

Lorenzo Capretto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11298003/publications.pdf>

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 | Facile and cost-effective production of microscale PDMS architectures using a combined micromilling-replica moulding ($\frac{1}{4}$ Mi-REM) technique. <i>Biomedical Microdevices</i> , 2016, 18, 4. | 2.8 | 36 |
| 2 | Spatiotemporal dynamics of doxorubicin elution from embolic beads within a microfluidic network. <i>Journal of Controlled Release</i> , 2015, 214, 62-75. | 9.9 | 9 |
| 3 | <i>In situ</i> microspectroscopic monitoring within a microfluidic reactor. <i>RSC Advances</i> , 2014, 4, 14569-14572. | 3.6 | 9 |
| 4 | Microfluidic and lab-on-a-chip preparation routes for organic nanoparticles and vesicular systems for nanomedicine applications. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1496-1532. | 13.7 | 196 |
| 5 | Preparation of cell-encapsulation devices in confined microenvironment. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1533-1555. | 13.7 | 60 |
| 6 | Microfluidics-based continuous flow formation of triangular silver nanoprisms with tuneable surface plasmon resonance. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7540. | 5.5 | 23 |
| 7 | Life under flow: A novel microfluidic device for the assessment of anti-biofilm technologies. <i>Biomicrofluidics</i> , 2013, 7, 64118. | 2.4 | 31 |
| 8 | A Microfluidic-Based Arteriolar Network Model for Biophysical and Bioanalytical Investigations. <i>Current Analytical Chemistry</i> , 2013, 9, 47-59. | 1.2 | 8 |
| 9 | Mechanism of co-nanoprecipitation of organic actives and block copolymers in a microfluidic environment. <i>Nanotechnology</i> , 2012, 23, 375602. | 2.6 | 50 |
| 10 | Mithramycin encapsulated in polymeric micelles by microfluidic technology as novel therapeutic protocol for beta-thalassemia. <i>International Journal of Nanomedicine</i> , 2012, 7, 307. | 6.7 | 20 |
| 11 | Design, production and optimization of solid lipid microparticles (SLM) by a coaxial microfluidic device. <i>Journal of Controlled Release</i> , 2012, 160, 409-417. | 9.9 | 22 |
| 12 | A microfluidic device for the characterisation of embolisation with polyvinyl alcohol beads through biomimetic bifurcations. <i>Biomedical Microdevices</i> , 2012, 14, 153-163. | 2.8 | 23 |
| 13 | A Microfluidic-Based Arteriolar Network Model for Biophysical and Bioanalytical Investigations. <i>Current Analytical Chemistry</i> , 2012, 9, 47-59. | 1.2 | 0 |
| 14 | Micromixing Within Microfluidic Devices. <i>Topics in Current Chemistry</i> , 2011, 304, 27-68. | 4.0 | 292 |
| 15 | Optimised production of multifunctional microfibres by microfluidic chip technology for tissue engineering applications. <i>Lab on A Chip</i> , 2011, 11, 1776. | 6.0 | 42 |
| 16 | Continuous-flow production of polymeric micelles in microreactors: Experimental and computational analysis. <i>Journal of Colloid and Interface Science</i> , 2011, 357, 243-251. | 9.4 | 39 |
| 17 | Contrast agent-free sonoporation: The use of an ultrasonic standing wave microfluidic system for the delivery of pharmaceutical agents. <i>Biomicrofluidics</i> , 2011, 5, 44108-4410815. | 2.4 | 53 |
| 18 | Microfluidic reactors for controlled synthesis of polymeric micelles. <i>Journal of Controlled Release</i> , 2010, 148, e25-e26. | 9.9 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |