

Riccardo Di Corato

List of Publications by Year in descending order

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41
papers

4,558
citations

218592

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315616

38
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42
all docs

42
docs citations

42
times ranked

7398
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible organic-inorganic nanofibers for UV light emission and lasing. , 2021, , .		0
2	Application in Nanomedicine of Manganese-Zinc Ferrite Nanoparticles. Applied Sciences (Switzerland), 2021, 11, 11183.	1.3	15
3	Tailoring of silica-based nanoporous pod by spermidine multi-activity. Scientific Reports, 2020, 10, 21142.	1.6	5
4	Conformable Nanowire-in-Nanofiber Hybrids for Low-Threshold Optical Gain in the Ultraviolet. ACS Nano, 2020, 14, 8093-8102.	7.3	6
5	Design and Application of Cisplatin-Loaded Magnetic Nanoparticle Clusters for Smart Chemotherapy. ACS Applied Materials & Interfaces, 2019, 11, 1864-1875.	4.0	49
6	Nanoheterostructures (NHS) and Their Applications in Nanomedicine: Focusing on In Vivo Studies. Materials, 2019, 12, 139.	1.3	19
7	Luminescent Silica-Based Nanostructures from in Vivo Iridium-Doped Diatoms Microalgae. ACS Sustainable Chemistry and Engineering, 2019, 7, 2207-2215.	3.2	23
8	Low-defectiveness exfoliation of MoS2 nanoparticles and their embedment in hybrid light-emitting polymer nanofibers. Nanoscale, 2018, 10, 21748-21754.	2.8	16
9	Magnetic (Hyper)Thermia or Photothermia? Progressive Comparison of Iron Oxide and Gold Nanoparticles Heating in Water, in Cells, and In Vivo. Advanced Functional Materials, 2018, 28, 1803660.	7.8	187
10	Immune Profiling of Polysaccharide Submicron Vesicles. Biomacromolecules, 2018, 19, 3560-3571.	2.6	6
11	Maghemite Nanoparticles with Enhanced Magnetic Properties: One-Pot Preparation and Ultrastable Dextran Shell. ACS Applied Materials & Interfaces, 2018, 10, 20271-20280.	4.0	18
12	Hybrid polymeric-protein nano-carriers (HPPNC) for targeted delivery of TGF β 2 inhibitors to hepatocellular carcinoma cells. Journal of Materials Science: Materials in Medicine, 2017, 28, 120.	1.7	26
13	Forced and Self-Rotation of Magnetic Nanorods Assembly at the Cell Membrane: A Biomagnetic Torsion Pendulum. Small, 2017, 13, 1701274.	5.2	13
14	Microfluidics and BIO-encapsulation for drug- and cell-therapy. , 2017, , .		2
15	In Vitro Cytotoxicity of Halloysite Clay Nanotubes is Effectively Prevented by Surface Coating with PEG. , 2016, , .		1
16	Duality of Iron Oxide Nanoparticles in Cancer Therapy: Amplification of Heating Efficiency by Magnetic Hyperthermia and Photothermal Bimodal Treatment. ACS Nano, 2016, 10, 2436-2446.	7.3	651
17	Mesoscale Assemblies of Iron Oxide Nanocubes as Heat Mediators and Image Contrast Agents. Langmuir, 2015, 31, 808-816.	1.6	57
18	Combining Magnetic Hyperthermia and Photodynamic Therapy for Tumor Ablation with Photoresponsive Magnetic Liposomes. ACS Nano, 2015, 9, 2904-2916.	7.3	284

