Jun Hyuk Moon

List of Publications by Year
in descending order

145 papers	5,256 citations	93792 39 h-index	120465 65 g-index
151 all docs	151 docs citations	151 times ranked	9042 citing authors

#	Article	IF	Citations
1	Chargeâ€Transfer Effects of Organic Ligands on Energy Storage Performance of Oxide Nanoparticleâ€Based Electrodes. Advanced Functional Materials, 2022, 32, 2106438.	7.8	9
2	Consensus statement: Standardized reporting of power-producing luminescent solar concentrator performance. Joule, 2022, 6, 8-15.	11.7	66
3	Exploring the Janus structure to improve kinetics in sulfur conversion of Li-S batteries. Nano Energy, 2022, 95, 106980.	8.2	24
4	Balancing Electrolyte Donicity and Cathode Adsorption Capacity for Highâ€Performance Liï£¿S Batteries. Small, 2022, 18, e2201416.	5.2	5
5	Discovery of Dualâ€Functional Amorphous Titanium Suboxide to Promote Polysulfide Adsorption and Regulate Sulfide Growth in Liâ€“S Batteries. Advanced Science, 2022, 9, .	5.6	9
6	High-capacity sulfur copolymer cathode with metallic fibril-based current collector and conductive capping layer. Journal of Materials Chemistry A, 2021, 9, 2334-2344.	5.2	4
7	Solar Cell-Powered Electrochemical Methane-to-Methanol Conversion with CuO/CeO₂ Catalysts. ACS Energy Letters, 2021, 6, 893-899.	8.8	31
8	A Layerâ€byâ€Layer Assembly Route to Electroplated Fibrilâ€Based 3D Porous Current Collectors for Energy Storage Devices. Small, 2021, 17, e2007579.	5.2	13
9	Interplay between electrochemical reactions and mechanical responses in siliconâ€“graphite anodes and its impact on degradation. Nature Communications, 2021, 12, 2714.	5.8	51
10	Textileâ€Type Lithiumâ€Ion Battery Cathode Enabling High Specific/Areal Capacities and High Rate Capability through Ligand Replacement Reactionâ€Mediated Assembly. Advanced Energy Materials, 2021, 11, 2101631.	10.2	19
11	Controlled Assembly of Icosahedral Colloidal Clusters for Structural Coloration. Chemistry of Materials, 2020, 32, 9704-9712.	3.2	23
12	3D Bicontinuous Structure of a Pseudocapacitive Ultrathin Shell/Carbon Core: A Novel Electrode for Thin-Film Supercapacitors with High Areal Energy Density. ACS Sustainable Chemistry and Engineering, 2020, 8, 14711-14717.	3.2	10
13	Colloidal assembly in droplets: structures and optical properties. Nanoscale, 2020, 12, 18576-18594.	2.8	29
14	Unveiling the Effects of Nanostructures and Core Materials on Charge-Transport Dynamics in Heterojunction Electrodes for Photoelectrochemical Water Splitting. ACS Applied Materials & Interfaces, 2020, 12, 21894-21902.	4.0	9
15	Dual-Band Luminescent Solar Converter-Coupled Dye-Sensitized Solar Cells for High-Performance Semitransparent Photovoltaic Device. ACS Applied Energy Materials, 2020, 3, 5277-5284.	2.5	12
16	Photon upconversion-assisted dual-band luminescence solar concentrators coupled with perovskite solar cells for highly efficient semi-transparent photovoltaic systems. Nanoscale, 2020, 12, 12426-12431.	2.8	18
17	Polyhedral TiO2 particle-based cathode for Li-S batteries with high volumetric capacity and high performance in lean electrolyte. Chemical Engineering Journal, 2020, 399, 125670.	6.6	21
18	Microdomain sulfur-impregnated CeO2-coated CNT particles for high-performance Li-S batteries. Chemical Engineering Journal, 2020, 390, 124548.	6.6	23

