

Andreas Stein

List of Publications by Year in descending order

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152
papers

18,822
citations

18436

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all docs

161
docs citations

161
times ranked

18307
citing authors

#	ARTICLE	IF	CITATIONS
1	Li ₈ MnO ₆ : A Novel Cathode Material with Only Anionic Redox. ACS Applied Materials & Interfaces, 2022, 14, 29832-29843.	4.0	2
2	Batteries: The Effect of Porosity. , 2021, , 205-321.		0
3	3D Periodic and Interpenetrating Tungsten-Silicon Oxycarbide Nanocomposites Designed for Mechanical Robustness. ACS Applied Materials & Interfaces, 2021, 13, 32126-32135.	4.0	4
4	Anionic Oxygen Redox in the High-Lithium Material Li ₈ SnO ₆ . Chemistry of Materials, 2021, 33, 834-844.	3.2	10
5	Nano goes the distance. Nature Materials, 2021, 20, 1456-1458.	13.3	1
6	Colloidal crystal templating of porous materials. , 2021, , .		0
7	Regenerable Sorbent Pellets for the Removal of Dilute H ₂ S from Claus Process Tail Gas. Industrial & Engineering Chemistry Research, 2021, 60, 18443-18451.	1.8	8
8	Effects of Phase Purity and Pore Reinforcement on Mechanical Behavior of NU-1000 and Silica-Infiltrated NU-1000 Metal-Organic Frameworks. ACS Applied Materials & Interfaces, 2020, 12, 49971-49981.	4.0	10
9	Reference Electrodes Based on Ionic Liquid-Doped Reference Membranes with Biocompatible Silicone Matrixes. ACS Sensors, 2020, 5, 1717-1725.	4.0	12
10	Temperature-dependent mechanical behavior of three-dimensionally ordered macroporous tungsten. Journal of Materials Research, 2020, 35, 2556-2566.	1.2	8
11	Solid-Contact Ion-Selective and Reference Electrodes Covalently Attached to Functionalized Poly(ethylene terephthalate). Analytical Chemistry, 2020, 92, 7621-7629.	3.2	24
12	Three-Dimensionally Ordered Macroporous Mixed Metal Oxide as an Indicator for Monitoring the Stability of ZIF-8. Chemistry of Materials, 2020, 32, 3850-3859.	3.2	15
13	Diffusive Formation of Hollow Mesoporous Silica Shells from Core-Shell Composites: Insights from the Hydrogen Sulfide Capture Cycle of CuO@mSiO ₂ Nanoparticles. Langmuir, 2020, 36, 6540-6549.	1.6	6
14	Effective Electrochemical Charge Storage in the High-Lithium Compound Li ₈ ZrO ₆ . ACS Applied Energy Materials, 2019, 2, 1274-1287.	2.5	4
15	Effect of primary particle size and aggregate size of modified graphene oxide on toughening of unsaturated polyester resin. Polymer Composites, 2019, 40, 3886-3894.	2.3	1
16	Model of the impact of use of thermal energy storage on operation of a nuclear power plant Rankine cycle. Energy Conversion and Management, 2019, 181, 36-47.	4.4	21
17	Raman imaging of surface and sub-surface graphene oxide in fiber reinforced polymer nanocomposites. Carbon, 2019, 143, 793-801.	5.4	16
18	Nanoparticles in Glass Fiber-Reinforced Polyester Composites: Comparing Toughening Effects of Modified Graphene Oxide and Core-Shell Rubber. Polymer Composites, 2019, 40, E1512-E1524.	2.3	15

