

# Hanene Ali-Boucetta

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

3,615  
citations

279701

23  
h-index

395590

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

5760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of self-powered multifunctional piezomagnetic nanoparticles for non-invasive post-surgical osteosarcoma theranogeneration. <i>Nano Energy</i> , 2022, 96, 107134.	8.2	8
2	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, .	3.3	32
3	Nanomedicine & Nanotoxicology Future Could Be Reshaped Post-COVID-19 Pandemic. <i>Frontiers in Nanotechnology</i> , 2020, 2, .	2.4	9
4	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.	2.7	42
5	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.	1.7	24
6	Controlled Chemical Derivatisation of Carbon Nanotubes with Imaging, Targeting, and Therapeutic Capabilities. <i>Chemistry - A European Journal</i> , 2015, 21, 14886-14892.	1.7	18
7	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.	3.9	4
8	How do functionalized carbon nanotubes land on, bind to and pierce through model and plasma membranes. <i>Nanoscale</i> , 2013, 5, 10242.	2.8	61
9	Carbon nanotubes in medicine & biology – Therapy and diagnostics. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1897-1898.	6.6	25
10	Pharmacology of carbon nanotubes: Toxicokinetics, excretion and tissue accumulation. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 2111-2119.	6.6	82
11	Asbestos-like Pathogenicity of Long Carbon Nanotubes Alleviated by Chemical Functionalization. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2274-2278.	7.2	153
12	Safety Considerations for Graphene: Lessons Learnt from Carbon Nanotubes. <i>Accounts of Chemical Research</i> , 2013, 46, 692-701.	7.6	285
13	Prospects and Challenges of Graphene in Biomedical Applications. <i>Advanced Materials</i> , 2013, 25, 2258-2268.	11.1	573
14	Purified Graphene Oxide Dispersions Lack In Vitro Cytotoxicity and In Vivo Pathogenicity. <i>Advanced Healthcare Materials</i> , 2013, 2, 433-441.	3.9	166
15	Targeting carbon nanotubes against cancer. <i>Chemical Communications</i> , 2012, 48, 3911.	2.2	248
16	Degree of Chemical Functionalization of Carbon Nanotubes Determines Tissue Distribution and Excretion Profile. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6389-6393.	7.2	109
17	Cytotoxic Assessment of Carbon Nanotube Interaction with Cell Cultures. <i>Methods in Molecular Biology</i> , 2011, 726, 299-312.	0.4	52
18	Cellular uptake mechanisms of functionalised multi-walled carbon nanotubes by 3D electron tomography imaging. <i>Nanoscale</i> , 2011, 3, 2627.	2.8	110

#	ARTICLE	IF	CITATIONS
19	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.	1.9	278
20	Cellular Uptake and Cytotoxic Impact of Chemically Functionalized and Polymer-Coated Carbon Nanotubes. <i>Small</i> , 2011, 7, 3230-3238.	5.2	84
21	Enhanced anticancer activity of multi-walled carbon nanotube-methotrexate conjugates using cleavable linkers. <i>Chemical Communications</i> , 2010, 46, 1494-1496.	2.2	131
22	Filled and glycosylated carbon nanotubes for in vivo radioemitter localization and imaging. <i>Nature Materials</i> , 2010, 9, 485-490.	13.3	267
23	Enhanced cellular internalization and gene silencing with a series of cationic dendron-multiwalled carbon nanotube:siRNA complexes. <i>FASEB Journal</i> , 2010, 24, 4354-4365.	0.2	71
24	Antitumor Activity and Prolonged Survival by Carbon-Nanotube-Mediated Therapeutic siRNA Silencing in a Human Lung Xenograft Model. <i>Small</i> , 2009, 5, 1176-1185.	5.2	153
25	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.	1.7	16
26	Tissue histology and physiology following intravenous administration of different types of functionalized multiwalled carbon nanotubes. <i>Nanomedicine</i> , 2008, 3, 149-161.	1.7	149
27	Multiwalled carbon nanotube-doxorubicin supramolecular complexes for cancer therapeutics. <i>Chemical Communications</i> , 2008, , 459-461.	2.2	327
28	Nano-physiology: Carbon nanotube cell biology: not just a simple interaction. <i>European Journal of Nanomedicine</i> , 2008, 1, .	0.6	1