

Shunsuke Tanaka

List of Publications by Year in descending order

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papers

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47006

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times ranked

10157
citing authors

#	ARTICLE	IF	CITATIONS
1	Precisely controlled synthesis of Co/N species containing porous carbon for oxygen reduction reaction <i>via</i> anion exchange and CO ₂ activation. New Journal of Chemistry, 2022, 46, 2038-2043.	2.8	1
2	Crystalline Rearranged CD-MOF Particles Obtained via Spray-Drying Synthesis Applied to Inhalable Formulations with High Drug Loading. Crystal Growth and Design, 2022, 22, 1143-1154.	3.0	10
3	Vapor-assisted crystallization of <i>in situ</i> glycine-modified UiO-66 with enhanced CO ₂ adsorption. New Journal of Chemistry, 2022, 46, 1779-1784.	2.8	6
4	Electrochemical hydrogen evolution reaction over Co/P doped carbon derived from triethyl phosphite-deposited 2D nanosheets of Co/Al layered double hydroxides. International Journal of Hydrogen Energy, 2022, 47, 10638-10645.	7.1	3
5	Design of Zr- and Al-Doped *BEA-Type Zeolite to Boost LDPE Cracking. ACS Omega, 2022, 7, 12971-12977.	3.5	2
6	Hydrogen peroxide splitting on Nafion-coated graphene quantum dots/carbon nitride photocatalysts. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 430, 113949.	3.9	1
7	A Novel Strategy to Enhance Acid Strength of Zeolites by Incorporating Ge into Zeolite Framework. ChemistrySelect, 2022, 7, .	1.5	1
8	Photocatalytic Dinitrogen Fixation with Water on High-Phosphorus-Doped Carbon Nitride with Surface Nitrogen Vacancies. Langmuir, 2022, 38, 7137-7145.	3.5	5
9	Mechanochemically synthesized ZIF @8 nanoparticles blended into 6FDA@TrMPD membranes for C ₃ H ₆ / C ₃ H ₈ separation. Journal of Applied Polymer Science, 2021, 138, 50251.	2.6	5
10	Phase-Controlled Synthesis of Zeolites from Sodium Aluminosilicate under OSDA/Solvent-Free Conditions. European Journal of Inorganic Chemistry, 2021, 2021, 1405-1409.	2.0	2
11	Single atomic Co coordinated with N in microporous carbon for oxygen reduction reaction obtained from Co/2-methylimidazole anchored to Y zeolite as a template. Materials Today Chemistry, 2021, 20, 100410.	3.5	2
12	Polythiophene-Doped Resorcinol-Formaldehyde Resin Photocatalysts for Solar-to-Hydrogen Peroxide Energy Conversion. Journal of the American Chemical Society, 2021, 143, 12590-12599.	13.7	96
13	Self-assembly strategy for Co/N-doped meso/microporous carbon toward superior oxygen reduction catalysts. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 629, 127395.	4.7	1
14	Solid-Phase Synthesis of Porous Carbon using Zinc Oxide Template. Journal of the Society of Powder Technology, Japan, 2021, 58, 497-504.	0.1	0
15	Photocatalytic Dinitrogen Reduction with Water on Boron-Doped Carbon Nitride Loaded with Nickel Phosphide Particles. Langmuir, 2020, 36, 734-741.	3.5	27
16	Fabrication of NiS _x /C with a tuned S/Ni molar ratio using Ni ²⁺ ions and Amberlyst for hydrogen evolution reaction (HER). International Journal of Hydrogen Energy, 2020, 45, 24567-24572.	7.1	3
17	Solar-to-hydrogen peroxide energy conversion on resorcinol-formaldehyde resin photocatalysts prepared by acid-catalysed polycondensation. Communications Chemistry, 2020, 3, .	4.5	55
18	Development of hierarchical and phosphorous-modified HZSM-5 zeolites by sequential alkaline/acid treatments and their catalytic performances for methanol-to-olefins. Materials Research Bulletin, 2020, 130, 110958.	5.2	12

