

Seog-Jin Jeon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4010584/publications.pdf>

Version: 2024-02-01

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	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
2	Synthesis of Single-Crystalline Ag Microcubes up to 5.0 μm by the Multistage Seed Growth Method. <i>Crystal Growth and Design</i> , 2021, 21, 908-915.	3.0	4
3	Enhancing response time of micro-patterned thermo-responsive hydrogels by incorporation of pores. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 645-651.	2.7	0
4	Thermo-responsive Microcapsules with Tunable Molecular Permeability for Controlled Encapsulation and Release. <i>Advanced Functional Materials</i> , 2021, 31, 2100782.	14.9	37
5	Origins of size effects in initially dislocation-free single-crystal silver micro- and nanocubes. <i>Acta Materialia</i> , 2021, 214, 117020.	7.9	14
6	Swelling and Deswelling Kinetics of Thermo-responsive Microcapsules with Ultrathin Membrane. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100538.	3.7	4
7	Dynamic martensitic phase transformation in single-crystal silver microcubes. <i>Acta Materialia</i> , 2020, 182, 131-143.	7.9	24
8	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
9	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
10	Reprogrammable Three-Dimensional Configurations Using Ionomer Bilayers. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2760-2767.	4.4	5
11	Reconfigurable Microscale Frameworks from Concatenated Helices with Controlled Chirality. <i>Advanced Materials</i> , 2017, 29, 1606111.	21.0	53
12	Shape-Morphing Materials from Stimuli-Responsive Hydrogel Hybrids. <i>Accounts of Chemical Research</i> , 2017, 50, 161-169.	15.6	360
13	Synthesis of Monodisperse Single Crystalline Ag Microcubes via Seed-Mediated Growth. <i>Crystal Growth and Design</i> , 2017, 17, 284-289.	3.0	17
14	Photocrosslinkable Nanocomposite Multilayers for Responsive 1D Photonic Crystals. <i>Advanced Functional Materials</i> , 2016, 26, 722-728.	14.9	34
15	Dynamic creation and evolution of gradient nanostructure in single-crystal metallic microcubes. <i>Science</i> , 2016, 354, 312-316.	12.6	95
16	25th Anniversary Article: Ordered Polymer Structures for the Engineering of Photons and Phonons. <i>Advanced Materials</i> , 2014, 26, 532-569.	21.0	205
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	Full Color Tunable Photonic Crystal from Crystalline Colloidal Arrays with an Engineered Photonic Stop-Band. <i>Advanced Materials</i> , 2012, 24, 6438-6444.	21.0	147

#	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	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
21	Hierarchically Structured Colloids of Diblock Copolymers and Au Nanoparticles. Chemistry of Materials, 2009, 21, 3739-3741.	6.7	49
22	Microspheres with Tunable Refractive Index by Controlled Assembly of Nanoparticles. Advanced Materials, 2008, 20, 3268-3273.	21.0	54
23	Optofluidic Assembly of Colloidal Photonic Crystals with Controlled Sizes, Shapes, and Structures. Advanced Materials, 2008, 20, 1649-1655.	21.0	154
24	Cooperative Assembly of Block Copolymers with Deformable Interfaces: Toward Nanostructured Particles. Advanced Materials, 2008, 20, 4103-4108.	21.0	189
25	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
26	Optofluidic Encapsulation of Crystalline Colloidal Arrays into Spherical Membrane. Journal of the American Chemical Society, 2008, 130, 6040-6046.	13.7	149
27	Particles with Coordinated Patches or Windows from Oil-in-Water Emulsions. Chemistry of Materials, 2007, 19, 3183-3193.	6.7	67
28	Nanostructures Inside Colloidal Particles of Block Copolymer/Homopolymer Blends. Macromolecules, 2007, 40, 8430-8439.	4.8	120
29	Generation of uniform photonic balls by template-assisted colloidal crystallization. Synthetic Metals, 2003, 139, 803-806.	3.9	58