#	ARTICLE	IF	CITATIONS
19	Magnetic hyperthermia efficiency in the cellular environment for different nanoparticle designs. <i>Biomaterials</i> , 2014, 35, 6400-6411.	5.7	341
20	Heat-Generating Iron Oxide Nanocubes: Subtle Destructurators of the Tumoral Microenvironment. <i>ACS Nano</i> , 2014, 8, 4268-4283.	7.3	200
21	High-Resolution Cellular MRI: Gadolinium and Iron Oxide Nanoparticles for in-Depth Dual-Cell Imaging of Engineered Tissue Constructs. <i>ACS Nano</i> , 2013, 7, 7500-7512.	7.3	88
22	Cell-derived vesicles as a bioplatfrom for the encapsulation of theranostic nanomaterials. <i>Nanoscale</i> , 2013, 5, 11374.	2.8	84
23	Single electron tunneling in large scale nanojunction arrays with bisferrocene nanoparticle hybrids. <i>Nanoscale</i> , 2012, 4, 2311.	2.8	6
24	Ultra Magnetic Liposomes for MR Imaging, Targeting, and Hyperthermia. <i>Langmuir</i> , 2012, 28, 11834-11842.	1.6	177
25	Magnetophoresis at the nanoscale: tracking the magnetic targeting efficiency of nanovectors. <i>Nanomedicine</i> , 2012, 7, 1713-1727.	1.7	35
26	Magnetic Nanobeads Decorated with Silver Nanoparticles as Cytotoxic Agents and Photothermal Probes. <i>Small</i> , 2012, 8, 2731-2742.	5.2	58
27	Water-Soluble Iron Oxide Nanocubes with High Values of Specific Absorption Rate for Cancer Cell Hyperthermia Treatment. <i>ACS Nano</i> , 2012, 6, 3080-3091.	7.3	638
28	Superparamagnetic cellulose fiber networks via nanocomposite functionalization. <i>Journal of Materials Chemistry</i> , 2012, 22, 1662-1666.	6.7	39
29	Magnetic nanobeads decorated by thermo-responsive PNIPAM shell as medical platforms for the efficient delivery of doxorubicin to tumour cells. <i>Nanoscale</i> , 2011, 3, 619-629.	2.8	84
30	Water-Repellent Cellulose Fiber Networks with Multifunctional Properties. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 4024-4031.	4.0	103
31	Multifunctional Nanobeads Based on Quantum Dots and Magnetic Nanoparticles: Synthesis and Cancer Cell Targeting and Sorting. <i>ACS Nano</i> , 2011, 5, 1109-1121.	7.3	166
32	Rod-shaped nanostructures based on superparamagnetic nanocrystals as viscosity sensors in liquid. <i>Journal of Applied Physics</i> , 2011, 110, .	1.1	13
33	Multiple functionalization of fluorescent nanoparticles for specific biolabeling and drug delivery of dopamine. <i>Nanoscale</i> , 2011, 3, 5110.	2.8	39
34	Magnetic Nanocarriers with Tunable pH Dependence for Controlled Loading and Release of Cationic and Anionic Payloads. <i>Advanced Materials</i> , 2011, 23, 5645-5650.	11.1	46
35	From iron oxide nanoparticles towards advanced iron-based inorganic materials designed for biomedical applications. <i>Pharmacological Research</i> , 2010, 62, 126-143.	3.1	417
36	Acidic pH-Responsive Nanogels as Smart Cargo Systems for the Simultaneous Loading and Release of Short Oligonucleotides and Magnetic Nanoparticles. <i>Langmuir</i> , 2010, 26, 10315-10324.	1.6	54

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37	Magnetic-Fluorescent Colloidal Nanobeads: Preparation and Exploitation in Cell Separation Experiments. <i>Macromolecular Bioscience</i> , 2009, 9, 952-958.	2.1	66
38	One-Pot Synthesis and Characterization of Size-Controlled Bimagnetic FePt-Iron Oxide Heterodimer Nanocrystals. <i>Journal of the American Chemical Society</i> , 2008, 130, 1477-1487.	6.6	179
39	Water solubilization of hydrophobic nanocrystals by means of poly(maleic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 Td (anhy	6.7	133
40	Multifunctional Nanostructures Based on Inorganic Nanoparticles and Oligothiophenes and Their Exploitation for Cellular Studies. <i>Journal of the American Chemical Society</i> , 2008, 130, 10545-10555.	6.6	98
41	Fluorescent-Magnetic Hybrid Nanostructures: Preparation, Properties, and Applications in Biology. <i>IEEE Transactions on Nanobioscience</i> , 2007, 6, 298-308.	2.2	96