

Enza Torino

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,131
citations

430874

18
h-index

395702

33
g-index

40
all docs

40
docs citations

40
times ranked

1285
citing authors

#	ARTICLE	IF	CITATIONS
1	coupled Hydrodynamic Flow Focusing (cHFF) to Engineer Lipid-Polymer Nanoparticles (LiPoNs) for Multimodal Imaging and Theranostic Applications. <i>Biomedicines</i> , 2022, 10, 438.	3.2	10
2	Theranostic Design of Angiopep-2 Conjugated Hyaluronic Acid Nanoparticles (Thera-ANG-cHANPs) for Dual Targeting and Boosted Imaging of Glioma Cells. <i>Cancers</i> , 2021, 13, 503.	3.7	29
3	Antifouling Strategies of Nanoparticles for Diagnostic and Therapeutic Application: A Systematic Review of the Literature. <i>Nanomaterials</i> , 2021, 11, 780.	4.1	25
4	Targeting Nanostrategies for Imaging of Atherosclerosis. <i>Contrast Media and Molecular Imaging</i> , 2021, 2021, 1-10.	0.8	11
5	A High Throughput Approach Based on Dynamic High Pressure for the Encapsulation of Active Compounds in Exosomes for Precision Medicine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9896.	4.1	6
6	Tuning of Hydrogel Architectures by Ionotropic Gelation in Microfluidics: Beyond Batch Processing to Multimodal Diagnostics. <i>Biomedicines</i> , 2021, 9, 1551.	3.2	4
7	Radiolabeled PET/MRI Nanoparticles for Tumor Imaging. <i>Journal of Clinical Medicine</i> , 2020, 9, 89.	2.4	58
8	New Strategies in the Design of Paramagnetic CAs. <i>Contrast Media and Molecular Imaging</i> , 2020, 2020, 1-10.	0.8	12
9	Exosomes in Gliomas: Biogenesis, Isolation, and Preliminary Applications in Nanomedicine. <i>Pharmaceuticals</i> , 2020, 13, 319.	3.8	20
10	Glycosaminoglycans and Contrast Agents: The Role of Hyaluronic Acid as MRI Contrast Enhancer. <i>Biomolecules</i> , 2020, 10, 1612.	4.0	12
11	Biocompatible superparamagnetic core-shell nanoparticles for potential use in hyperthermia-enabled drug release and as an enhanced contrast agent. <i>Nanotechnology</i> , 2020, 31, 375102.	2.6	39
12	Unveiling antimicrobial and anticancerous behavior of AuNPs and AgNPs moderated by rhizome extracts of <i>Curcuma longa</i> from diverse altitudes of Himalaya. <i>Scientific Reports</i> , 2020, 10, 10934.	3.3	19
13	A Microfluidic Platform to design Multimodal PEG - crosslinked Hyaluronic Acid Nanoparticles (PEG-cHANPs) for diagnostic applications. <i>Scientific Reports</i> , 2020, 10, 6028.	3.3	18
14	Effect of crosslinking agent to design nanostructured hyaluronic acid-based hydrogels with improved relaxometric properties. <i>Carbohydrate Polymers</i> , 2019, 222, 114991.	10.2	11
15	Water-Mediated Nanostructures for Enhanced MRI: Impact of Water Dynamics on Relaxometric Properties of Gd-DTPA. <i>Theranostics</i> , 2019, 9, 1809-1824.	10.0	21
16	Lab-on-a-chip preparation routes for organic nanomaterials for drug delivery. , 2019, , 137-153.		1
17	Confinement of a polymer chain: An entropic study by Monte Carlo method. <i>AIChE Journal</i> , 2018, 64, 416-426.	3.6	4
18	Emerging use of nanoparticles in diagnosis of atherosclerosis disease: A review. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	6

