

Functionalization of single-walled carbon nanotubes and

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Synergistic photothermal ablative effects of functionalizing carbon nanotubes with a POSS-PCU nanocomposite polymer. <i>Journal of Nanobiotechnology</i> , 2012, 10, 34.	4.2	26
2	Carbon nanotube interaction with extracellular matrix proteins producing scaffolds for tissue engineering. <i>International Journal of Nanomedicine</i> , 2012, 7, 4511.	3.3	71
3	Nanomedicine in Cancer Treatment: Drug Targeting and the Safety of the Used Materials for Drug Nanoencapsulation. <i>Biochemistry & Pharmacology: Open Access</i> , 2012, 01, .	0.2	9
4	Systematic review: the applications of nanotechnology in gastroenterology. <i>Alimentary Pharmacology and Therapeutics</i> , 2012, 36, 213-221.	1.9	29
5	Nanotechnology in Anesthesia and Medicine. <i>Advances in Anesthesia</i> , 2013, 31, 181-200.	0.5	4
6	One-pot synthesis of magnetic, macro/mesoporous bioactive glasses for bone tissue engineering. <i>Science and Technology of Advanced Materials</i> , 2013, 14, 025004.	2.8	23
7	Mechanisms of toxicity by carbon nanotubes. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 178-195.	1.3	65
8	Receptor-based targeting of therapeutics. <i>Therapeutic Delivery</i> , 2013, 4, 369-394.	1.2	80
9	Conjugation of quantum dots on carbon nanotubes for medical diagnosis and treatment. <i>International Journal of Nanomedicine</i> , 2013, 8, 941.	3.3	59
10	Formation and Resuscitation of Viable but Nonculturable <i>Salmonella typhi</i> . <i>BioMed Research International</i> , 2013, 2013, 1-7.	0.9	62
11	Taking a deep look: modern microscopy technologies to optimize the design and functionality of biocompatible scaffolds for tissue engineering in regenerative medicine. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130263.	1.5	63
12	Nanomaterials in the application of tumor vaccines: advantages and disadvantages. <i>OncoTargets and Therapy</i> , 2013, 6, 629.	1.0	10
13	Stealth nanotubes: strategies of shielding carbon nanotubes to evade opsonization and improve biodistribution. <i>International Journal of Nanomedicine</i> , 2014, 9 Suppl 1, 85.	3.3	15
14	Carbon Nanotubes: An Emerging Drug Carrier for Targeting Cancer Cells. <i>Journal of Drug Delivery</i> , 2014, 2014, 1-23.	2.5	160
15	Aqueous dispersion of polymer coated boron nitride nanotubes and their antibacterial and cytotoxicity studies. <i>RSC Advances</i> , 2014, 4, 32031-32046.	1.7	45
16	Release behaviour and toxicity evaluation of levodopa from carboxylated single-walled carbon nanotubes. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 243-253.	1.5	32
17	Synthetic (Organic) Nanoparticles Induced Lung Cancer Diagnosis and Therapy. <i>Springer Briefs in Molecular Science</i> , 2015, , 27-37.	0.1	0
18	Carbon nanotubes part I: preparation of a novel and versatile drug-delivery vehicle. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1071-1087.	2.4	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. <i>International Journal of Pharmaceutics</i> , 2015, 485, 50-60.	2.6	89
20	Multifunctional nanoparticles: recent progress in cancer therapeutics. <i>Chemical Communications</i> , 2015, 51, 13248-13259.	2.2	131
21	Study of the Interaction of Trastuzumab and SKOV3 Epithelial Cancer Cells Using a Quartz Crystal Microbalance Sensor. <i>Sensors</i> , 2015, 15, 5884-5894.	2.1	23
22	Photophysical properties and photodynamic therapy effect of zinc phthalocyanine-spermine-single walled carbon nanotube conjugate on MCF-7 breast cancer cell line. <i>Synthetic Metals</i> , 2015, 204, 122-132.	2.1	43
23	A nano-sandwich construct built with graphene nanosheets and carbon nanotubes enhances mechanical properties of hydroxyapatite-polyetheretherketone scaffolds. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3487-3500.	3.3	46
24	Self-Assembled Heterojunction Carbon Nanotubes Synergizing with Photoimmobilized IGF-1 Inhibit Cellular Senescence. <i>Advanced Healthcare Materials</i> , 2016, 5, 2413-2426.	3.9	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. <i>Sensing and Bio-Sensing Research</i> , 2016, 9, 23-30.	2.2	16
26	Structure, Synthesis, and Application of Nanoparticles. , 2016, , 19-76.		12
27	Recent advances in carbon based nanosystems for cancer theranostics. <i>Biomaterials Science</i> , 2017, 5, 901-952.	2.6	172
28	Superaligned Carbon Nanotubes Guide Oriented Cell Growth and Promote Electrophysiological Homogeneity for Synthetic Cardiac Tissues. <i>Advanced Materials</i> , 2017, 29, 1702713.	11.1	85
29	Novel QCM-based Method to Predict in Vivo Behaviour of Nanoparticles. <i>Procedia Technology</i> , 2017, 27, 197-200.	1.1	6
30	Hybrids of Iron-Filled Multiwall Carbon Nanotubes and Anticancer Agents as Potential Magnetic Drug Delivery Systems: In Vitro Studies against Human Melanoma, Colon Carcinoma, and Colon Adenocarcinoma. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-13.	1.5	21
31	Fabrication, Characterization, and Functionalization of Single-Walled Carbon Nanotube Conjugated with Tamoxifen and Its Anticancer Potential against Human Breast Cancer Cells. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-13.	1.5	9
32	Boron-doped TiO ₂ -CNTs nanocomposites for photocatalytic application. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 16660-16672.	1.1	18
33	Molecular dynamics assessment of doxorubicin-carbon nanotubes molecular interactions for the design of drug delivery systems. <i>Structural Chemistry</i> , 2019, 30, 369-384.	1.0	32
34	Physicochemical characterization and cytotoxicity of chitosan-modified single walled carbon nanotubes as drug carriers. <i>Journal of Pharmaceutical Investigation</i> , 2019, 49, 57-65.	2.7	12
35	Silver-decorated multiwall carbon nanotubes: synthesis characterization and application in polymer composite-based devices. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 1451-1460.	1.1	7
36	The role of single- and multi-walled carbon nanotube in breast cancer treatment. <i>Therapeutic Delivery</i> , 2020, 11, 653-672.	1.2	18

