

# Minseok Seo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11970712/publications.pdf>

Version: 2024-02-01

24  
papers

3,291  
citations

394286

19  
h-index

610775

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

3583  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of Monodisperse Particles by Using Microfluidics: Control over Size, Shape, and Composition. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 724-728.	7.2	700
2	Janus and Ternary Particles Generated by Microfluidic Synthesis: Design, Synthesis, and Self-Assembly. <i>Journal of the American Chemical Society</i> , 2006, 128, 9408-9412.	6.6	692
3	Polymer Particles with Various Shapes and Morphologies Produced in Continuous Microfluidic Reactors. <i>Journal of the American Chemical Society</i> , 2005, 127, 8058-8063.	6.6	503
4	Continuous Microfluidic Reactors for Polymer Particles. <i>Langmuir</i> , 2005, 21, 11614-11622.	1.6	244
5	Microfluidic consecutive flow-focusing droplet generators. <i>Soft Matter</i> , 2007, 3, 986.	1.2	230
6	Microfluidic Assembly of Monodisperse, Nanoparticle-Incorporated Perfluorocarbon Microbubbles for Medical Imaging and Therapy. <i>Langmuir</i> , 2010, 26, 13855-13860.	1.6	104
7	Simultaneous generation of droplets with different dimensions in parallel integrated microfluidic droplet generators. <i>Soft Matter</i> , 2008, 4, 258-262.	1.2	93
8	Microfluidics: From Dynamic Lattices to Periodic Arrays of Polymer Disks. <i>Langmuir</i> , 2005, 21, 4773-4775.	1.6	81
9	Screening of the Effect of Surface Energy of Microchannels on Microfluidic Emulsification. <i>Langmuir</i> , 2007, 23, 8010-8014.	1.6	78
10	Generation of Monodisperse Particles by Using Microfluidics: Control over Size, Shape, and Composition. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3799-3799.	7.2	55
11	Optical studies of vaporization and stability of fluorescently labelled perfluorocarbon droplets. <i>Physics in Medicine and Biology</i> , 2012, 57, 7205-7217.	1.6	54
12	Silica-Coated Quantum Dots for Optical Evaluation of Perfluorocarbon Droplet Interactions with Cells. <i>Langmuir</i> , 2011, 27, 15024-15033.	1.6	45
13	Nanofibrillar Stimulus-Responsive Cholesteric Microgels with Catalytic Properties. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14014-14018.	7.2	35
14	3D-Printed Microfluidic Devices for Materials Science. <i>Advanced Materials Technologies</i> , 2018, 3, 1800068.	3.0	33
15	Intracellular Growth of Nanoscale Perfluorocarbon Droplets for Enhanced Ultrasound-Induced Phase-Change Conversion. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1799-1810.	0.7	28
16	Thermoplastic microfluidic devices for targeted chemical and biological applications. <i>RSC Advances</i> , 2017, 7, 2884-2889.	1.7	27
17	Monodisperse, Submicrometer Droplets via Condensation of Microfluidic-Generated Gas Bubbles. <i>Small</i> , 2012, 8, 2704-2714.	5.2	25
18	Size reduction of cosolvent-infused microbubbles to form acoustically responsive monodisperse perfluorocarbon nanodroplets. <i>Lab on A Chip</i> , 2015, 15, 3581-3590.	3.1	24

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19	Direct Incorporation of Lipophilic Nanoparticles into Monodisperse Perfluorocarbon Nanodroplets via Solvent Dissolution from Microfluidic-Generated Precursor Microdroplets. <i>Langmuir</i> , 2014, 30, 12465-12473.	1.6	17
20	18 F-Labeled perfluorocarbon droplets for positron emission tomography imaging. <i>Nuclear Medicine and Biology</i> , 2017, 54, 27-33.	0.3	12
21	Nanofibrillar Stimulus-Responsive Cholesteric Microgels with Catalytic Properties. <i>Angewandte Chemie</i> , 2016, 128, 14220-14224.	1.6	9
22	Response of adsorbed layers of hydroxypropyl cellulose to variations in ambient humidity. <i>Colloid and Polymer Science</i> , 2002, 280, 607-615.	1.0	5
23	Optical fluorescence studies of perfluorocarbon droplet vaporization. , 2011, , .		2
24	Diethyl ether as a drug-loading and sizereducing cosolvent to produce monodisperse, nanoscale perfluorocarbon agents. , 2015, , .		2