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19	Multimodal imaging for a theranostic approach in a murine model of B-cell lymphoma with engineered nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 483-491.	3.3	11
20	Hybrid Core-Shell (HyCoS) Nanoparticles produced by Complex Coacervation for Multimodal Applications. <i>Scientific Reports</i> , 2017, 7, 45121.	3.3	26
21	Commentary on "A Microfluidic Platform to Design Crosslinked Hyaluronic Acid Nanoparticles (cHANPs) for Enhanced MRI". <i>Molecular Imaging</i> , 2017, 16, 153601211770623.	1.4	10
22	PEGylated crosslinked hyaluronic acid nanoparticles designed through a microfluidic platform for nanomedicine. <i>Nanomedicine</i> , 2017, 12, 2211-2222.	3.3	16
23	Hydrodenticity to enhance relaxivity of gadolinium-DTPA within crosslinked hyaluronic acid nanoparticles. <i>Nanomedicine</i> , 2017, 12, 2199-2210.	3.3	21
24	Hybrid core shell nanoparticles entrapping Gd-DTPA and ¹⁸ F-FDG for simultaneous PET/MRI acquisitions. <i>Nanomedicine</i> , 2017, 12, 2223-2231.	3.3	26
25	A Microfluidic Platform to design crosslinked Hyaluronic Acid Nanoparticles (cHANPs) for enhanced MRI. <i>Scientific Reports</i> , 2016, 6, 37906.	3.3	56
26	Synthesis of semicrystalline nanocapsular structures obtained by Thermally Induced Phase Separation in nanoconfinement. <i>Scientific Reports</i> , 2016, 6, 32727.	3.3	21
27	Well-defined quantum dots and broadening of optical phonon line from hydrothermal method. <i>RSC Advances</i> , 2016, 6, 102010-102014.	3.6	8
28	Impact of biopolymer matrices on relaxometric properties of contrast agents. <i>Interface Focus</i> , 2016, 6, 20160061.	3.0	22
29	Experimental Investigation and Thermodynamic Assessment of Phase Equilibria in the PLLA/Dioxane/Water Ternary System for Applications in the Biomedical Field. <i>Langmuir</i> , 2015, 31, 13003-13010.	3.5	6
30	Design and optimization of polymer nanoshuttles for nanomedicine. , 2015, , .		1
31	Head and Neck Veins of the Mouse. A Magnetic Resonance, Micro Computed Tomography and High Frequency Color Doppler Ultrasound Study. <i>PLoS ONE</i> , 2015, 10, e0129912.	2.5	21
32	Analysis of the supercritical antisolvent mechanisms governing particles precipitation and morphology by in situ laser scattering techniques. <i>Chemical Engineering Journal</i> , 2011, 173, 258-258.	12.7	26
33	Imaging the supersaturation in high-pressure systems for particle generation. <i>Chemical Engineering Journal</i> , 2011, 168, 896-902.	12.7	15
34	Carbon dioxide/water, water/carbon dioxide emulsions and double emulsions stabilized with a nonionic biocompatible surfactant. <i>Journal of Colloid and Interface Science</i> , 2010, 348, 469-478.	9.4	35
35	Production of metal oxide nanoparticles by supercritical emulsion reaction. <i>Journal of Supercritical Fluids</i> , 2010, 53, 95-101.	3.2	12
36	Organic nanoparticles recovery in supercritical antisolvent precipitation. <i>Journal of Supercritical Fluids</i> , 2010, 55, 300-306.	3.2	43

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37	Interactions of phase equilibria, jet fluid dynamics and mass transfer during supercritical antisolvent micronization. <i>Chemical Engineering Journal</i> , 2010, 156, 446-458.	12.7	131
38	Morphology and Stability of CO ₂ -in-Water Foams with Nonionic Hydrocarbon Surfactants. <i>Langmuir</i> , 2010, 26, 5335-5348.	3.5	128
39	Nanoparticles production by supercritical antisolvent precipitation: A general interpretation. <i>Journal of Supercritical Fluids</i> , 2007, 43, 126-138.	3.2	190