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37	Immune efficacy of carbon nanotubes recombinant subunit vaccine against largemouth bass ulcerative syndrome virus. <i>Fish and Shellfish Immunology</i> , 2020, 100, 317-323.	1.6	30
38	Carbon nanotubes-loaded subunit vaccine can increase protective immunity against rhabdovirus infections of largemouth bass (<i>Micropterus Salmoides</i>). <i>Fish and Shellfish Immunology</i> , 2020, 99, 548-554.	1.6	39
39	Nanomaterials multifunctional behavior for enlightened cancer therapeutics. <i>Seminars in Cancer Biology</i> , 2021, 69, 178-189.	4.3	29
40	A review on nanotechnology and its application in modern veterinary science. <i>International Journal of Nanomaterials Nanotechnology and Nanomedicine</i> , 2021, , 026-031.	0.2	5
41	The effect of carbon nanotube addition on the mechanical properties and biological functionality of poly(ether ether ketone) hydroxyapatite composites. <i>Polymer Composites</i> , 2021, 42, 3253-3261.	2.3	7
42	The unpredictable carbon nanotube biocorona and a functionalization method to prevent protein biofouling. <i>Journal of Nanobiotechnology</i> , 2021, 19, 129.	4.2	8
43	The T/Tn-Specific Helix pomatia Lectin Induces Cell Death in Lymphoma Cells Negative for T/Tn Antigens. <i>Cancers</i> , 2021, 13, 4356.	1.7	5
44	CO2 separation by mixed matrix membranes incorporated with carbon nanotubes: a review of morphological, mechanical, thermal and transport properties. <i>Brazilian Journal of Chemical Engineering</i> , 2021, 38, 777-810.	0.7	1
45	Carbon Nanotubes As Quantum Dots for Therapeutic Purpose. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , 59-64.	0.2	5
46	Advances in Carbon Based Nanomaterials for Bio-Medical Applications. <i>Current Medicinal Chemistry</i> , 2019, 26, 6851-6877.	1.2	82
47	The Effect of Polyethylene Glycol on the Toxicity Properties of Functionalized Carbon Nanotubes with the Variations of Hydrochloric Acid (HCl). <i>International Journal of Engineering Research and Technology</i> , 2020, 13, 2541.	0.3	1
48	Nanoteknoloji ve Nanobiyomalzemeler: AÄz Kanserini Ynetme YollarÄ±n± Yeniden Tan±mlama. <i>Online TÄrk SaÄk Bilimleri Dergisi</i> , 0, , .	0.1	1
49	Carbon nanotubes in biomedical applications: current status, promises, and challenges. <i>Carbon Letters</i> , 2022, 32, 1207-1226.	3.3	46