time and label free determination of ligand binding-kinetics to primary cancer tissue specimens; a novel tool for the assessment of biomarker targeting. Sensing and Bio-Sensing Research, 2016, 9, 23-30.	4.2	16
26	Structure, Synthesis, and Application of Nanoparticles. , 2016, , 19-76.		12
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32	Boron-doped TiO <sub>2</sub> -CNTs nanocomposites for photocatalytic application. Journal of Materials Science: Materials in Electronics, 2018, 29, 16660-16672.	2.2	18
33	Molecular dynamics assessment of doxorubicin-carbon nanotubes molecular interactions for the design of drug delivery systems. Structural Chemistry, 2019, 30, 369-384.	2.0	32
34	Physicochemical characterization and cytotoxicity of chitosan-modified single walled carbon nanotubes as drug carriers. Journal of Pharmaceutical Investigation, 2019, 49, 57-65.	5.3	12
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37	Immune efficacy of carbon nanotubes recombinant subunit vaccine against largemouth bass ulcerative syndrome virus. Fish and Shellfish Immunology, 2020, 100, 317-323.	3.6	30
38	Carbon nanotubes-loaded subunit vaccine can increase protective immunity against rhabdovirus infections of largemouth bass ( <i>Micropterus Salmoides</i> ). Fish and Shellfish Immunology, 2020, 99, 548-554.	3.6	39
39	Nanomaterials multifunctional behavior for enlightened cancer therapeutics. Seminars in Cancer Biology, 2021, 69, 178-189.	9.6	29
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41	The effect of carbon nanotube addition on the mechanical properties and biological functionality of poly(ε-caprolactone)/hydroxyapatite composites. Polymer Composites, 2021, 42, 3253-3261.	4.6	7
42	The unpredictable carbon nanotube biocorona and a functionalization method to prevent protein biofouling. Journal of Nanobiotechnology, 2021, 19, 129.	9.1	8
43	The T/Tn-Specific Helix pomatia Lectin Induces Cell Death in Lymphoma Cells Negative for T/Tn Antigens. Cancers, 2021, 13, 4356.	3.7	5
44	CO2 separation by mixed matrix membranes incorporated with carbon nanotubes: a review of morphological, mechanical, thermal and transport properties. Brazilian Journal of Chemical Engineering, 2021, 38, 777-810.	1.3	1
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47	The Effect of Polyethylene Glycol on the Toxicity Properties of Functionalized Carbon Nanotubes with the Variations of Hydrochloric Acid (HCl). International Journal of Engineering Research and Technology, 2020, 13, 2541.	0.3	1
48	Nanoteknoloji ve Nanobiyomalzemeler: AÄŸz Kanserini YÄŸnetme YollarÄ±nÄ± Yeniden TanÄ±mlama. Online TÄŸrÄŸk SaÄŸlık Bilimleri Dergisi, 0, , .	0.5	1
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