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19	Dual-sensitized upconversion-assisted, triple-band absorbing luminescent solar concentrators. Nanoscale, 2020, 12, 17265-17271.	2.8	10
20	Complete encapsulation of sulfur through interfacial energy control of sulfur solutions for high-performance Liâ^'S batteries. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12686-12692.	3.3	80
21	Electrochemical CH4 oxidation into acids and ketones on ZrO2:NiCo2O4 quasi-solid solution nanowire catalyst. Applied Catalysis B: Environmental, 2019, 259, 118095.	10.8	39
22	Growth of BiVO₄ nanoparticles on a WO₃ porous scaffold: improved water-splitting by high band-edge light harvesting. Journal of Materials Chemistry A, 2019, 7, 4480-4485.	5.2	16
23	Geometric Effect of Grating-Patterned Electrode for High Conversion Efficiency of Dye-Sensitized Solar Cells. Multiscale Science and Engineering, 2019, 1, 161-166.	0.9	4
24	Polydopamine-wrapped, silicon nanoparticle-impregnated macroporous CNT particles: rational design of high-performance lithium-ion battery anodes. Chemical Communications, 2019, 55, 361-364.	2.2	27
25	Enhanced Photoelectrochemical Water Splitting through Bismuth Vanadate with a Photon Upconversion Luminescent Reflector. Angewandte Chemie - International Edition, 2019, 58, 6891-6895.	7.2	36
26	Enhanced Photoelectrochemical Water Splitting through Bismuth Vanadate with a Photon Upconversion Luminescent Reflector. Angewandte Chemie, 2019, 131, 6965-6969.	1.6	4
27	2D photonic crystal nanodisk array as electron transport layer for highly efficient perovskite solar cells. Nano Energy, 2019, 56, 365-372.	8.2	39
28	Spherical Macroporous Carbon Nanotube Particles with Ultrahigh Sulfur Loading for Lithiumâ€"Sulfur Battery Cathodes. ACS Nano, 2018, 12, 226-233.	7.3	269
29	Three-Dimensional Bicontinuous BiVO₄/ZnO Photoanodes for High Solar Water-Splitting Performance at Low Bias Potential. ACS Applied Materials & Interfaces, 2018, 10, 34238-34244.	4.0	35
30	Hierarchical Pore-Patterned Carbon Electrodes for High-Volumetric Energy Density Micro-Supercapacitors. ACS Applied Materials & Interfaces, 2018, 10, 19682-19688.	4.0	19
31	Full lithographic fabrication of boron-doped 3D porous carbon patterns for high volumetric energy density microsupercapacitors. Nano Energy, 2018, 53, 182-188.	8.2	57
32	Upconversion-Assisted Dual-Band Luminescent Solar Concentrator Coupled for High Power Conversion Efficiency Photovoltaic Systems. ACS Photonics, 2018, 5, 3621-3627.	3.2	45
33	MnO₂ Nanoflake-Shelled Carbon Nanotube Particles for High-Performance Supercapacitors. ACS Sustainable Chemistry and Engineering, 2017, 5, 2445-2453.	3.2	115
34	Highly Improved Ion Diffusion through Mesoscopically Ordered Porous Photoelectrodes. Journal of Physical Chemistry C, 2017, 121, 12046-12052.	1.5	8
35	Formation of Stable Solidâ€"Electrolyte Interphase Layer on Few-Layer Graphene-Coated Silicon Nanoparticles for High-Capacity Li-Ion Battery Anodes. Journal of Physical Chemistry C, 2017, 121, 26155-26162.	1.5	20
36	Highly N-doped microporous carbon nanospheres with high energy storage and conversion efficiency. Scientific Reports, 2017, 7, 14400.	1.6	23