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19	Application and Limitations of Nanocasting in Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2018, 57, 2782-2790.	1.9	21
20	Metal Nanoparticle-Carbon Matrix Composites with Tunable Melting Temperature as Phase-Change Materials for Thermal Energy Storage. <i>ACS Applied Nano Materials</i> , 2018, 1, 1894-1903.	2.4	24
21	Extending the Compositional Range of Nanocasting in the Oxozirconium Cluster-Based Metal-Organic Framework NU-1000-A Comparative Structural Analysis. <i>Chemistry of Materials</i> , 2018, 30, 1301-1315.	3.2	10
22	Effects of Inorganic Fillers on Toughening of Vinyl Ester Resins by Modified Graphene Oxide. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 4592-4599.	1.8	16
23	Paper-Based All-Solid-State Ion-Sensing Platform with a Solid Contact Comprising Colloid-Imprinted Mesoporous Carbon and a Redox Buffer. <i>ACS Applied Nano Materials</i> , 2018, 1, 293-301.	2.4	19
24	Well-Defined Rhodium-Gallium Catalytic Sites in a Metal-Organic Framework: Promoter-Controlled Selectivity in Alkyne Semihydrogenation to <i>E</i> -Alkenes. <i>Journal of the American Chemical Society</i> , 2018, 140, 15309-15318.	6.6	88
25	Direct Synthesis and Pseudomorphic Transformation of Mixed Metal Oxide Nanostructures with Non-Close-Packed Hollow Sphere Arrays. <i>Angewandte Chemie</i> , 2018, 130, 15933-15937.	1.6	3
26	Direct Synthesis and Pseudomorphic Transformation of Mixed Metal Oxide Nanostructures with Non-Close-Packed Hollow Sphere Arrays. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15707-15711.	7.2	7
27	Localizing graphene at the interface of cocontinuous polymer blends: Morphology, rheology, and conductivity of cocontinuous conductive polymer composites. <i>Journal of Rheology</i> , 2017, 61, 575-587.	1.3	107
28	Assembly of dicobalt and cobalt-aluminum oxide clusters on metal-organic framework and nanocast silica supports. <i>Faraday Discussions</i> , 2017, 201, 287-302.	1.6	21
29	Unsaturated polyester resin toughening with very low loadings of GO derivatives. <i>Polymer</i> , 2017, 110, 149-157.	1.8	75
30	Thin-film electrode based on zeolitic imidazolate frameworks (ZIF-8 and ZIF-67) with ultra-stable performance as a lithium-ion battery anode. <i>Journal of Materials Science</i> , 2017, 52, 3979-3991.	1.7	62
31	Modified-Graphene-Oxide-Containing Styrene Masterbatches for Thermosets. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 11443-11450.	1.8	10
32	A Disposable Planar Paper-Based Potentiometric Ion-Sensing Platform. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7544-7547.	7.2	88
33	Synergistic Toughening of Epoxy Modified by Graphene and Block Copolymer Micelles. <i>Macromolecules</i> , 2016, 49, 9507-9520.	2.2	63
34	Mechanism of electrochemical lithiation of a metal-organic framework without redox-active nodes. <i>Journal of Chemical Physics</i> , 2016, 144, 194702.	1.2	41
35	Conduction and Surface Effects in Cathode Materials: Li_8ZrO_6 and Doped Li_8ZrO_6 . <i>Journal of Physical Chemistry C</i> , 2016, 120, 9637-9649.	1.5	14
36	Graphene-polyethylene nanocomposites: Effect of graphene functionalization. <i>Polymer</i> , 2016, 104, 1-9.	1.8	55

