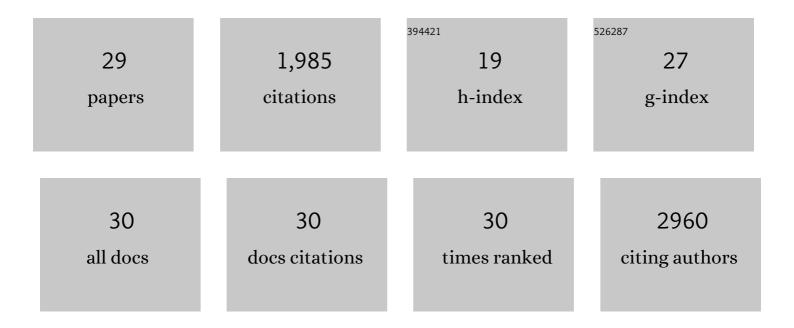
Seog-Jin Jeon

List of Publications by Year in descending order

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SEOC-LIN LEON

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

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