

Riccardo Marega

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,595
citations

361296

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h-index

360920

35
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41
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41
docs citations

41
times ranked

2972
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalized Carbon Nanotubes Are Non-Cytotoxic and Preserve the Functionality of Primary Immune Cells. Nano Letters, 2006, 6, 1522-1528.	4.5	652
2	Microscopic and Spectroscopic Characterization of Paintbrush-like Single-walled Carbon Nanotubes. Nano Letters, 2006, 6, 1408-1414.	4.5	95
3	Wet Adsorption of a Luminescent Eu ^{III} complex on Carbon Nanotubes Sidewalls. Advanced Functional Materials, 2007, 17, 2975-2982.	7.8	71
4	Microwave-Assisted Bromination of Double-Walled Carbon Nanotubes. Chemistry of Materials, 2009, 21, 4747-4749.	3.2	64
5	Functionalized Fe-Filled Multiwalled Carbon Nanotubes as Multifunctional Scaffolds for Magnetization of Cancer Cells. Advanced Functional Materials, 2013, 23, 3173-3184.	7.8	58
6	Antibody-functionalized polymer-coated gold nanoparticles targeting cancer cells: an in vitro and in vivo study. Journal of Materials Chemistry, 2012, 22, 21305.	6.7	51
7	LET-dependent radiosensitization effects of gold nanoparticles for proton irradiation. Nanotechnology, 2016, 27, 455101.	1.3	50
8	Cap removal and shortening of double-walled and very-thin multi-walled carbon nanotubes under mild oxidative conditions. Carbon, 2009, 47, 675-682.	5.4	46
9	Filling carbon nanotubes for nanobiotechnological applications. New Journal of Chemistry, 2014, 38, 22-27.	1.4	45
10	Antibody-functionalized gold nanoparticles as tumor-targeting radiosensitizers for proton therapy. Nanomedicine, 2019, 14, 317-333.	1.7	42
11	Diffusion-Ordered NMR Spectroscopy in the Structural Characterization of Functionalized Carbon Nanotubes. Journal of the American Chemical Society, 2009, 131, 9086-9093.	6.6	37
12	Mesothelioma response to carbon nanotubes is associated with an early and selective accumulation of immunosuppressive monocytic cells. Particle and Fibre Toxicology, 2015, 13, 46.	2.8	37
13	Functionalized Carbon Nanotubes Are Non-Cytotoxic and Preserve the Functionality of Primary Immune Cells. Nano Letters, 2006, 6, 3003-3003.	4.5	34
14	Multiple Hydrogen Bond Interactions in the Processing of Functionalized Multi-Walled Carbon Nanotubes. ACS Nano, 2012, 6, 23-31.	7.3	34
15	⁸⁹ Zr-labeled anti-endoglin antibody-targeted gold nanoparticles for imaging cancer: implications for future cancer therapy. Nanomedicine, 2014, 9, 1923-1937.	1.7	33
16	From Molecular to Macroscopic Engineering: Shaping Hydrogen-Bonded Organic Nanomaterials. Chemistry - A European Journal, 2011, 17, 3262-3273.	1.7	29
17	CNTs in Optoelectronic Devices: New Structural and Photophysical Insights on Porphyrin-WCNTs Hybrid Materials. Advanced Functional Materials, 2012, 22, 3209-3222.	7.8	28
18	Magnetic Poly(vinylpyridine)-Coated Carbon Nanotubes: An Efficient Supramolecular Tool for Wastewater Purification. ChemSusChem, 2013, 6, 367-373.	3.6	27

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19	Two-Dimensional Diffusion-Ordered NMR Spectroscopy as a Tool for Monitoring Functionalized Carbon Nanotube Purification and Composition. <i>ACS Nano</i> , 2010, 4, 2051-2058.	7.3	25
20	Hierarchical Self-Assembly of Supramolecular Hydrophobic Metallacycles into Ordered Nanostructures. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2928-2936.	1.7	23
21	Biotechnological promises of Fe-filled CNTs for cell shepherding and magnetic fluid hyperthermia applications. <i>Nanoscale</i> , 2015, 7, 20474-20488.	2.8	18
22	Magnetically Active Carbon Nanotubes at Work. <i>Chemistry - A European Journal</i> , 2015, 21, 9288-9301.	1.7	16
23	Tailoring melanins for bioelectronics: polycysteinyldopamine as an ion conducting redox-responsive polydopamine variant for pro-oxidant thin films. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6525-6531.	2.7	15
24	Fast Targeting and Cancer Cell Uptake of Luminescent Antibody-Nanozeolite Bioconjugates. <i>Small</i> , 2016, 12, 5431-5441.	5.2	15
25	Hyaluronan-Carbon Nanotube Derivatives: Synthesis, Conjugation with Model Drugs, and DOSY NMR Characterization. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5617-5625.	1.2	12
26	Unleashing Cancer Cells on Surfaces Exposing Motogenic IGDQ Peptides. <i>Small</i> , 2016, 12, 321-329.	5.2	8
27	[60]Fullerene-based monolayers as neuroprotective biocompatible hybrid materials. <i>Chemical Communications</i> , 2011, 47, 10617.	2.2	7
28	Gluten Analysis in Processed Foodstuffs by a Multi-Allergens and Grain-Specific UHPLC-MS/MS Method: One Method to Detect Them All. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 1286-1302.	0.7	6
29	Carbon Nanotube-Based Metal-Ion Catchers as Supramolecular Depolluting Materials. <i>ChemSusChem</i> , 2011, 4, 1464-1469.	3.6	4
30	A general strategy to control antibody specificity against targets showing molecular and biological similarity: Salmonella case study. <i>Scientific Reports</i> , 2020, 10, 18439.	1.6	4
31	Evaluation of the discriminatory potential of antibodies created from synthetic peptides derived from wheat, barley, rye and oat gluten. <i>PLoS ONE</i> , 2021, 16, e0257466.	1.1	3
32	Unfolding IGDQ Peptides for Engineering Motogenic Interfaces. <i>Langmuir</i> , 2017, 33, 7512-7528.	1.6	2
33	Optoelectronic Devices: CNTs in Optoelectronic Devices: New Structural and Photophysical Insights on Porphyrin-DWCNTs Hybrid Materials (<i>Adv. Funct. Mater.</i> 15/2012). <i>Advanced Functional Materials</i> , 2012, 22, 3315-3315.	7.8	1
34	Magnetic Carbon Nanotubes: Functionalized Fe-Filled Multiwalled Carbon Nanotubes as Multifunctional Scaffolds for Magnetization of Cancer Cells (<i>Adv. Funct. Mater.</i> 25/2013). <i>Advanced Functional Materials</i> , 2013, 23, 3172-3172.	7.8	1
35	Novel Analytical Methods in Food Analysis. <i>Foods</i> , 2022, 11, 1512.	1.9	1
36	Supramolecular Chemistry of Carbon Nanotubes at Interfaces: Toward Applications. <i>Structure and Bonding</i> , 2013, 193-218.	1.0	0

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37	Cancer Cells: Unleashing Cancer Cells on Surfaces Exposing Motogenic IGDQ Peptides (Small 3/2016). Small, 2016, 12, 266-266.	5.2	0