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37	Installing Heterobimetallic Cobalt-Aluminum Single Sites on a Metal Organic Framework Support. <i>Chemistry of Materials</i> , 2016, 28, 6753-6762.	3.2	56
38	A Disposable Planar Paper-Based Potentiometric Ion-Sensing Platform. <i>Angewandte Chemie</i> , 2016, 128, 7670-7673.	1.6	20
39	Ionic Liquids as Electrolytes for Electrochemical Double-Layer Capacitors: Structures that Optimize Specific Energy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3396-3406.	4.0	175
40	Transition-Metal-Doped $M\text{-Li}_8\text{ZrO}_6$ ($M = \text{Mn, Fe, Co, Ni, Cu, Ce}$) as High-Specific-Capacity Li-Ion Battery Cathode Materials: Synthesis, Electrochemistry, and Quantum Mechanical Characterization. <i>Chemistry of Materials</i> , 2016, 28, 746-755.	3.2	30
41	Rational design of all-solid-state ion-selective electrodes and reference electrodes. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 76, 102-114.	5.8	409
42	Nanocomposites of zeolitic imidazolate frameworks on graphene oxide for pseudocapacitor applications. <i>Journal of Applied Electrochemistry</i> , 2016, 46, 441-450.	1.5	63
43	Thermal Stabilization of Metal-Organic Framework-Derived Single-Site Catalytic Clusters through Nanocasting. <i>Journal of the American Chemical Society</i> , 2016, 138, 2739-2748.	6.6	83
44	Generalized Approach to the Microstructure Direction in Metal Oxide Ceramics via Polymerization-Induced Phase Separation. <i>Inorganic Chemistry</i> , 2015, 54, 993-1002.	1.9	15
45	All-Solid-State Reference Electrodes Based on Colloid-Imprinted Mesoporous Carbon and Their Application in Disposable Paper-based Potentiometric Sensing Devices. <i>Analytical Chemistry</i> , 2015, 87, 2981-2987.	3.2	89
46	A facile approach to prepare $\text{Bi}(\text{OH})_3$ nanoflakes as high-performance pseudocapacitor materials. <i>New Journal of Chemistry</i> , 2015, 39, 5927-5930.	1.4	15
47	Y-doped Li_8ZrO_6 : A Li-Ion Battery Cathode Material with High Capacity. <i>Journal of the American Chemical Society</i> , 2015, 137, 10992-11003.	6.6	54
48	Utilizing ionic liquids for controlled N-doping in hard-templated, mesoporous carbon electrodes for high-performance electrochemical double-layer capacitors. <i>Journal of Power Sources</i> , 2015, 298, 193-202.	4.0	41
49	Epoxy Toughening with Low Graphene Loading. <i>Advanced Functional Materials</i> , 2015, 25, 575-585.	7.8	301
50	In vitro collagen fibril alignment via incorporation of nanocrystalline cellulose. <i>Acta Biomaterialia</i> , 2015, 12, 122-128.	4.1	21
51	Recent progress in scanning electron microscopy for the characterization of fine structural details of nano materials. <i>Progress in Solid State Chemistry</i> , 2014, 42, 1-21.	3.9	66
52	Perspective on the Influence of Interactions Between Hard and Soft Templates and Precursors on Morphology of Hierarchically Structured Porous Materials. <i>Chemistry of Materials</i> , 2014, 26, 259-276.	3.2	68
53	Titania-Carbon Nanocomposite Anodes for Lithium Ion Batteries: Effects of Confined Growth and Phase Synergism. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 18215-18227.	4.0	23
54	Ion-Selective Electrodes with Colloid-Imprinted Mesoporous Carbon as Solid Contact. <i>Analytical Chemistry</i> , 2014, 86, 7111-7118.	3.2	171