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19	Synthesis of titanium silicalite-1 (TS-1) zeolite with high content of Ti by a dry gel conversion method using amorphous TiO ₂ •SiO ₂ composite with highly dispersed Ti species. <i>Materials Today Chemistry</i> , 2020, 16, 100209.	3.5	14
20	Solvent-free synthesis of Fe/N doped hierarchical porous carbon as an ideal electrocatalyst for oxygen reduction reaction. <i>Materials Today Energy</i> , 2020, 17, 100444.	4.7	14
21	Rational Design of Single Atomic Co in CoN x Moieties on Graphene Matrix as an Ultra-Highly Efficient Active Site for Oxygen Reduction Reaction. <i>ChemNanoMat</i> , 2020, 6, 218-222.	2.8	3
22	Mechanochemical synthesis of MOFs. , 2020, , 197-222.		13
23	Photocatalytic Dinitrogen Fixation with Water on Bismuth Oxychloride in Chloride Solutions for Solar-to-Chemical Energy Conversion. <i>Journal of the American Chemical Society</i> , 2020, 142, 7574-7583.	13.7	140
24	State-of-the-Art of Hydrocarbon Separation by Metal-Organic Framework Membranes. <i>Membrane</i> , 2020, 45, 286-294.	0.0	0
25	Solvent/OSDA-free transformation of unseeded aluminosilicate into various zeolites via mechanochemical and vapor treatments. <i>Microporous and Mesoporous Materials</i> , 2019, 273, 273-275.	4.4	9
26	Resorcinol-formaldehyde resins as metal-free semiconductor photocatalysts for solar-to-hydrogen peroxide energy conversion. <i>Nature Materials</i> , 2019, 18, 985-993.	27.5	429
27	A Simple Step toward Enhancing Hydrothermal Stability of ZIF-8. <i>ACS Omega</i> , 2019, 4, 19905-19912.	3.5	52
28	Dehydrogenation of propane over high silica *BEA type gallosilicate (Ga-Beta). <i>Catalysis Science and Technology</i> , 2019, 9, 6234-6239.	4.1	23
29	Anchoring a Co/2-methylimidazole complex on ion-exchange resin and its transformation to Co/N-doped carbon as an electrocatalyst for the ORR. <i>Catalysis Science and Technology</i> , 2019, 9, 578-582.	4.1	12
30	Improving hydrothermal stability of acid sites in MFI type aluminosilicate zeolite (ZSM-5) by coating MFI type all silica zeolite (silicalite-1) shell layer. <i>Microporous and Mesoporous Materials</i> , 2019, 288, 109523.	4.4	25
31	Doping of Nb ⁵⁺ Species at the Au•TiO ₂ Interface for Plasmonic Photocatalysis Enhancement. <i>Langmuir</i> , 2019, 35, 5455-5462.	3.5	21
32	Fabrication of Co/P25 coated with thin nitrogen-doped carbon shells (Co/P25/NC) as an efficient electrocatalyst for oxygen reduction reaction (ORR). <i>Electrochimica Acta</i> , 2019, 296, 867-873.	5.2	10
33	Mechanochemical synthesis of bimetallic CoZn-ZIFs with sodalite structure. <i>Polyhedron</i> , 2019, 158, 290-295.	2.2	38
34	Solvent/OSDA-free interzeolite transformation of FAU into CHA zeolite with quantitative yield. <i>Microporous and Mesoporous Materials</i> , 2019, 278, 219-224.	4.4	31
35	MOF-based Membranes for Gas and Liquid Separations. <i>Membrane</i> , 2019, 44, 2-9.	0.0	1
36	Hydrogen Peroxide Production on a Carbon Nitride-Boron Nitride-Reduced Graphene Oxide Hybrid Photocatalyst under Visible Light. <i>ChemCatChem</i> , 2018, 10, 2070-2077.	3.7	97

