

Geoffrey A Ozin

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147
papers

20,027
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65
h-index

141
g-index

156
ext. papers

21,006
ext. citations

17
avg, IF

6.76
L-index

#	Paper	IF	Citations
147	Periodic mesoporous organosilicas with organic groups inside the channel walls. <i>Nature</i> , 1999 , 402, 867-874	37.4	1535
146	Large-scale synthesis of a silicon photonic crystal with a complete three-dimensional bandgap near 1.5 micrometres. <i>Nature</i> , 2000 , 405, 437-40	50.4	1323
145	Nanochemistry: Synthesis in diminishing dimensions. <i>Advanced Materials</i> , 1992 , 4, 612-649	24	1132
144	Synthesis of inorganic materials with complex form. <i>Nature</i> , 1996 , 382, 313-318	50.4	1031
143	Photonic-crystal full-colour displays. <i>Nature Photonics</i> , 2007 , 1, 468-472	33.9	708
142	Synthesis of oriented films of mesoporous silica on mica. <i>Nature</i> , 1996 , 379, 703-705	50.4	625
141	Morphogenesis of shapes and surface patterns in mesoporous silica. <i>Nature</i> , 1997 , 386, 692-695	50.4	596
140	Bottom-up assembly of photonic crystals. <i>Chemical Society Reviews</i> , 2013 , 42, 2528-54	58.5	515
139	Colloidal crystal films: advances in universality and perfection. <i>Journal of the American Chemical Society</i> , 2003 , 125, 15589-98	16.4	515
138	Free-standing and oriented mesoporous silica films grown at the air/water interface. <i>Nature</i> , 1996 , 381, 589-592	50.4	493
137	Past, present, and future of periodic mesoporous organosilicas-the PMOs. <i>Accounts of Chemical Research</i> , 2005 , 38, 305-12	24.3	400
136	Size-dependent extinction coefficients of PbS quantum dots. <i>Journal of the American Chemical Society</i> , 2006 , 128, 10337-46	16.4	362
135	From colour fingerprinting to the control of photoluminescence in elastic photonic crystals. <i>Nature Materials</i> , 2006 , 5, 179-184	27	346
134	Lamellar aluminophosphates with surface patterns that mimic diatom and radiolarian microskeletons. <i>Nature</i> , 1995 , 378, 47-50	50.4	316
133	Promises and problems of mesoscale materials chemistry or why meso?. <i>Chemistry - A European Journal</i> , 2004 , 10, 28-41	4.8	300
132	Advanced Zeolite, Materials Science. <i>Angewandte Chemie International Edition in English</i> , 1989 , 28, 359-376		286
131	Non-aqueous synthesis of giant crystals of zeolites and molecular sieves. <i>Nature</i> , 1993 , 365, 239-242	50.4	267

130	Size-dependent absolute quantum yields for size-separated colloiddally-stable silicon nanocrystals. <i>Nano Letters</i> , 2012 , 12, 337-42	11.5	260
129	Multigram scale, solventless, and diffusion-controlled route to highly monodisperse PbS nanocrystals. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 671-3	3.4	251
128	Controlling morphology and porosity to improve performance of molecularly imprinted sol-gel silica. <i>Chemical Society Reviews</i> , 2014 , 43, 911-33	58.5	247
127	Self-Assembling Frameworks: Beyond microporous oxides. <i>Advanced Materials</i> , 1996 , 8, 13-28	24	245
126	Novel bifunctional periodic mesoporous organosilicas, BPMOs: synthesis, characterization, properties and in-situ selective hydroboration-alcoholysis reactions of functional groups. <i>Journal of the American Chemical Society</i> , 2001 , 123, 8520-30	16.4	244
125	Challenges and advances in the chemistry of periodic mesoporous organosilicas (PMOs). <i>Journal of Materials Chemistry</i> , 2005 , 15, 3716		241
124	Silicon Inverse-Opal-Based Macroporous Materials as Negative Electrodes for Lithium Ion Batteries. <i>Advanced Functional Materials</i> , 2009 , 19, 1999-2010	15.6	240
123	Nanofabrication by self-assembly. <i>Materials Today</i> , 2009 , 12, 12-23	21.8	239
122	Electroactive inverse opal: a single material for all colors. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 943-7	16.4	231
121	Non-aqueous supramolecular assembly of mesostructured metal germanium sulphides from (Ge4S10)4 clusters. <i>Nature</i> , 1999 , 397, 681-684	50.4	228
120	Periodic mesoporous organosilicas containing interconnected [Si(CH2)]3 rings. <i>Science</i> , 2003 , 302, 266-9	33.3	213
119	Materials chemistry for low-k materials. <i>Materials Today</i> , 2006 , 9, 22-31	21.8	208
118	Metamorphic Channels in Periodic Mesoporous Methylsilica This work was supported by the NSERC of Canada. M.J.M. is grateful to NSERC for postgraduate (1995-1999) and postdoctoral fellowships (1999-2001). G.A.O. thanks the Killam Foundation for the award of an Isaac Walton Killam research fellowship (1995-1997). <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 1808-1811	16.4	208
117	Morphogenesis of Biomineral and Morphosynthesis of Biomimetic Forms. <i>Accounts of Chemical Research</i> , 1997 , 30, 17-27	24.3	190
116	Metamorphic materials: Restructuring siliceous mesoporous materials*. <i>Advanced Materials</i> , 1995 , 7, 842-846	24	188
115	Why PMO? Towards functionality and utility of periodic mesoporous organosilicas. <i>Small</i> , 2010 , 6, 2634-42		173
114	Periodic Mesoporous Organosilica with Large Cage-like Pores. <i>Chemistry of Materials</i> , 2002 , 14, 1903-1905	6	147
113	Graphene oxide-periodic mesoporous silica sandwich nanocomposites with vertically oriented channels. <i>ACS Nano</i> , 2010 , 4, 7437-50	16.7	143