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37	Spherical graphene and Si nanoparticle composite particles for high-performance lithium batteries. Korean Journal of Chemical Engineering, 2017, 34, 3195-3199.	1.2	22
38	Monolithic Two-Dimensional Photonic Crystal Reflectors for the Fabrication of Highly Efficient and Highly Transparent Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 37006-37012.	4.0	17
39	Ultrahigh Electrocatalytic Conversion of Methane at Room Temperature. Advanced Science, 2017, 4, 1700379.	5.6	73
40	Mesoscopic CH₃NH₃PbI₃ perovskite solar cells using TiO₂ inverse opal electron-conducting scaffolds. Journal of Materials Chemistry A, 2017, 5, 1972-1977.	5.2	39
41	Low-coordinated surface atoms of CuPt alloy cocatalysts on TiO₂for enhanced photocatalytic conversion of CO₂. Nanoscale, 2016, 8, 10043-10048.	2.8	80
42	Carbon-coated silicon nanoparticle-embedded carbon sphere assembly electrodes with enhanced performance for lithium-ion batteries. RSC Advances, 2016, 6, 38012-38017.	1.7	7
43	3D bicontinuous SnO₂/TiO₂ core/shell structures for highly efficient organic dye-sensitized solar cell electrodes. RSC Advances, 2016, 6, 74003-74008.	1.7	9
44	Three-Dimensional Polymeric Mechanical Metamaterials Fabricated by Multibeam Interference Lithography with the Assistance of Plasma Etching. Langmuir, 2016, 32, 8436-8441.	1.6	13
45	In Situ Gelation of Poly(vinylidene fluoride) Nanospheres for Dye-Sensitized Solar Cells: The Analysis on the Efficiency Enhancement upon Gelation. Langmuir, 2016, 32, 7735-7740.	1.6	6
46	Controlled Unusual Stiffness of Mechanical Metamaterials. Scientific Reports, 2016, 6, 20312.	1.6	38
47	Bilayer quantum dot-decorated mesoscopic inverse opals for high volumetric photoelectrochemical water splitting efficiency. RSC Advances, 2016, 6, 8756-8762.	1.7	9
48	Role of Surface States in Photocatalysis: Study of Chlorine-Passivated CdSe Nanocrystals for Photocatalytic Hydrogen Generation. Chemistry of Materials, 2016, 28, 962-968.	3.2	71
49	Liquid immersion thermal crosslinking of 3D polymer nanopatterns for direct carbonisation with high structural integrity. Scientific Reports, 2015, 5, 18185.	1.6	19
50	Inâ€…situ Poly(methyl methacrylate)/Graphene Composite Gel Electrolytes for Highly Stable Dyeâ€Sensitized Solar Cells. ChemSusChem, 2015, 8, 3799-3804.	3.6	16
51	3D Wovenâ€Like Carbon Micropattern Decorated with Silicon Nanoparticles for Use in Lithiumâ€Ion Batteries. ChemSusChem, 2015, 8, 3414-3418.	3.6	8
52	Monolithic multiscale bilayer inverse opal electrodes for dye-sensitized solar cell applications. Nanoscale, 2015, 7, 5164-5168.	2.8	21
53	Uniformly dispersed silicon nanoparticle/carbon nanosphere composites as highly stable lithium-ion battery electrodes. RSC Advances, 2015, 5, 17424-17428.	1.7	12
54	Uniform Decoration of CdS Nanoparticles on TiO2 Inverse Opals for Visible Light Photoelectrochemical Cell. Electrochimica Acta, 2015, 166, 350-355.	2.6	7

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55	Si nanoparticles-nested inverse opal carbon supports for highly stable lithium-ion battery anodes. Journal of Materials Chemistry A, 2015, 3, 23684-23689.	5.2	31
56	Nitrogen-Doped Carbon Nanotube Spherical Particles for Supercapacitor Applications: Emulsion-Assisted Compact Packing and Capacitance Enhancement. ACS Applied Materials & Interfaces, 2015, 7, 20083-20089.	4.0	62
57	N-doped mesoporous inverse opal structures for visible-light photocatalysts. RSC Advances, 2015, 5, 77716-77722.	1.7	13
58	Quasi-solid-state Dye-sensitized Solar Cells with Macropore-containing Hierarchical Electrodes. Electrochimica Acta, 2014, 135, 192-198.	2.6	4
59	Carbon-deposited TiO₂nanoparticle balls for high-performance visible photocatalysis. RSC Advances, 2014, 4, 55371-55376.	1.7	3
60	3D periodic composite nanopatterns with superior mechanical properties: the effect of nanoparticles on pattern contrast and mechanical properties. RSC Advances, 2014, 4, 32348.	1.7	2
61	Highly improved photocurrents of dye-sensitized solar cells containing ultrathin 3D inverse opal electrodes sensitized with a dithienothiophene-based organic dye. RSC Advances, 2014, 4, 40980-40984.	1.7	7
62	Tetrapod CdSe-sensitized macroporous inverse opal electrodes for photo-electrochemical applications. Journal of Materials Chemistry A, 2014, 2, 17568-17573.	5.2	9
63	Mesoporous Carbonâ€TiO₂ Beads with Nanotextured Surfaces as Photoanodes in Dyeâ€Sensitized Solar Cells. ChemSusChem, 2014, 7, 2590-2596.	3.6	20
64	Carbon Nanotube Balls and Their Application in Supercapacitors. ACS Applied Materials & Interfaces, 2014, 6, 706-711.	4.0	36
65	Photocorrosion-Assisted Transformation of Metal Selenide Nanocrystals into Crystalline Selenium Nanowires. Crystal Growth and Design, 2014, 14, 1258-1263.	1.4	12
66	Monodispersed N-Doped Carbon Nanospheres for Supercapacitor Application. ACS Applied Materials & Interfaces, 2014, 6, 13968-13976.	4.0	202
67	Double-Deck Inverse Opal Photoanodes: Efficient Light Absorption and Charge Separation in Heterojunction. Chemistry of Materials, 2014, 26, 5592-5597.	3.2	88
68	1D nanorod-planted 3D inverse opal structures for use in dye-sensitized solar cells. Nanoscale, 2014, 6, 3105-3109.	2.8	25
69	Polyamideâ€“POSS hybrid membranes for seawater desalination: Effect of POSS inclusion on membrane properties. Journal of Membrane Science, 2014, 461, 89-95.	4.1	59
70	Facile fabrication of sub-100â€…nm mesoscale inverse opal films and their application in dye-sensitized solar cell electrodes. Scientific Reports, 2014, 4, 6804.	1.6	38
71	Lithographically Defined Three-dimensional Pore-patterned Carbon with Nitrogen Doping for High-Performance Ultrathin Supercapacitor Applications. Scientific Reports, 2014, 4, 5392.	1.6	31
72	In-situ fabrication of macroporous films for dye-sensitised solar cells: formation of the scattering layer and the gelation of electrolytes. Scientific Reports, 2014, 4, 5375.	1.6	14