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55	Ultralight, high-surface-area, multifunctional graphene-based aerogels from self-assembly of graphene oxide and resol. <i>Carbon</i> , 2014, 68, 221-231.	5.4	188
56	Inverse Opal SiO ₂ Photonic Crystals as Structurally Colored Pigments with Additive Primary Colors. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 655-662.	0.6	39
57	Enhanced Oxidation Kinetics in Thermochemical Cycling of CeO ₂ through Templated Porosity. <i>Journal of Physical Chemistry C</i> , 2013, 117, 1692-1700.	1.5	72
58	Quenching Performance of Surfactant-Containing and Surfactant-Free Fluorophore-Doped Mesoporous Silica Films for Nitroaromatic Compound Detection. <i>Chemistry of Materials</i> , 2013, 25, 711-722.	3.2	20
59	Polyol-Assisted Vermiculite Dispersion in Polyurethane Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3054-3062.	4.0	35
60	Three-Dimensionally Ordered Mesoporous (3DOM) Carbon Materials as Electrodes for Electrochemical Double-Layer Capacitors with Ionic Liquid Electrolytes. <i>Chemistry of Materials</i> , 2013, 25, 4137-4148.	3.2	134
61	Controlling Microstructural Evolution in Pechini Gels through the Interplay between Precursor Complexation, Step-Growth Polymerization, and Template Confinement. <i>Chemistry of Materials</i> , 2013, 25, 745-753.	3.2	36
62	Design and functionality of colloidal-crystal-templated materials – chemical applications of inverse opals. <i>Chemical Society Reviews</i> , 2013, 42, 2763-2803.	18.7	487
63	Controlling macro- and mesostructures with hierarchical porosity through combined hard and soft templating. <i>Chemical Society Reviews</i> , 2013, 42, 3721-3739.	18.7	399
64	Effects of Integrated Carbon as a Light Absorber on the Coloration of Photonic Crystal-Based Pigments. <i>Journal of Physical Chemistry C</i> , 2013, 117, 13585-13592.	1.5	24
65	Facile Preparation and Electrochemical Properties of V ₂ O ₅ -Graphene Composite Films as Free-Standing Cathodes for Rechargeable Lithium Batteries. <i>Journal of the Electrochemical Society</i> , 2012, 159, A1135-A1140.	1.3	68
66	Porous Electrode Materials for Lithium-Ion Batteries – How to Prepare Them and What Makes Them Special. <i>Advanced Energy Materials</i> , 2012, 2, 1056-1085.	10.2	594
67	Simulation-Aided Design and Synthesis of Hierarchically Porous Membranes. <i>Langmuir</i> , 2012, 28, 7484-7491.	1.6	13
68	Modification with tertiary amine catalysts improves vermiculite dispersion in polyurethane via in situ intercalative polymerization. <i>Polymer</i> , 2012, 53, 5060-5068.	1.8	19
69	Advantages and Limitations of Reference Electrodes with an Ionic Liquid Junction and Three-Dimensionally Ordered Macroporous Carbon as Solid Contact. <i>Analytical Chemistry</i> , 2012, 84, 7771-7778.	3.2	56
70	Maintaining the Structure of Templated Porous Materials for Reactive and High-Temperature Applications. <i>Langmuir</i> , 2012, 28, 7310-7324.	1.6	42
71	Synthesis of mesoporous ZSM-5 zeolites through desilication and re-assembly processes. <i>Microporous and Mesoporous Materials</i> , 2012, 149, 147-157.	2.2	115
72	Fabrication of carbon/refractory metal nanocomposites as thermally stable metallic photonic crystals. <i>Journal of Materials Chemistry</i> , 2011, 21, 10836.	6.7	49

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73	Solvent Effects on Morphologies of Mesoporous Silica Spheres Prepared by Pseudomorphic Transformations. <i>Chemistry of Materials</i> , 2011, 23, 1761-1767.	3.2	57
74	Sub-40 nm Zeolite Suspensions via Disassembly of Three-Dimensionally Ordered Mesoporous-Imprinted Silicalite-1. <i>Journal of the American Chemical Society</i> , 2011, 133, 493-502.	6.6	91
75	Multiconstituent Synthesis of LiFePO ₄ /C Composites with Hierarchical Porosity as Cathode Materials for Lithium Ion Batteries. <i>Chemistry of Materials</i> , 2011, 23, 3237-3245.	3.2	101
76	Synthesis and Properties of Vermiculite-Reinforced Polyurethane Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 3709-3717.	4.0	99
77	Batteries take charge. <i>Nature Nanotechnology</i> , 2011, 6, 262-263.	15.6	38
78	Control of Heterogeneity in Nanostructured Ce ₂ ZrO ₂ Binary Oxides for Enhanced Thermal Stability and Water Splitting Activity. <i>Journal of Physical Chemistry C</i> , 2011, 115, 21022-21033.	1.5	127
79	Colloidal Assembly: The Road from Particles to Colloidal Molecules and Crystals. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 360-388.	7.2	659
80	Tunable Colors in Opals and Inverse Opal Photonic Crystals. <i>Advanced Functional Materials</i> , 2010, 20, 2565-2578.	7.8	504
81	High-Performance Randomly Oriented Zeolite Membranes Using Brittle Seeds and Rapid Thermal Processing. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8699-8703.	7.2	60
82	Thin films with a hidden twist. <i>Nature</i> , 2010, 468, 387-388.	13.7	4
83	Functional Composite Membranes Based on Mesoporous Silica Spheres in a Hierarchically Porous Matrix. <i>Chemistry of Materials</i> , 2010, 22, 3790-3797.	3.2	21
84	Effects of Architecture and Surface Chemistry of Three-Dimensionally Ordered Macroporous Carbon Solid Contacts on Performance of Ion-Selective Electrodes. <i>Analytical Chemistry</i> , 2010, 82, 680-688.	3.2	102
85	Colloidal Photonic Crystal Pigments with Low Angle Dependence. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 3257-3262.	4.0	133
86	Template-Directed Synthesis and Organization of Shaped Oxide/Phosphate Nanoparticles. <i>Chemistry of Materials</i> , 2010, 22, 3226-3235.	3.2	28
87	In situ high temperature TEM analysis of sintering in nanostructured tungsten and tungsten-molybdenum alloy photonic crystals. <i>Journal of Materials Chemistry</i> , 2010, 20, 1538-1545.	6.7	25
88	Functionalization of Porous Carbon Materials with Designed Pore Architecture. <i>Advanced Materials</i> , 2009, 21, 265-293.	11.1	807
89	Subnanomolar detection limit application of ion-selective electrodes with three-dimensionally ordered macroporous (3DOM) carbon solid contacts. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 123-128.	1.2	63
90	Design and synthesis of 3D ordered macroporous ZrO ₂ /Zeolite nanocomposites. <i>Microporous and Mesoporous Materials</i> , 2009, 120, 351-358.	2.2	16