112	Synthesis and properties of 1,3,5-benzene periodic mesoporous organosilica (PMO): novel aromatic PMO with three point attachments and unique thermal transformations. <i>Journal of the American Chemical Society</i> , 2002 , 124, 13886-95	16.4	137
111	Block copolymers under periodic, strong three-dimensional confinement. <i>Journal of the American Chemical Society</i> , 2005 , 127, 9954-5	16.4	131
110	Aluminophosphate Chain-to-Layer Transformation. <i>Chemistry of Materials</i> , 1996 , 8, 2391-2398	9.6	130
109	Large-scale synthesis of ultrathin Bi ₂ S ₃ necklace nanowires. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3814-7	16.4	123
108	Mechanical stability enhancement by pore size and connectivity control in colloidal crystals by layer-by-layer growth of oxide. <i>Chemical Communications</i> , 2002 , 2736-7	5.8	115
107	Slow photons in the fast lane in chemistry. <i>Journal of Materials Chemistry</i> , 2008 , 18, 369-373		114
106	Metamorphosis of ordered mesopores to micropores: periodic silica with unprecedented loading of pendant reactive organic groups transforms to periodic microporous silica with tailorable pore size. <i>Journal of the American Chemical Society</i> , 2002 , 124, 6383-92	16.4	113
105	Writing on the wall with a new synthetic quill. <i>Chemistry - A European Journal</i> , 2000 , 6, 2507-11	4.8	112
104	Towards the synthetic all-optical computer: science fiction or reality?. <i>Journal of Materials Chemistry</i> , 2004 , 14, 781-794		106
103	Polyferrocenylsilane microspheres: synthesis, mechanism of formation, size and charge tunability, electrostatic self-assembly, and pyrolysis to spherical magnetic ceramic particles. <i>Journal of the American Chemical Society</i> , 2002 , 124, 12522-34	16.4	105
102	Low-k periodic mesoporous organosilica with air walls: POSS-PMO. <i>Journal of the American Chemical Society</i> , 2011 , 133, 18082-5	16.4	102
101	Superparamagnetic Ceramic Nanocomposites: Synthesis and Pyrolysis of Ring-Opened Poly(ferrocenylsilanes) inside Periodic Mesoporous Silica. <i>Journal of the American Chemical Society</i> , 2000 , 122, 3878-3891	16.4	97
100	Photonic clays: a new family of functional 1D photonic crystals. <i>ACS Nano</i> , 2008 , 2, 2065-74	16.7	96
99	Aromatic PMOs: tolyl, xylyl and dimethoxyphenyl groups integrated within the channel walls of hexagonal mesoporous silicas. <i>Journal of Materials Chemistry</i> , 2001 , 11, 3202-3206		93
98	Shell mimetics. <i>Advanced Materials</i> , 1997 , 9, 662-667	24	92
97	Slow Photons for Photocatalysis and Photovoltaics. <i>Advanced Materials</i> , 2017 , 29, 1605349	24	91
96	Mesoporous silica with micrometer-scale designs. <i>Advanced Materials</i> , 1997 , 9, 811-814	24	84
95	P-Ink and Elast-Ink from lab to market. <i>Materials Today</i> , 2008 , 11, 44-51	21.8	84

