Alessandra Zizzari

List of Publications by Year
in descending order

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22 papers	399 citations	759233 12 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	628 citing authors

#	Article	IF	Citations
1	Environmentally Friendly Method of Assembly of Cardanol and Cholesterol into Nanostructures Using a Continuous Flow Microfluidic Device. ACS Sustainable Chemistry and Engineering, 2022, 10, 8484-8494.	6.7	3
2	Random Laser Spectral Fingerprinting of Lithographed Microstructures. Advanced Materials Technologies, 2021, 6, 2001037.	5.8	8
3	Continuous flow scalable production of injectable size-monodisperse nanoliposomes in easy-fabrication milli-fluidic reactors. Chemical Engineering Science, 2021, 235, 116481.	3.8	7
4	Potential of CO2-laser processing of quartz for fast prototyping of microfluidic reactors and templates for 3D cell assembly over large scale. Materials Today Bio, 2021, 12, 100163.	5.5	9
5	Mixing enhancement induced by viscoelastic micromotors in microfluidic platforms. Chemical Engineering Journal, 2020, 391, 123572.	12.7	15
6	Analogy between periodic patterns in thin smectic liquid crystal films and the intermediate state of superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17643-17649.	7.1	15
7	Integrated microfluidic viscometer for edible oil analysis. Sensors and Actuators B: Chemical, 2018, 265, 91-97.	7.8	9
8	Ultrastrong Plasmonâ€“Exciton Coupling by Dynamic Molecular Aggregation. ACS Photonics, 2018, 5, 143-150.	6.6	48
9	Highly Sensitive Membrane-Based Pressure Sensors (MePS) for Real-Time Monitoring of Catalytic Reactions. Analytical Chemistry, 2018, 90, 7659-7665.	6.5	7
10	An SPR based immunoassay for the sensitive detection of the soluble epithelial marker E-cadherin. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 1963-1971.	3.3	15
11	Self-powered catalytic microfluidic platforms for fluid delivery. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 257-262.	4.7	3
12	Continuous-Flow Production of Injectable Liposomes via a Microfluidic Approach. Materials, 2017, 10, 1411.	2.9	42
13	Fast and safe microwave-assisted glass channel-shaped microstructure fabrication. Lab on A Chip, 2015, 15, 2395-2399.	6.0	12
14	One step preparation of quantum dot-embedded lipid nanovesicles by a microfluidic device. RSC Advances, 2015, 5, 98576-98582.	3.6	9
15	Catalytic Selfâ€Propulsion of Supramolecular Capsules Powered by Polyoxometalate Cargos. Chemistry - A European Journal, 2014, 20, 10910-10914.	3.3	45
16	Catalytic oxygen production mediated by smart capsules to modulate elastic turbulence under a laminar flow regime. Lab on A Chip, 2014, 14, 4391-4397.	6.0	13
17	Radiochemistry on chip: towards dose-on-demand synthesis of PET radiopharmaceuticals. Lab on A Chip, 2013, 13, 2328.	6.0	58
18	Hydrophobin: fluorosurfactant-like properties without fluorine. Soft Matter, 2013, 9, 6505.	2.7	24

#	Article	IF	Citations
19	Solâ€“Gel Catalysts as an Efficient Tool for the Kumada-Corriu Reaction in Continuous Flow. Science of Advanced Materials, 2013, 5, 475-483.	0.7	7
20	Fluoropolymers coatings on polydimethylsiloxane for retarding swelling in toluene. Thin Solid Films, 2012, 520, 2293-2300.	1.8	22
21	Radioactivity resistance evaluation of polymeric materials for application in radiopharmaceutical production at microscale. Microfluidics and Nanofluidics, 2011, 11, 35-44.	2.2	16
22	Fabrication of SU-8 microreactors for radiopharmaceutical production. Microelectronic Engineering, 2011, 88, 1664-1667.	2.4	12