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91	Growth Patterns and Shape Development of Zeolite Nanocrystals in Confined Syntheses. <i>Journal of the American Chemical Society</i> , 2009, 131, 12377-12383.	6.6	66
92	Conjugation of Colloidal Clusters and Chains by Capillary Condensation. <i>Journal of the American Chemical Society</i> , 2009, 131, 9920-9921.	6.6	19
93	Site-Specific Functionalization of Anisotropic Nanoparticles: From Colloidal Atoms to Colloidal Molecules. <i>Journal of the American Chemical Society</i> , 2009, 131, 18548-18555.	6.6	55
94	Synthesis of shaped particles and particle arrays by disassembly methods. <i>Journal of Materials Chemistry</i> , 2009, 19, 2102.	6.7	15
95	In situ high-temperature electron microscopy of 3DOM cobalt, iron oxide, and nickel. <i>Journal of Materials Science</i> , 2008, 43, 3539-3552.	1.7	12
96	Nanoscale Reactor Engineering: Hydrothermal Synthesis of Uniform Zeolite Particles in Massively Parallel Reaction Chambers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9096-9099.	7.2	36
97	Inside Cover: Nanoscale Reactor Engineering: Hydrothermal Synthesis of Uniform Zeolite Particles in Massively Parallel Reaction Chambers (<i>Angew. Chem. Int. Ed.</i> 47/2008). <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8970-8970.	7.2	0
98	Innentitelbild: Nanoscale Reactor Engineering: Hydrothermal Synthesis of Uniform Zeolite Particles in Massively Parallel Reaction Chambers (<i>Angew. Chem.</i> 47/2008). <i>Angewandte Chemie</i> , 2008, 120, 9106-9106.	1.6	0
99	Synthesis of monolithic 3D ordered macroporous carbon/nano-silicon composites by diodosilane decomposition. <i>Carbon</i> , 2008, 46, 1702-1710.	5.4	35
100	Hierarchical nanofabrication of microporous crystals with ordered mesoporosity. <i>Nature Materials</i> , 2008, 7, 984-991.	13.3	553
101	Silica-free syntheses of hierarchically ordered macroporous polymer and carbon monoliths with controllable mesoporosity. <i>Journal of Materials Chemistry</i> , 2008, 18, 2194.	6.7	91
102	Morphological Control in Colloidal Crystal Templating of Inverse Opals, Hierarchical Structures, and Shaped Particles. <i>Chemistry of Materials</i> , 2008, 20, 649-666.	3.2	456
103	Porous Carbon/Tin (IV) Oxide Monoliths as Anodes for Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2008, 155, A658.	1.3	49
104	Morphology Control of Carbon, Silica, and Carbon/Silica Nanocomposites: From 3D Ordered Macro-/Mesoporous Monoliths to Shaped Mesoporous Particles. <i>Chemistry of Materials</i> , 2008, 20, 1029-1040.	3.2	108
105	SHAPED METAL OXIDE-PHOSPHATE COMPOSITE NANOPARTICLES SYNTHESIZED BY TEMPLATED DISASSEMBLY. , 2008, , .		0
106	Effects of Thermal Processes on the Structure of Monolithic Tungsten and Tungsten Alloy Photonic Crystals. <i>Chemistry of Materials</i> , 2007, 19, 4563-4569.	3.2	28
107	Surface functionalization of templated porous carbon materials. <i>Studies in Surface Science and Catalysis</i> , 2007, 165, 365-368.	1.5	3
108	Fabrication of a Fully Infiltrated Three-Dimensional Solid-State Interpenetrating Electrochemical Cell. <i>Journal of the Electrochemical Society</i> , 2007, 154, A1135.	1.3	52