94	Nanoparticle one-dimensional photonic-crystal dye laser. <i>Small</i> , 2009 , 5, 2048-52	11	80
93	Intrazeolite metal carbonyl topotaxy. A comprehensive structural and spectroscopic study of intrazeolite Group VI metal hexacarbonyls and subcarbonyls. <i>Journal of the American Chemical Society</i> , 1990 , 112, 9575-9586	16.4	79
92	Using shape for self-assembly. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012 , 370, 2824-47	3	78
91	Small silicon, big opportunities: the development and future of colloiddally-stable monodisperse silicon nanocrystals. <i>Advanced Materials</i> , 2012 , 24, 5890-8	24	77
90	Molecularly imprinted mesoporous organosilica. <i>ACS Nano</i> , 2011 , 5, 2277-87	16.7	77
89	Photoluminescent Silicon Clusters in Oriented Hexagonal Mesoporous Silica Film. <i>Advanced Materials</i> , 1999 , 11, 474-480	24	77
88	Controlling the Morphologies of Organometallic Block Copolymers in the 3-Dimensional Spatial Confinement of Colloidal and Inverse Colloidal Crystals. <i>Macromolecules</i> , 2008 , 41, 2250-2259	5.5	74
87	Nanoporous tin(IV) sulfides: Mode of formation. <i>Advanced Materials</i> , 1994 , 6, 860-865	24	74
86	Periodic Mesoporous Organosilicas with Phenylene Bridging Groups, 1,4-(CH ₂) _n C ₆ H ₄ (n = 0, 1, 2). <i>Chemistry of Materials</i> , 2004 , 16, 5465-5472	9.6	71
85	Mesostructured Metal Germanium Sulfides. <i>Journal of the American Chemical Society</i> , 1999 , 121, 12005-12017	12.4	66
84	Organosilicas with Chiral Bridges and Self-Generating Mesoporosity. <i>Chemistry of Materials</i> , 2007 , 19, 2649-2657	9.6	58
83	Novel route to periodic mesoporous aminosilicas, PMAs: ammonolysis of periodic mesoporous organosilicas. <i>Journal of the American Chemical Society</i> , 2003 , 125, 11662-73	16.4	57
82	New directions in self-assembly:: materials synthesis over all length scales. <i>Current Opinion in Colloid and Interface Science</i> , 1999 , 4, 325-337	7.6	56
81	Enhanced photothermal reduction of gaseous CO ₂ over silicon photonic crystal supported ruthenium at ambient temperature. <i>Energy and Environmental Science</i> , 2018 , 11, 3443-3451	35.4	53
80	Direct Probe Fourier Transform Far-Infrared Spectroscopy of Metal Atoms, Metal Ions, and Metal Clusters in Zeolites. <i>Catalysis Reviews - Science and Engineering</i> , 1985 , 27, 591-651	12.6	52
79	Vacuum-assisted aerosol deposition of a low-dielectric-constant periodic mesoporous organosilica film. <i>Advanced Materials</i> , 2010 , 22, 99-102	24	50
78	Mesochemistry. <i>Current Opinion in Colloid and Interface Science</i> , 1998 , 3, 181-193	7.6	50
77	Periodic mesoporous phenylenesilicas with ether or sulfide hinge groups--a new class of PMOs with ligand channels. <i>Chemical Communications</i> , 2004 , 2426-7	5.8	50

