Enza Torino

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6656726/publications.pdf

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	Nanoparticles production by supercritical antisolvent precipitation: A general interpretation. Journal of Supercritical Fluids, 2007, 43, 126-138.	3.2	190
2	Interactions of phase equilibria, jet fluid dynamics and mass transfer during supercritical antisolvent micronization. Chemical Engineering Journal, 2010, 156, 446-458.	12.7	131
3	Morphology and Stability of CO₂-in-Water Foams with Nonionic Hydrocarbon Surfactants. Langmuir, 2010, 26, 5335-5348.	3.5	128
4	Radiolabeled PET/MRI Nanoparticles for Tumor Imaging. Journal of Clinical Medicine, 2020, 9, 89.	2.4	58
5	A Microfluidic Platform to design crosslinked Hyaluronic Acid Nanoparticles (cHANPs) for enhanced MRI. Scientific Reports, 2016, 6, 37906.	3.3	56
6	Organic nanoparticles recovery in supercritical antisolvent precipitation. Journal of Supercritical Fluids, 2010, 55, 300-306.	3.2	43
7	Biocompatible superparamagnetic core-shell nanoparticles for potential use in hyperthermia-enabled drug release and as an enhanced contrast agent. Nanotechnology, 2020, 31, 375102.	2.6	39
8	Carbon dioxide/water, water/carbon dioxide emulsions and double emulsions stabilized with a nonionic biocompatible surfactant. Journal of Colloid and Interface Science, 2010, 348, 469-478.	9.4	35
9	Theranostic Design of Angiopep-2 Conjugated Hyaluronic Acid Nanoparticles (Thera-ANG-cHANPs) for Dual Targeting and Boosted Imaging of Glioma Cells. Cancers, 2021, 13, 503.	3.7	29
10	Analysis of the supercritical antisolvent mechanisms governing particles precipitation and morphology by in situ laser scattering techniques. Chemical Engineering Journal, 2011, 173, 258-258.	12.7	26
11	Hybrid Core-Shell (HyCoS) Nanoparticles produced by Complex Coacervation for Multimodal Applications. Scientific Reports, 2017, 7, 45121.	3.3	26
12	Hybrid core shell nanoparticles entrapping Gd-DTPA and ¹⁸F-FDG for simultaneous PET/MRI acquisitions. Nanomedicine, 2017, 12, 2223-2231.	3.3	26
13	Antifouling Strategies of Nanoparticles for Diagnostic and Therapeutic Application: A Systematic Review of the Literature. Nanomaterials, 2021, 11, 780.	4.1	25
14	Impact of biopolymer matrices on relaxometric properties of contrast agents. Interface Focus, 2016, 6, 20160061.	3.0	22
15	Synthesis of semicrystalline nanocapsular structures obtained by Thermally Induced Phase Separation in nanoconfinement. Scientific Reports, 2016, 6, 32727.	3.3	21
16	Hydrodenticity to enhance relaxivity of gadolinium-DTPA within crosslinked hyaluronic acid nanoparticles. Nanomedicine, 2017, 12, 2199-2210.	3.3	21
17	Water-Mediated Nanostructures for Enhanced MRI: Impact of Water Dynamics on Relaxometric Properties of Gd-DTPA. Theranostics, 2019, 9, 1809-1824.	10.0	21
18	Head and Neck Veins of the Mouse. A Magnetic Resonance, Micro Computed Tomography and High Frequency Color Doppler Ultrasound Study. PLoS ONE, 2015, 10, e0129912.	2.5	21

#	Article	IF	Citations
19	Exosomes in Gliomas: Biogenesis, Isolation, and Preliminary Applications in Nanomedicine. Pharmaceuticals, 2020, 13, 319.	3.8	20
20	Unveiling antimicrobial and anticancerous behavior of AuNPs and AgNPs moderated by rhizome extracts of Curcuma longa from diverse altitudes of Himalaya. Scientific Reports, 2020, 10, 10934.	3.3	19
21	A Microfluidic Platform to design Multimodal PEG - crosslinked Hyaluronic Acid Nanoparticles (PEG-cHANPs) for diagnostic applications. Scientific Reports, 2020, 10, 6028.	3.3	18
22	PEGylated crosslinked hyaluronic acid nanoparticles designed through a microfluidic platform for nanomedicine. Nanomedicine, 2017, 12, 2211-2222.	3.3	16
23	Imaging the supersaturation in high-pressure systems for particle generation. Chemical Engineering Journal, 2011, 168, 896-902.	12.7	15
24	Production of metal oxide nanoparticles by supercritical emulsion reaction. Journal of Supercritical Fluids, 2010, 53, 95-101.	3.2	12
25	New Strategies in the Design of Paramagnetic CAs. Contrast Media and Molecular Imaging, 2020, 2020, 1-10.	0.8	12
26	Glycosaminoglycans and Contrast Agents: The Role of Hyaluronic Acid as MRI Contrast Enhancer. Biomolecules, 2020, 10, 1612.	4.0	12
27	Effect of crosslinking agent to design nanostructured hyaluronic acid-based hydrogels with improved relaxometric properties. Carbohydrate Polymers, 2019, 222, 114991.	10.2	11
28	Targeting Nanostrategies for Imaging of Atherosclerosis. Contrast Media and Molecular Imaging, 2021, 2021, 1-10.	0.8	11
29	Multimodal imaging for a theranostic approach in a murine model of B-cell lymphoma with engineered nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 483-491.	3.3	11
30	Commentary on â€œA Microfluidic Platform to Design Crosslinked Hyaluronic Acid Nanoparticles (cHANPs) for Enhanced MRIâ€• Molecular Imaging, 2017, 16, 153601211770623.	1.4	10
31	coupled Hydrodynamic Flow Focusing (cHFF) to Engineer Lipidâ€“Polymer Nanoparticles (LiPoNs) for Multimodal Imaging and Theranostic Applications. Biomedicines, 2022, 10, 438.	3.2	10
32	Well-defined quantum dots and broadening of optical phonon line from hydrothermal method. RSC Advances, 2016, 6, 102010-102014.	3.6	8
33	Experimental Investigation and Thermodynamic Assessment of Phase Equilibria in the PLLA/Dioxane/Water Ternary System for Applications in the Biomedical Field. Langmuir, 2015, 31, 13003-13010.	3.5	6
34	Emerging use of nanoparticles in diagnosis of atherosclerosis disease: A review. AIP Conference Proceedings, 2018, , .	0.4	6
35	A High Throughput Approach Based on Dynamic High Pressure for the Encapsulation of Active Compounds in Exosomes for Precision Medicine. International Journal of Molecular Sciences, 2021, 22, 9896.	4.1	6
36	Confinement of a polymer chain: An entropic study by Monte Carlo method. AICHE Journal, 2018, 64, 416-426.	3.6	4

#	Article	IF	Citations
37	Tuning of Hydrogel Architectures by Ionotropic Gelation in Microfluidics: Beyond Batch Processing to Multimodal Diagnostics. Biomedicines, 2021, 9, 1551.	3.2	4
38	Design and optimization of polymer nanoshuttles for nanomedicine. , 2015, , .		1
39	Lab-on-a-chip preparation routes for organic nanomaterials for drug delivery. , 2019, , 137-153.		1