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109	Controlling the Shape and Alignment of Mesopores by Confinement in Colloidal Crystals: A Designer Pathways to Silica Monoliths with Hierarchical Porosity. <i>Langmuir</i> , 2007, 23, 3996-4004.	1.6	88
110	Direct Synthesis of Shaped Carbon Nanoparticles with Ordered Cubic Mesostructure. <i>Nano Letters</i> , 2007, 7, 3223-3226.	4.5	85
111	Ion-Selective Electrodes with Three-Dimensionally Ordered Macroporous Carbon as the Solid Contact. <i>Analytical Chemistry</i> , 2007, 79, 4621-4626.	3.2	255
112	Synthesis of lamellar isobutyl silicates and dispersion in polypropylene melts. <i>Journal of Applied Polymer Science</i> , 2007, 105, 1456-1465.	1.3	3
113	Shaping Mesoporous Silica Nanoparticles by Disassembly of Hierarchically Porous Structures. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1885-1888.	7.2	65
114	Disassembly and Self-Reassembly in Periodic Nanostructures: A Face-Centered Simple Cubic Transformation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6666-6669.	7.2	58
115	Effects of Hierarchical Architecture on Electronic and Mechanical Properties of Nanocast Monolithic Porous Carbons and Carbon-Carbon Nanocomposites. <i>Chemistry of Materials</i> , 2006, 18, 5543-5553.	3.2	169
116	A Family of Highly Ordered Mesoporous Polymer Resin and Carbon Structures from Organic-Organic Self-Assembly. <i>Chemistry of Materials</i> , 2006, 18, 4447-4464.	3.2	1,005
117	RECENT PROGRESS IN SYNTHESSES AND APPLICATIONS OF INVERSE OPALS AND RELATED MACROPOROUS MATERIALS PREPARED BY COLLOIDAL CRYSTAL TEMPLATING. <i>Annual Review of Nano Research</i> , 2006, , 1-79.	0.2	40
118	Apatite Converted from 3-D Ordered Macroporous Sol-Gel Bioactive Glass (3DOM-BG) Particles. <i>Journal of the American Ceramic Society</i> , 2005, 88, 587-592.	1.9	11
119	Synthetic approaches toward tungsten photonic crystals for thermal emission. , 2005, 6005, 9.		7
120	Effect of a Macropore Structure on Cycling Rates of LiCoO ₂ . <i>Journal of the Electrochemical Society</i> , 2005, 152, A1989.	1.3	61
121	Synthesis and Characterization of Three-Dimensionally Ordered Macroporous Carbon/Titania Nanoparticle Composites. <i>Chemistry of Materials</i> , 2005, 17, 6805-6813.	3.2	84
122	Depth-sensing indentation response of ordered silica foam. <i>Journal of Materials Research</i> , 2004, 19, 260-271.	1.2	44
123	Structural and electrochemical properties of three-dimensionally ordered macroporous tin(IV) oxide films. <i>Journal of Materials Chemistry</i> , 2004, 14, 1616.	6.7	155
124	Preparation and Characterization of Macroporous γ -Alumina. <i>Journal of the American Ceramic Society</i> , 2003, 86, 1481-1486.	1.9	56
125	Preparation and Catalytic Evaluation of Macroporous Crystalline Sulfated Zirconium Dioxide Templated with Colloidal Crystals. <i>Chemistry of Materials</i> , 2003, 15, 2638-2645.	3.2	61
126	A coordination network containing non-coordinating polyoxometalate clusters as counterions. <i>Dalton Transactions</i> , 2003, , 4678.	1.6	36

