

Rahul Karyappa

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

545
citations

1039406

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1125271

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docs citations

13
times ranked

533
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 3D food printing of fresh vegetables using food hydrocolloids for dysphagic patients. Food Hydrocolloids, 2021, 114, 106546. | 5.6 | 167 |
| 2 | Breakup of a conducting drop in a uniform electric field. Journal of Fluid Mechanics, 2014, 754, 550-589. | 1.4 | 91 |
| 3 | Fabrication of integrated microfluidic devices by direct ink writing (DIW) 3D printing. Sensors and Actuators B: Chemical, 2019, 297, 126609. | 4.0 | 71 |
| 4 | Chocolate-based Ink Three-dimensional Printing (Ci3DP). Scientific Reports, 2019, 9, 14178. | 1.6 | 70 |
| 5 | 3D printing of milk-based product. RSC Advances, 2020, 10, 29821-29828. | 1.7 | 34 |
| 6 | Immersion precipitation 3D printing (iip3DP). Materials Horizons, 2019, 6, 1834-1844. | 6.4 | 31 |
| 7 | Electroemulsification in a Uniform Electric Field. Langmuir, 2016, 32, 46-54. | 1.6 | 25 |
| 8 | Embedded Ink Writing (EIW) of Polysiloxane Inks. ACS Applied Materials & Interfaces, 2020, 12, 23565-23575. | 4.0 | 20 |
| 9 | Freeform Polymer Precipitation in Microparticulate Gels. ACS Applied Polymer Materials, 2021, 3, 908-919. | 2.0 | 12 |
| 10 | Electric-Field-Assisted Formation of Nonspherical Microcapsules. Langmuir, 2014, 30, 10270-10279. | 1.6 | 8 |
| 11 | ECM-based microfluidic gradient generator for tunable surface environment by interstitial flow. Biomicrofluidics, 2020, 14, 044106. | 1.2 | 8 |
| 12 | Electrohydrodynamics of Vesicles and Capsules. Langmuir, 2020, 36, 4863-4886. | 1.6 | 7 |
| 13 | Molecular simulations of the conformational properties of atactic poly(ϵ -ethylbutyl methacrylate). Journal of Applied Polymer Science, 2012, 125, 1586-1591. | 1.3 | 1 |