

Lorenzo Capretto

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,010
citations

623734

14
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1736
citing authors

#	ARTICLE	IF	CITATIONS
1	Micromixing Within Microfluidic Devices. Topics in Current Chemistry, 2011, 304, 27-68.	4.0	292
2	Microfluidic and lab-on-a-chip preparation routes for organic nanoparticles and vesicular systems for nanomedicine applications. Advanced Drug Delivery Reviews, 2013, 65, 1496-1532.	13.7	196
3	Effect of the gelation process on the production of alginate microbeads by microfluidic chip technology. Lab on A Chip, 2008, 8, 617.	6.0	90
4	Preparation of cell-encapsulation devices in confined microenvironment. Advanced Drug Delivery Reviews, 2013, 65, 1533-1555.	13.7	60
5	Contrast agent-free sonoporation: The use of an ultrasonic standing wave microfluidic system for the delivery of pharmaceutical agents. Biomicrofluidics, 2011, 5, 44108-4410815.	2.4	53
6	Mechanism of co-nanoprecipitation of organic actives and block copolymers in a microfluidic environment. Nanotechnology, 2012, 23, 375602.	2.6	50
7	Optimised production of multifunctional microfibres by microfluidic chip technology for tissue engineering applications. Lab on A Chip, 2011, 11, 1776.	6.0	42
8	Continuous-flow production of polymeric micelles in microreactors: Experimental and computational analysis. Journal of Colloid and Interface Science, 2011, 357, 243-251.	9.4	39
9	Facile and cost-effective production of microscale PDMS architectures using a combined micromilling-replica moulding ($\frac{1}{4}$ Mi-REM) technique. Biomedical Microdevices, 2016, 18, 4.	2.8	36
10	Life under flow: A novel microfluidic device for the assessment of anti-biofilm technologies. Biomicrofluidics, 2013, 7, 64118.	2.4	31
11	A microfluidic device for the characterisation of embolisation with polyvinyl alcohol beads through biomimetic bifurcations. Biomedical Microdevices, 2012, 14, 153-163.	2.8	23
12	Microfluidics-based continuous flow formation of triangular silver nanoprisms with tuneable surface plasmon resonance. Journal of Materials Chemistry C, 2013, 1, 7540.	5.5	23
13	Design, production and optimization of solid lipid microparticles (SLM) by a coaxial microfluidic device. Journal of Controlled Release, 2012, 160, 409-417.	9.9	22
14	Mithramycin encapsulated in polymeric micelles by microfluidic technology as novel therapeutic protocol for beta-thalassemia. International Journal of Nanomedicine, 2012, 7, 307.	6.7	20
15	<i>In situ</i> microspectroscopic monitoring within a microfluidic reactor. RSC Advances, 2014, 4, 14569-14572.	3.6	9
16	Spatiotemporal dynamics of doxorubicin elution from embolic beads within a microfluidic network. Journal of Controlled Release, 2015, 214, 62-75.	9.9	9
17	A Microfluidic-Based Arteriolar Network Model for Biophysical and Bioanalytical Investigations. Current Analytical Chemistry, 2013, 9, 47-59.	1.2	8
18	Microfluidic reactors for controlled synthesis of polymeric micelles. Journal of Controlled Release, 2010, 148, e25-e26.	9.9	6

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19	A Microfluidic-Based Arteriolar Network Model for Biophysical and Bioanalytical Investigations. Current Analytical Chemistry, 2012, 9, 47-59.	1.2	0