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73	Study of architectural responses of 3D periodic cellular materials. Modelling and Simulation in Materials Science and Engineering, 2013, 21, 065018.	0.8	9
74	Particulate Inverse Opal Carbon Electrodes for Lithium-Ion Batteries. Langmuir, 2013, 29, 1192-1198.	1.6	41
75	Silicon/copper dome-patterned electrodes for high-performance hybrid supercapacitors. Scientific Reports, 2013, 3, 3183.	1.6	62
76	Characterization of charge transport properties of a 3D electrode for dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2013, 15, 10835.	1.3	9
77	Carbon-Deposited TiO₂ 3D Inverse Opal Photocatalysts: Visible-Light Photocatalytic Activity and Enhanced Activity in a Viscous Solution. ACS Applied Materials & Interfaces, 2013, 5, 12526-12532.	4.0	68
78	ZnO-treated TiO2 inverse opal electrodes for dye-sensitized solar cells. Current Applied Physics, 2013, 13, 841-845.	1.1	9
79	Graphene-embedded 3D TiO2 inverse opal electrodes for highly efficient dye-sensitized solar cells: morphological characteristics and photocurrent enhancement. Nanoscale, 2013, 5, 4200.	2.8	56
80	Constructing inverse opal structured hematite photoanodes via electrochemical process and their application to photoelectrochemical water splitting. Physical Chemistry Chemical Physics, 2013, 15, 11717.	1.3	38
81	Synthesis of Porous Carbon Balls from Spherical Colloidal Crystal Templates. Langmuir, 2012, 28, 10543-10550.	1.6	42
82	Hollow Polypyrrole Films: Applications for Energy Storage Devices. Journal of the Electrochemical Society, 2012, 159, A1052-A1056.	1.3	19
83	Anisotropic wetting and superhydrophobicity on holographically featured 3D nanostructured surfaces. Soft Matter, 2012, 8, 4567.	1.2	39
84	Hierarchical Twin-Scale Inverse Opal TiO₂ Electrodes for Dye-Sensitized Solar Cells. Langmuir, 2012, 28, 9372-9377.	1.6	32
85	Facile synthesis of microporous carbon spheres by selective pyrolysis. RSC Advances, 2012, 2, 8934.	1.7	2
86	Inverse Opal Carbons for Counter Electrode of Dye-Sensitized Solar Cells. Langmuir, 2012, 28, 7033-7038.	1.6	52
87	Bottom-up Growth of Hierarchical Electrodes for Highly Efficient Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2012, 4, 3589-3595.	4.0	7
88	Inverse opal tungsten trioxide films with mesoporous skeletons: synthesis and photoelectrochemical responses. Chemical Communications, 2012, 48, 11939.	2.2	35
89	Enhanced Photovoltaic Properties of Nb₂O₅-Coated TiO₂ 3D Ordered Porous Electrodes in Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2012, 4, 5821-5825.	4.0	64
90	Synthesis of snowman-shaped microparticles by monomer swelling and polymerization of crosslinked seed particles. Korean Journal of Chemical Engineering, 2012, 29, 1102-1107.	1.2	6

