

# Janine K Nunes

## List of Publications by Year in descending order

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31  
papers

993  
citations

516681

16  
h-index

454934

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1621  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shear-induced migration of confined flexible fibers. <i>Soft Matter</i> , 2022, 18, 514-525.	2.7	11
2	Buckling of elastic fibers in a shear flow. <i>New Journal of Physics</i> , 2022, 24, 013013.	2.9	3
3	Inexpensive Multipatient Respiratory Monitoring System for Helmet Ventilation During COVID-19 Pandemic. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2022, 16, .	0.7	3
4	Electrostatic wrapping of a microfiber around a curved particle. <i>Soft Matter</i> , 2021, 17, 3609-3618.	2.7	6
5	Quantifying the effect of a mask on expiratory flows. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	13
6	Self-Propelled Supracolloidal Fibers from Multifunctional Polymer Surfactants and Droplets. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000334.	3.9	6
7	Regime Map and Triple Point in Selective Withdrawal. <i>Physical Review Letters</i> , 2020, 125, 264502.	7.8	4
8	Representative subsampling of sedimenting blood. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2019, 475, 20190223.	2.1	3
9	Design Of An Optofluidic Device For The Measurement Of The Elastic Modulus Of Deformable Particles. <i>EPJ Web of Conferences</i> , 2019, 215, 14003.	0.3	0
10	Design of a microfluidic device for the measurement of the elastic modulus of deformable particles. <i>Soft Matter</i> , 2019, 15, 880-889.	2.7	14
11	Controlled generation of spiky microparticles by ionic cross-linking within an aqueous two-phase system. <i>Soft Matter</i> , 2019, 15, 3301-3306.	2.7	15
12	A quantitative study of the effect of flow on the photopolymerization of fibers. <i>Soft Matter</i> , 2019, 15, 9553-9564.	2.7	3
13	Controlling capillary fingering using pore size gradients in disordered media. <i>Physical Review Fluids</i> , 2019, 4, .	2.5	26
14	Microfluidic fabrication of ceramic microspheres with controlled morphologies. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3787-3796.	3.8	14
15	Flow-induced gelation of microfiber suspensions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8557-E8564.	7.1	52
16	Laboratory layered latte. <i>Nature Communications</i> , 2017, 8, 1960.	12.8	20
17	Droplet Micro-Reactor for Internal Gelation to Fabricate ZrO <sub>2</sub> Ceramic Microspheres. <i>Journal of the American Ceramic Society</i> , 2017, 100, 41-48.	3.8	22
18	A Scalable Platform for Functional Nanomaterials via Bubble-Bursting. <i>Advanced Materials</i> , 2016, 28, 4047-4052.	21.0	19

#	ARTICLE	IF	CITATIONS
19	Effect of the Polydispersity of a Colloidal Drop on Drying Induced Stress as Measured by the Buckling of a Floating Sheet. <i>Physical Review Letters</i> , 2016, 116, 238001.	7.8	12
20	Deposition of Quantum Dots in a Capillary Tube. <i>Langmuir</i> , 2015, 31, 12560-12566.	3.5	18
21	Multicompartment microfibers: fabrication and selective dissolution of composite droplet-in-fiber structures. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7866-7871.	5.8	22
22	Fabricating Shaped Microfibers with Inertial Microfluidics. <i>Advanced Materials</i> , 2014, 26, 3712-3717.	21.0	57
23	Generation of Antibubbles from Core-Shell Double Emulsion Templates Produced by Microfluidics. <i>Langmuir</i> , 2013, 29, 8782-8787.	3.5	24
24	Microfluidic tailoring of the two-dimensional morphology of crimped microfibers. <i>Soft Matter</i> , 2013, 9, 4227.	2.7	43
25	Control of the length of microfibers. <i>Lab on A Chip</i> , 2012, 12, 2301.	6.0	35
26	Scalable, Shape-Specific, Top-Down Fabrication Methods for the Synthesis of Engineered Colloidal Particles. <i>Langmuir</i> , 2010, 26, 13086-13096.	3.5	202
27	Multifunctional Shape and Size Specific Magneto-Polymer Composite Particles. <i>Nano Letters</i> , 2010, 10, 1113-1119.	9.1	67
28	Hierarchical Control of Polymer Composite Nano- and Micro-Structure with Lithography. <i>Chemistry of Materials</i> , 2010, 22, 4069-4075.	6.7	6
29	The Patterning of Sub-500 nm Inorganic Oxide Structures. <i>Advanced Materials</i> , 2008, 20, 2667-2673.	21.0	97
30	Electrically Driven Alignment and Crystallization of Unique Anisotropic Polymer Particles. <i>Langmuir</i> , 2008, 24, 8421-8426.	3.5	61
31	Colloidal Crystallization and Banding in a Cylindrical Geometry. <i>Journal of the American Chemical Society</i> , 2004, 126, 5978-5979.	13.7	112