

# Seog-Jin Jeon

## List of Publications by Year in descending order

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29  
papers

1,985  
citations

394421

19  
h-index

526287

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2960  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape-Morphing Materials from Stimuli-Responsive Hydrogel Hybrids. <i>Accounts of Chemical Research</i> , 2017, 50, 161-169.	15.6	360
2	25th Anniversary Article: Ordered Polymer Structures for the Engineering of Photons and Phonons. <i>Advanced Materials</i> , 2014, 26, 532-569.	21.0	205
3	Cooperative Assembly of Block Copolymers with Deformable Interfaces: Toward Nanostructured Particles. <i>Advanced Materials</i> , 2008, 20, 4103-4108.	21.0	189
4	Optofluidic Assembly of Colloidal Photonic Crystals with Controlled Sizes, Shapes, and Structures. <i>Advanced Materials</i> , 2008, 20, 1649-1655.	21.0	154
5	Optofluidic Encapsulation of Crystalline Colloidal Arrays into Spherical Membrane. <i>Journal of the American Chemical Society</i> , 2008, 130, 6040-6046.	13.7	149
6	Full Color Tunable Photonic Crystal from Crystalline Colloidal Arrays with an Engineered Photonic Stopband. <i>Advanced Materials</i> , 2012, 24, 6438-6444.	21.0	147
7	Nanostructures Inside Colloidal Particles of Block Copolymer/Homopolymer Blends. <i>Macromolecules</i> , 2007, 40, 8430-8439.	4.8	120
8	Dynamic creation and evolution of gradient nanostructure in single-crystal metallic microcubes. <i>Science</i> , 2016, 354, 312-316.	12.6	95
9	Single-Step Fabrication of Monodisperse $\text{TiO}_2$ Hollow Spheres with Embedded Nanoparticles in Microfluidic Devices. <i>Chemistry of Materials</i> , 2009, 21, 201-203.	6.7	79
10	Particles with Coordinated Patches or Windows from Oil-in-Water Emulsions. <i>Chemistry of Materials</i> , 2007, 19, 3183-3193.	6.7	67
11	Generation of uniform photonic balls by template-assisted colloidal crystallization. <i>Synthetic Metals</i> , 2003, 139, 803-806.	3.9	58
12	Microspheres with Tunable Refractive Index by Controlled Assembly of Nanoparticles. <i>Advanced Materials</i> , 2008, 20, 3268-3273.	21.0	54
13	Reconfigurable Microscale Frameworks from Concatenated Helices with Controlled Chirality. <i>Advanced Materials</i> , 2017, 29, 1606111.	21.0	53
14	Hierarchically Structured Colloids of Diblock Copolymers and Au Nanoparticles. <i>Chemistry of Materials</i> , 2009, 21, 3739-3741.	6.7	49
15	Thermo-responsive Microcapsules with Tunable Molecular Permeability for Controlled Encapsulation and Release. <i>Advanced Functional Materials</i> , 2021, 31, 2100782.	14.9	37
16	Photocrosslinkable Nanocomposite Multilayers for Responsive 1D Photonic Crystals. <i>Advanced Functional Materials</i> , 2016, 26, 722-728.	14.9	34
17	Polyol synthesis of silver nanocubes via moderate control of the reaction atmosphere. <i>Journal of Colloid and Interface Science</i> , 2014, 435, 105-111.	9.4	25
18	Dynamic martensitic phase transformation in single-crystal silver microcubes. <i>Acta Materialia</i> , 2020, 182, 131-143.	7.9	24

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19	Microcapsules with Tailored Nanostructures by Microphase Separation of Block Copolymers. <i>Chemistry of Materials</i> , 2010, 22, 5593-5600.	6.7	21
20	Synthesis of Monodisperse Single Crystalline Ag Microcubes via Seed-Mediated Growth. <i>Crystal Growth and Design</i> , 2017, 17, 284-289.	3.0	17
21	Origins of size effects in initially dislocation-free single-crystal silver micro- and nanocubes. <i>Acta Materialia</i> , 2021, 214, 117020.	7.9	14
22	Simultaneous control of Gaussian curvature and buckling direction by swelling of asymmetric trilayer hydrogel hybrids. <i>Soft Matter</i> , 2020, 16, 688-694.	2.7	13
23	Reprogrammable Three-Dimensional Configurations Using Ionomer Bilayers. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2760-2767.	4.4	5
24	Synthesis of Single-Crystalline Ag Microcubes up to 5.0 $\mu\text{m}$ by the Multistage Seed Growth Method. <i>Crystal Growth and Design</i> , 2021, 21, 908-915.	3.0	4
25	Swelling and Deswelling Kinetics of Thermo-responsive Microcapsules with Ultrathin Membrane. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100538.	3.7	4
26	Digital light processing 3D printing of multi-materials with improved adhesion using resins containing low functional acrylates. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 451-459.	2.7	4
27	Synthesis of size-controlled Ag nanowires via a seed-mediated growth method. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 1251-1257.	2.7	3
28	Inside Front Cover: Optofluidic Assembly of Colloidal Photonic Crystals with Controlled Sizes, Shapes, and Structures ( <i>Adv. Mater.</i> 8/2008). <i>Advanced Materials</i> , 2008, 20, 1590-1590.	21.0	1
29	Enhancing response time of micro-patterned thermoresponsive hydrogels by incorporation of pores. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 645-651.	2.7	0