76	Organic light-emitting diode microcavities from transparent conducting metal oxide photonic crystals. <i>Nano Letters</i> , 2011 , 11, 1457-62	11.5	48
75	C60-PMO: periodic mesoporous buckyballsilica. <i>Journal of the American Chemical Society</i> , 2007 , 129, 15644-9	16.4	48
74	Assembling photoluminescent silicon nanocrystals into periodic mesoporous organosilica. <i>Journal of the American Chemical Society</i> , 2012 , 134, 8439-46	16.4	47
73	Nanoporous tin(IV) chalcogenides: Flexible open-framework nanbmaterials for chemical sensing. <i>Advanced Materials</i> , 1995 , 7, 375-378	24	47
72	Zeolates: a coordination chemistry view of metal-ligand bonding in zeolite guest-host inclusion compounds. <i>Chemistry of Materials</i> , 1992 , 4, 511-521	9.6	47
71	Nanoparticle films and photonic crystal multilayers from colloidally stable, size-controllable zinc and iron oxide nanoparticles. <i>ACS Nano</i> , 2011 , 5, 2861-9	16.7	46
70	Distributed feedback lasing from a composite poly(phenylene vinylene)-nanoparticle one-dimensional photonic crystal. <i>Nano Letters</i> , 2009 , 9, 4273-8	11.5	46
69	Thermally Stable Self-assembling Open-Frameworks: Isostructural Cs ⁺ and (CH ₃) ₄ N ⁺ Iron Germanium Sulfides. <i>Chemische Berichte</i> , 1996 , 129, 283-287		45
68	Measurement of group velocity dispersion for finite size three-dimensional photonic crystals in the near-infrared spectral region. <i>Applied Physics Letters</i> , 2005 , 86, 053108	3.4	43
67	Synthesis of metal sulfide materials with controlled architecture. <i>Current Opinion in Solid State and Materials Science</i> , 1999 , 4, 113-121	12	42
66	Water repellent periodic mesoporous organosilicas. <i>ACS Nano</i> , 2011 , 5, 1267-75	16.7	41
65	Synthesis and characterization of highly amine functionalized mesoporous organosilicas by an All-in-one approach. <i>Journal of Materials Chemistry</i> , 2005 , 15, 4010		40
64	New forms of luminescent silicon: Silicon-silica composite mesostructures. <i>Chemical Vapor Deposition</i> , 1996 , 2, 8-13		40
63	Nanocrystals as precursors for flexible functional films. <i>Small</i> , 2005 , 1, 1184-7	11	39
62	Tailoring the electrical properties of inverse silicon opals - a step towards optically amplified silicon solar cells. <i>Advanced Materials</i> , 2009 , 21, 559-63	24	38
61	Nanochemistry: what is next?. <i>Small</i> , 2009 , 5, 1240-4	11	38
60	Exceptional reduction of the diffusion constant in partially disordered photonic crystals. <i>Physical Review Letters</i> , 2008 , 101, 123901	7.4	38
59	Vapor swellable colloidal photonic crystals with pressure tunability. <i>Journal of Materials Chemistry</i> , 2005 , 15, 133-138		38

58	From the molecule to an expanded I-VII semiconductor quantum superlattice: silver, sodium halo-sodalites. <i>Journal of the American Chemical Society</i> , 1990 , 112, 904-905	16.4	37
57	Synthetic hollow aluminophosphate microspheres**. <i>Advanced Materials</i> , 1995 , 7, 931-935	24	34
56	Synthesis and compositional tuning of the band properties of isostructural TMA _n S _x Se _{1-x} Nanoporous Materials. <i>Advanced Materials</i> , 1995 , 7, 370-374	24	33
55	Tailoring photonic crystals with nanometer-scale precision using polyelectrolyte multilayers. <i>Langmuir</i> , 2005 , 21, 499-503	4	32
54	Optical Properties of Colloidal Photonic Crystals Confined in Rectangular Microchannels. <i>Langmuir</i> , 2003 , 19, 3479-3485	4	32
53	A step towards optically encoded silver release in 1D photonic crystals. <i>Small</i> , 2009 , 5, 1498-503	11	31
52	Imaging the surfaces of nanoporous semiconductors by atomic force microscopy. <i>Advanced Materials</i> , 1995 , 7, 64-68	24	28
51	Intrazeolite topotaxy: sodium-23 double-rotation NMR study of transition-metal hexacarbonyls and oxides encapsulated in sodium zeolite Y. <i>The Journal of Physical Chemistry</i> , 1992 , 96, 5949-5953		28
50	Intrazeolite metal carbonyl phototopotaxy: from tungsten(VI) oxide quantum dots to a zero-dimensional semiconductor quantum supralattice. <i>The Journal of Physical Chemistry</i> , 1990 , 94, 7556-7561		28
49	Single-Stimulus-Induced Modulation of Multiple Optical Properties. <i>Advanced Materials</i> , 2019 , 31, e1900388	28	27
48	Spatially confined redox chemistry in periodic mesoporous hydridosilica-nanosilver grown in reducing nanopores. <i>Journal of the American Chemical Society</i> , 2011 , 133, 17454-62	16.4	27
47	Beyond the hemicylindrical micellar monolayer on graphite: AFM evidence for a lyotropic liquid crystal film. <i>Advanced Materials</i> , 1997 , 9, 917-921	24	27
46	1999 Pure or Applied Inorganic Chemistry Award Lecture Curves in chemistry: supramolecular materials taking shape. <i>Canadian Journal of Chemistry</i> , 1999 , 77, 2001-2014	0.9	25
45	Colloidal photonic crystal clad optical fibers: Towards a new type of photonic band gap fiber. <i>Optics Express</i> , 2005 , 13, 6454-9	3.3	24
44	Crystal Structures of a Series of Novel Alkylammonium Phosphates and Their Formation in Aluminophosphate Synthesis Mixtures. <i>Inorganic Chemistry</i> , 1998 , 37, 5021-5028	5.1	23
43	Chemical Vapor Deposition Topotaxy in Porous Hosts. <i>Chemical Vapor Deposition</i> , 1996 , 2, 97-103		23
42	Periodic mesoporous organosilicas: self-assembly from bridged cyclic silsesquioxane precursors. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2107-9	16.4	22
41	Nucleation, growth and form of mesoporous silica: role of defects and a language of shape. <i>Studies in Surface Science and Catalysis</i> , 1998 , 119-127	1.8	22

