

Hanene Ali-Boucetta

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,615
citations

279798

23
h-index

395702

33
g-index

35
all docs

35
docs citations

35
times ranked

5760
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects and Challenges of Graphene in Biomedical Applications. <i>Advanced Materials</i> , 2013, 25, 2258-2268.	21.0	573
2	Multiwalled carbon nanotubeâ€doxorubicin supramolecular complexes for cancer therapeutics. <i>Chemical Communications</i> , 2008, , 459-461.	4.1	327
3	Safety Considerations for Graphene: Lessons Learnt from Carbon Nanotubes. <i>Accounts of Chemical Research</i> , 2013, 46, 692-701.	15.6	285
4	Length-Dependent Retention of Carbon Nanotubes in the Pleural Space of Mice Initiates Sustained Inflammation and Progressive Fibrosis on the Parietal Pleura. <i>American Journal of Pathology</i> , 2011, 178, 2587-2600.	3.8	278
5	Filled and glycosylated carbon nanotubes for in vivo radioemitter localization and imaging. <i>Nature Materials</i> , 2010, 9, 485-490.	27.5	267
6	Targeting carbon nanotubes against cancer. <i>Chemical Communications</i> , 2012, 48, 3911.	4.1	248
7	Purified Graphene Oxide Dispersions Lack In Vitro Cytotoxicity and In Vivo Pathogenicity. <i>Advanced Healthcare Materials</i> , 2013, 2, 433-441.	7.6	166
8	Antitumor Activity and Prolonged Survival by Carbonâ€Nanotubeâ€Mediated Therapeutic siRNA Silencing in a Human Lung Xenograft Model. <i>Small</i> , 2009, 5, 1176-1185.	10.0	153
9	Asbestosâ€like Pathogenicity of Long Carbon Nanotubes Alleviated by Chemical Functionalization. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2274-2278.	13.8	153
10	Tissue histology and physiology following intravenous administration of different types of functionalized multiwalled carbon nanotubes. <i>Nanomedicine</i> , 2008, 3, 149-161.	3.3	149
11	Enhanced anticancer activity of multi-walled carbon nanotubeâ€methotrexate conjugates using cleavable linkers. <i>Chemical Communications</i> , 2010, 46, 1494-1496.	4.1	131
12	Cellular uptake mechanisms of functionalised multi-walled carbon nanotubes by 3D electron tomography imaging. <i>Nanoscale</i> , 2011, 3, 2627.	5.6	110
13	Degree of Chemical Functionalization of Carbon Nanotubes Determines Tissue Distribution and Excretion Profile. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6389-6393.	13.8	109
14	Cellular Uptake and Cytotoxic Impact of Chemically Functionalized and Polymerâ€Coated Carbon Nanotubes. <i>Small</i> , 2011, 7, 3230-3238.	10.0	84
15	Pharmacology of carbon nanotubes: Toxicokinetics, excretion and tissue accumulation. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 2111-2119.	13.7	82
16	Enhanced cellular internalization and gene silencing with a series of cationic dendronâ€multiwalled carbon nanotube:siRNA complexes. <i>FASEB Journal</i> , 2010, 24, 4354-4365.	0.5	71
17	How do functionalized carbon nanotubes land on, bind to and pierce through model and plasma membranes. <i>Nanoscale</i> , 2013, 5, 10242.	5.6	61
18	Cytotoxic Assessment of Carbon Nanotube Interaction with Cell Cultures. <i>Methods in Molecular Biology</i> , 2011, 726, 299-312.	0.9	52

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19	Antibacterial effect of graphene oxide (GO) nano-particles against <i>Pseudomonas putida</i> biofilm of variable age. <i>Environmental Science and Pollution Research</i> , 2019, 26, 25057-25070.	5.3	42
20	Biotransformation modulates the penetration of metallic nanomaterials across an artificial blood-brain barrier model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	32
21	Carbon nanotubes in medicine & biology – Therapy and diagnostics. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1897-1898.	13.7	25
22	Facile production of nanocomposites of carbon nanotubes and polycaprolactone with high aspect ratios with potential applications in drug delivery. <i>RSC Advances</i> , 2018, 8, 16444-16454.	3.6	24
23	Controlled Chemical Derivatisation of Carbon Nanotubes with Imaging, Targeting, and Therapeutic Capabilities. <i>Chemistry - A European Journal</i> , 2015, 21, 14886-14892.	3.3	18
24	Aryl-derivatized, water-soluble functionalized carbon nanotubes for biomedical applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008, 152, 8-11.	3.5	16
25	Nanomedicine & Nanotoxicology Future Could Be Reshaped Post-COVID-19 Pandemic. <i>Frontiers in Nanotechnology</i> , 2020, 2, .	4.8	9
26	Development of self-powered multifunctional piezomagnetic nanoparticles for non-invasive post-surgical osteosarcoma theranogeneration. <i>Nano Energy</i> , 2022, 96, 107134.	16.0	8
27	Graphene Oxide: Purified Graphene Oxide Dispersions Lack In Vitro Cytotoxicity and In Vivo Pathogenicity (<i>Adv. Healthcare Mater.</i> 3/2013). <i>Advanced Healthcare Materials</i> , 2013, 2, 512-512.	7.6	4
28	Nano-physiology: Carbon nanotube cell biology: not just a simple interaction. <i>European Journal of Nanomedicine</i> , 2008, 1, .	0.6	1