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91	Supported pyrolysis for lithographically defined 3D carbon microstructures. Journal of Materials Chemistry, 2011, 21, 14456.	6.7	9
92	Surface modification of 2D/3D SU-8 patterns with a swellingâ€“deswelling method. Soft Matter, 2011, 7, 2989.	1.2	14
93	Uncertainty analysis of measurements of the size of nanoparticles in aqueous solutions using dynamic light scattering. Metrologia, 2011, 48, 417-425.	0.6	15
94	Facile Synthesis of TiO₂ Inverse Opal Electrodes for Dye-Sensitized Solar Cells. Langmuir, 2011, 27, 856-860.	1.6	47
95	Bilayer Inverse Opal TiO₂ Electrodes for Dye-Sensitized Solar Cells via Post-Treatment. Langmuir, 2011, 27, 6311-6315.	1.6	40
96	Hierarchically Porous TiO₂ Electrodes Fabricated by Dual Templating Methods for Dyeâ€Sensitized Solar Cells. Advanced Materials, 2011, 23, 2971-2975.	11.1	107
97	Enhanced Photocurrent Density of Tungsten Oxide Hollow Particle Arrays Produced by Colloidal Template Synthesis. Journal of Nanoscience and Nanotechnology, 2011, 11, 1538-1541.	0.9	3
98	Stability of PS Opals in Supercritical Carbon Dioxide and Synthesis of Silica Inverse Opals. Bulletin of the Korean Chemical Society, 2011, 32, 2178-2182.	1.0	6
99	Band gap control of colloidal photonic crystal by hyperthermal neutral beam etching. , 2010, , .		0
100	Biologically inspired humidity sensor based on three-dimensional photonic crystals. Applied Physics Letters, 2010, 97, .	1.5	105
101	Dry etching of colloidal crystal films. Journal of Colloid and Interface Science, 2010, 341, 209-214.	5.0	21
102	Fabrication of two-dimensional multiscale patterns by holographic lithography. , 2010, , .		0
103	Humidity sensors mimicking cuticle of Hercules beetles. , 2010, , .		0
104	Fabrication of Inorganic Inverse Opals by Hetero-Colloidal Self-Assembly. Journal of Dispersion Science and Technology, 2010, 31, 368-376.	1.3	6
105	Observation of Positive Effects of Freestanding Scattering Film in Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2010, 2, 288-291.	4.0	23
106	Holographically Defined TiO2 Electrodes for Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2010, 2, 2970-2973.	4.0	17
107	Chemical Aspects of Three-Dimensional Photonic Crystals. Chemical Reviews, 2010, 110, 547-574.	23.0	239
108	Fabrication of 3D Copper Oxide Structure by Holographic Lithography for Photoelectrochemical Electrodes. ACS Applied Materials & Interfaces, 2010, 2, 2982-2986.	4.0	23

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109	Holographic Fabrication of Microstructures with Internal Nanopatterns Using Microprism Arrays. Angewandte Chemie - International Edition, 2009, 48, 7000-7005.	7.2	16
110	Holographic fabrication of three-dimensional nanostructures for microfluidic passive mixing. Lab on A Chip, 2009, 9, 3144.	3.1	66
111	Direct fabrication of 3D silica-like microstructures from epoxy-functionalized polyhedral oligomeric silsesquioxane (POSS). Journal of Materials Chemistry, 2009, 19, 4687.	6.7	39
112	Room Temperature Chemical Vapor Deposition for Fabrication of Titania Inverse Opals: Fabrication, Morphology Analysis and Optical Characterization. Bulletin of the Korean Chemical Society, 2009, 30, 2245-2248.	1.0	17
113	Thermoresponsive Hydrogel Photonic Crystals by Threeâ€Dimensional Holographic Lithography. Advanced Materials, 2008, 20, 3061-3065.	11.1	98
114	Length shortening and surfactant mixing behavior of nonionic/ionic mixed cylindrical micelle. Chemical Physics Letters, 2008, 464, 82-86.	1.2	2
115	Holographic fabrication of photonic nanostructures for optofluidic integration. Lab on A Chip, 2008, 8, 388.	3.1	54
116	Poly(glycidyl methacrylate)s with controlled molecular weights as low-shrinkage resins for 3D multibeam interference lithography. Journal of Materials Chemistry, 2008, 18, 3316.	6.7	39
117	Electrodeposition of Three-Dimensional Titania Photonic Crystals from Holographically Patterned Microporous Polymer Templates. Chemistry of Materials, 2008, 20, 1816-1823.	3.2	71
118	Holographic fabrication of hierarchical nanostructures using microprism array toward optofluidic integration. , 2008, , .		0
119	Dual Functions of Clay Nanoparticles with High Aspect Ratio in Dye-Sensitized Solar Cells. Electrochemical and Solid-State Letters, 2008, 11, B171.	2.2	31
120	Feasibility Study for Biological Membranes by Using a New Neutron Reflectometer at the HANARO. Journal of the Korean Physical Society, 2008, 53, 1944-1950.	0.3	0
121	Holographic fabrication of photonic nanostructures for optofluidic integration. Proceedings of SPIE, 2007, , .	0.8	1
122	Superhydrophobic Films of Electrospun Fibers with Multiple-Scale Surface Morphology. Langmuir, 2007, 23, 7981-7989.	1.6	160
123	Triply Periodic Bicontinuous Structures as Templates for Photonic Crystals: A Pinch-off Problem. Advanced Materials, 2007, 19, 1510-1514.	11.1	36
124	Highâ€Throughput Synthesis of Anisotropic Colloids via Holographic Lithography. Advanced Materials, 2007, 19, 2508-2512.	11.1	40
125	Core-shell diamond-like silicon photonic crystals from 3D polymer templates created by holographic lithography. , 2007, , .		3
126	Fabrication of One-Dimensional Colloidal Assemblies from Electrospun Nanofibers. Langmuir, 2006, 22, 3445-3449.	1.6	97