40	Nanoporous tin(IV) sulfides: Thermochemical properties. <i>Advanced Materials</i> , 1995 , 7, 166-170	24	21
39	Emerging strategies for the synthesis of highly monodisperse colloidal nanostructures. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010 , 368, 4229-48	3	20
38	Recent developments in the synthesis and chemistry of periodic mesoporous organosilicas. <i>Studies in Surface Science and Catalysis</i> , 2002 , 1-26	1.8	20
37	Porous NIR Photoluminescent Silicon Nanocrystals-POSS Composites. <i>Advanced Functional Materials</i> , 2016 , 26, 5102-5110	15.6	18
36	Does Microgravity Influence Self-Assembly??. <i>Advanced Materials</i> , 1997 , 9, 1133-1149	24	18
35	Sodium-23 MAS-NMR and FT-mid-far-IR cation/proton probes of the phototopotactic oxidation of intrazeolite hexacarbonyltungsten(0) to tungsten(VI) oxide quantum dots and supralattices: exploring anchoring sites and aggregation processes. <i>The Journal of Physical Chemistry</i> , 1990 , 94, 6939-6943		18
34	Photoconductivity in inverse silicon opals enhanced by slow photon effect: Yet another step towards optically amplified silicon photonic crystal solar cells. <i>Applied Physics Letters</i> , 2011 , 98, 072106	3.4	17
33	New Insights into the Mode of Formation of AlPO _{4-n} Molecular Sieves. <i>Studies in Surface Science and Catalysis</i> , 1994 , 219-225	1.8	17
32	Assembling a semiconductor quantum supralattice one atom at a time: nonstoichiometric silver, sodium bromosodalites. <i>The Journal of Physical Chemistry</i> , 1990 , 94, 6943-6948		16
31	Chalcogenide Distribution in Microporous Layered Tin(IV) Thioselenide, TMA ₂ Sn ₃ S _x Se _{7-x} , Materials. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 2356-2366	3.4	15
30	Exploring the possibilities and limitations of a nanomaterials genome. <i>Small</i> , 2015 , 11, 64-9	11	14
29	Synthesis and characterization of methyl- and vinyl-functionalized ordered mesoporous silicas with high organic content. <i>Studies in Surface Science and Catalysis</i> , 2002 , 141, 197-204	1.8	14
28	Germanium nanocrystal doped inverse crystalline silicon opal. <i>Journal of Materials Chemistry</i> , 2011 , 21, 15895		13
27	Nonaqueous Synthesis of Large Zeolite and Molecular Sieve Crystals. <i>Studies in Surface Science and Catalysis</i> , 1994 , 84, 93-100	1.8	13
26	Engineering porosity in bifunctional periodic mesoporous organosilicas with MT- and DT-type silica building blocks. <i>Journal of Materials Chemistry</i> , 2005 , 15, 764		12
25	Sandwich-Type Nanocomposite of Reduced Graphene Oxide and Periodic Mesoporous Silica with Vertically Aligned Mesochannels of Tunable Pore Depth and Size. <i>Advanced Functional Materials</i> , 2017 , 27, 1704066	15.6	10
24	Quiescent hydrothermal synthesis of reduced graphene oxide/periodic mesoporous silica sandwich nanocomposites with perpendicular mesochannel alignments. <i>Adsorption</i> , 2014 , 20, 267-274	2.6	10
23	Mixed semiconductor component quantum supralattices: Silver, sodium chloro, iodo-sodalites. <i>Advanced Materials</i> , 1991 , 3, 306-309	24	9