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127	Colloidal-Crystal-Templated Synthesis of Ordered Macroporous Electrode Materials for Lithium Secondary Batteries. <i>Journal of the Electrochemical Society</i> , 2003, 150, A1102.	1.3	99
128	Periodic Macroporous Hydroxyapatite-Containing Calcium Phosphates. <i>Chemistry of Materials</i> , 2002, 14, 3326-3331.	3.2	70
129	Hybrid macroporous materials for heavy metal ion adsorption. <i>Journal of Materials Chemistry</i> , 2002, 12, 3261-3267.	6.7	126
130	Optical Properties of Inverse Opal Photonic Crystals. <i>Chemistry of Materials</i> , 2002, 14, 3305-3315.	3.2	491
131	Influence of Processing Conditions on Structures of 3D Ordered Macroporous Metals Prepared by Colloidal Crystal Templating. <i>Chemistry of Materials</i> , 2001, 13, 4314-4321.	3.2	94
132	Direct Synthesis of Ordered Macroporous Silica Materials Functionalized with Polyoxometalate Clusters. <i>Chemistry of Materials</i> , 2001, 13, 1074-1081.	3.2	159
133	Self-Modification of Spontaneous Emission by Inverse Opal Silica Photonic Crystals. <i>Chemistry of Materials</i> , 2001, 13, 2945-2950.	3.2	80
134	Surface Modification of Mesoporous, Macroporous, and Amorphous Silica with Catalytically Active Polyoxometalate Clusters. <i>Inorganic Chemistry</i> , 2001, 40, 801-808.	1.9	166
135	Sphere templating methods for periodic porous solids. <i>Microporous and Mesoporous Materials</i> , 2001, 44-45, 227-239.	2.2	299
136	General Synthesis of Periodic Macroporous Solids by Templated Salt Precipitation and Chemical Conversion. <i>Chemistry of Materials</i> , 2000, 12, 1134-1141.	3.2	325
137	Preparation and structure of 3D ordered macroporous alloys by PMMA colloidal crystal templating. <i>Chemical Communications</i> , 2000, , 1477-1478.	2.2	64
138	Synthesis, Characterization, and Ion-Exchange Properties of Zinc and Magnesium Manganese Oxides Confined within MCM-41 Channels. <i>Journal of Physical Chemistry B</i> , 2000, 104, 449-459.	1.2	59
139	A Chemical Synthesis of Periodic Macroporous NiO and Metallic Ni. <i>Advanced Materials</i> , 1999, 11, 1003-1006.	11.1	216
140	Anion Exchange Properties of a Mesoporous Aluminophosphate. <i>Langmuir</i> , 1999, 15, 8300-8308.	1.6	40
141	Dual Templating of Macroporous Silicates with Zeolitic Microporous Frameworks. <i>Journal of the American Chemical Society</i> , 1999, 121, 4308-4309.	6.6	468
142	Mesoporous Sieves with Unified Hybrid Inorganic/Organic Frameworks. <i>Chemistry of Materials</i> , 1999, 11, 3302-3308.	3.2	1,235
143	Synthesis of Highly Ordered, Three-Dimensional, Macroporous Structures of Amorphous or Crystalline Inorganic Oxides, Phosphates, and Hybrid Composites. <i>Chemistry of Materials</i> , 1999, 11, 795-805.	3.2	715
144	Synthesis of Ordered Microporous Silicates with Organosulfur Surface Groups and Their Applications as Solid Acid Catalysts. <i>Chemistry of Materials</i> , 1998, 10, 467-470.	3.2	454

#	ARTICLE	IF	CITATIONS
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