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127	Core-shell diamond-like silicon photonic crystals from 3D polymer templates created by holographic lithography. Optics Express, 2006, 14, 6297.	1.7	38
128	Fabricating three-dimensional polymeric photonic structures by multi-beam interference lithography. Polymers for Advanced Technologies, 2006, 17, 83-93.	1.6	162
129	Pixellated Photonic Crystal Films by Selective Photopolymerization. Advanced Materials, 2006, 18, 2111-2116.	11.1	52
130	Photonic band-gap structures of core-shell simple cubic crystals from holographic lithography. Applied Physics Letters, 2006, 88, 121101.	1.5	13
131	Multiscale Nanopatterns Templated from Two-Dimensional Assemblies of Photoresist Particles. Advanced Materials, 2005, 17, 2559-2562.	11.1	24
132	Fabrication of hollow colloidal crystal cylinders and their inverted polymeric replicas. Journal of Colloid and Interface Science, 2005, 287, 173-177.	5.0	32
133	Creating Threeâ€Dimensional Polymeric Microstructures by Multiâ€Beam Interference Lithography. Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics, 2005, 45, 351-373.	2.2	43
134	Colloidal lithography with crosslinkable particles: fabrication of hierarchical nanopore arrays. Chemical Communications, 2005, , 4107.	2.2	24
135	Connected Open Structures from Close-Packed Colloidal Crystals by Hyperthermal Neutral Beam Etching. Langmuir, 2005, 21, 10770-10775.	1.6	21
136	Fabrication of Spherical Colloidal Crystals Using Electrospray. Langmuir, 2005, 21, 10416-10421.	1.6	44
137	Translation of interference pattern by phase shift for diamond photonic crystals. Optics Express, 2005, 13, 9841.	1.7	16
138	Patterned polymer photonic crystals using soft lithography and holographic lithography. Synthetic Metals, 2005, 148, 99-102.	2.1	26
139	Multiple-exposure holographic lithography with phase shift. Applied Physics Letters, 2004, 85, 4184-4186.	1.5	34
140	Fabrication of Ordered Macroporous Cylinders by Colloidal Templating in Microcapillaries. Langmuir, 2004, 20, 2033-2035.	1.6	88
141	Fabrication of two-dimensional photonic crystals of nonspherical atoms by holographic lithography. , 2004, , .		0
142	Packings of Uniform Microspheres with Ordered Macropores Fabricated by Double Templating. Journal of the American Chemical Society, 2002, 124, 13354-13355.	6.6	59
143	Demulsification of water-in-crude oil emulsions by a continuous electrostatic dehydrator. Separation Science and Technology, 2002, 37, 1307-1320.	1.3	62
144	Ordered Macroporous Particles by Colloidal Templating. Chemistry of Materials, 2001, 13, 2613-2618.	3.2	110

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145	Macrocrystalline Colloidal Assemblies in an Electric Field. Advanced Materials, 2001, 13, 1185-1188.	11.1	28