22	Intrazeolite Semiconductor Quantum Dots and Quantum Supralattices. <i>ACS Symposium Series</i> , 1991 , 554-581	0.4	9
21	Anomalous flow of light near a photonic crystal pseudo-gap. <i>Optics Express</i> , 2011 , 19, 25320-7	3.3	8
20	Sub-nanometer precision modification of the optical properties of three-dimensional polymer-based photonic crystals. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2004 , 2, 191-198	2.6	8
19	The zeolite ligand; zeolite encapsulated semiconductor nanomaterials. <i>Macromolecular Symposia</i> , 1994 , 80, 45-61	0.8	8
18	Nanomaterials: Tin(IV) Sulfide Endo-and Exosemiconductors. <i>Materials Research Society Symposia Proceedings</i> , 1992 , 286, 93		8
17	Stimuli-responsive Bragg stacks for chemo-optical sensing applications 2010 ,		7
16	Electroactive Nanoporous Metal Oxides and Chalcogenides by Chemical Design. <i>Chemistry of Materials</i> , 2017 , 29, 3663-3670	9.6	6
15	From ideas to innovation: nanochemistry as a case study. <i>Small</i> , 2011 , 7, 49-54	11	5
14	Photonic-Crystal Display Materials. <i>Information Display</i> , 2011 , 27, 26-29	0.8	4
13	Zeolates: A Coordination Chemistry View of Metal-Ligand Bonding in Intrazeolite MOCVD Type Precursors and Semiconductor Nanoclusters. <i>Materials Research Society Symposia Proceedings</i> , 1992 , 277, 105		4
12	Nanometer-Scale Precision Tuning of 3D Photonic Crystals Made Possible Using Polyelectrolytes with Controlled Short Chain Length and Narrow Polydispersity. <i>Advanced Materials Interfaces</i> , 2014 , 1, 1300051	4.6	3
11	Periodic Mesoporous Organosilicas (PMOs): Nanostructured Organic-Inorganic Hybrid Materials. <i>Materials Research Society Symposia Proceedings</i> , 2000 , 628, 1		3
10	Doping and Band-Gap Engineering of an Intrazeolite Tungsten(VI) Oxide Supralattice. <i>Materials Research Society Symposia Proceedings</i> , 1991 , 233, 109		2
9	5.2: Photonic Crystal Display Materials. <i>Digest of Technical Papers SID International Symposium</i> , 2011 , 42, 40-41	0.5	1
8	The effect of solvent in evaporation-induced self-assembly: A case study of benzene periodic mesoporous organosilica. <i>Science China Chemistry</i> , 2011 , 54, 1920-1925	7.9	1
7	Micro-optical Spectroscopy of Stacking Faults in Colloidal Photonic Crystal Films. <i>AIP Conference Proceedings</i> , 2007 ,	0	1
6	Bio-Inspired Nanocomposites: From Synthesis Toward Potential Applications. <i>Materials Research Society Symposia Proceedings</i> , 2001 , 707, 551		1
5	Bones about skeletons. <i>Advanced Materials</i> , 1996 , 8, 184-184	24	1

- 4 Fabry-Perot etalons using colloidal photonic crystal mirrors. *Optics Letters*, **2006**, 31, 3591-3 3
- 3 Periodic Mesoporous Organosilicas: Self-Assembly from Bridged Cyclic Silsesquioxane Precursors. *Angewandte Chemie*, **2005**, 117, 2145-2147 3.6
- 2 Bio-Inspired Nanocomposites: From Synthesis Toward Potential Applications. *Materials Research Society Symposia Proceedings*, **2001**, 711, 1
- 1 Hierarchical Inorganic Materials: Stealing Nature's Best Secrets **1997**, 323-333