

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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h-index

1125271

13
g-index

13
all docs

13
docs citations

13
times ranked

533
citing authors

#	ARTICLE	IF	CITATIONS
1	3D food printing of fresh vegetables using food hydrocolloids for dysphagic patients. <i>Food Hydrocolloids</i> , 2021, 114, 106546.	5.6	167
2	Freeform Polymer Precipitation in Microparticulate Gels. <i>ACS Applied Polymer Materials</i> , 2021, 3, 908-919.	2.0	12
3	ECM-based microfluidic gradient generator for tunable surface environment by interstitial flow. <i>Biomicrofluidics</i> , 2020, 14, 044106.	1.2	8
4	3D printing of milk-based product. <i>RSC Advances</i> , 2020, 10, 29821-29828.	1.7	34
5	Electrohydrodynamics of Vesicles and Capsules. <i>Langmuir</i> , 2020, 36, 4863-4886.	1.6	7
6	Embedded Ink Writing (EIW) of Polysiloxane Inks. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23565-23575.	4.0	20
7	Fabrication of integrated microfluidic devices by direct ink writing (DIW) 3D printing. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126609.	4.0	71
8	Immersion precipitation 3D printing (i3DP). <i>Materials Horizons</i> , 2019, 6, 1834-1844.	6.4	31
9	Chocolate-based Ink Three-dimensional Printing (Ci3DP). <i>Scientific Reports</i> , 2019, 9, 14178.	1.6	70
10	Electroemulsification in a Uniform Electric Field. <i>Langmuir</i> , 2016, 32, 46-54.	1.6	25
11	Electric-Field-Assisted Formation of Nonspherical Microcapsules. <i>Langmuir</i> , 2014, 30, 10270-10279.	1.6	8
12	Breakup of a conducting drop in a uniform electric field. <i>Journal of Fluid Mechanics</i> , 2014, 754, 550-589.	1.4	91
13	Molecular simulations of the conformational properties of atactic poly(ϵ -ethylbutyl methacrylate). <i>Journal of Applied Polymer Science</i> , 2012, 125, 1586-1591.	1.3	1