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37	Hierarchical Pore Development of ZIF-8 MOF by Simple Salt-Assisted Mechanochemistry. <i>Crystal Growth and Design</i> , 2018, 18, 274-279.	3.0	72
38	Vapor-Phase Synthesis of ZIF-8 MOF Thick Film by Conversion of ZnO Nanorod Array. <i>Langmuir</i> , 2018, 34, 7028-7033.	3.5	37
39	Nitrogen Fixation with Water on Carbon-Nitride-Based Metal-Free Photocatalysts with 0.1% Solar-to-Ammonia Energy Conversion Efficiency. <i>ACS Applied Energy Materials</i> , 2018, 1, 4169-4177.	5.1	103
40	Fabrication of Pt nanoparticles encapsulated in single crystal like silicalite-1 zeolite as a catalyst for shape-selective hydrogenation of C6 olefins. <i>Microporous and Mesoporous Materials</i> , 2018, 271, 156-159.	4.4	20
41	Crystal Size Control of Metal Organic Framework for Function Design and Membrane Separation. <i>Membrane</i> , 2018, 43, 224-230.	0.0	0
42	Titanium Dioxide/Reduced Graphene Oxide Hybrid Photocatalysts for Efficient and Selective Partial Oxidation of Cyclohexane. <i>ACS Catalysis</i> , 2017, 7, 293-300.	11.2	91
43	Quantum tunneling injection of hot electrons in Au/TiO ₂ plasmonic photocatalysts. <i>Nanoscale</i> , 2017, 9, 8349-8361.	5.6	75
44	Solvothermal co-gelation synthesis of N-doped three-dimensional open macro/mesoporous carbon as efficient electrocatalyst for oxygen reduction reaction. <i>Electrochemistry Communications</i> , 2017, 75, 9-12.	4.7	14
45	Aqueous-System-Enabled Spray-Drying Technique for the Synthesis of Hollow Polycrystalline ZIF-8 MOF Particles. <i>ACS Omega</i> , 2017, 2, 6437-6445.	3.5	37
46	Grain size control of ZIF-8 membranes by seeding-free aqueous synthesis and their performances in propylene/propane separation. <i>Journal of Membrane Science</i> , 2017, 544, 306-311.	8.2	57
47	Solvent- and OSDA-Free Synthesis of ZSM-5 Assisted by Mechanochemistry and Vapor Treatments. <i>ChemistrySelect</i> , 2017, 2, 7651-7653.	1.5	3
48	Development of AEI type germanoaluminophosphate (GeAPO-18) with ultra-weak acid sites and its catalytic properties for the methanol to olefin (MTO) reaction. <i>Catalysis Science and Technology</i> , 2017, 7, 4622-4628.	4.1	17
49	Photocatalytic Dehalogenation of Aromatic Halides on Ta ₂ O ₅ -Supported Pt-Pd Bimetallic Alloy Nanoparticles Activated by Visible Light. <i>ACS Catalysis</i> , 2017, 7, 5194-5201.	11.2	47
50	Mellitic Triimide-Doped Carbon Nitride as Sunlight-Driven Photocatalysts for Hydrogen Peroxide Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6478-6485.	6.7	92
51	Graphitic Carbon Nitride Doped with Biphenyl Diimide: Efficient Photocatalyst for Hydrogen Peroxide Production from Water and Molecular Oxygen by Sunlight. <i>ACS Catalysis</i> , 2016, 6, 7021-7029.	11.2	282
52	Direct and selective conversion of methanol to para-xylene over Zn ion doped ZSM-5/silicalite-1 core-shell zeolite catalyst. <i>Journal of Catalysis</i> , 2016, 342, 63-66.	6.2	116
53	Synthesis of Amorphous TiO ₂ Nanoparticles with a High Surface Area and Their Transformation to Li ₄ Ti ₅ O ₁₂ Nanoparticles. <i>Chemistry Letters</i> , 2016, 45, 1285-1287.	1.3	5
54	Carbon Nitride-Aromatic Diimide-Graphene Nanohybrids: Metal-Free Photocatalysts for Solar-to-Hydrogen Peroxide Energy Conversion with 0.2% Efficiency. <i>Journal of the American Chemical Society</i> , 2016, 138, 10019-10025.	13.7	406

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55	Crystal Size Engineering and Membrane Formation of ZIF-8 MOF. Membrane, 2016, 41, 165-172.	0.0	0
56	Adsorption and Diffusion Phenomena in Crystal Size Engineered ZIF-8 MOF. Journal of Physical Chemistry C, 2015, 119, 28430-28439.	3.1	204
57	Photocatalytic hydrogenolysis of epoxides using alcohols as reducing agents on TiO ₂ loaded with Pt nanoparticles. Chemical Communications, 2015, 51, 2294-2297.	4.1	14
58	One-Pot Synthesis of Imines from Nitroaromatics and Alcohols by Tandem Photocatalytic and Catalytic Reactions on Degussa (Evonik) P25 Titanium Dioxide. ACS Applied Materials & Interfaces, 2015, 7, 3797-3806.	8.0	44
59	Hot-Electron-Induced Highly Efficient O ₂ Activation by Pt Nanoparticles Supported on Ta ₂ O ₅ Driven by Visible Light. Journal of the American Chemical Society, 2015, 137, 9324-9332.	13.7	139
60	Surface modification of soft-templated ordered mesoporous carbon for electrochemical supercapacitors. Microporous and Mesoporous Materials, 2015, 217, 141-149.	4.4	50
61	Effects of Surface Defects on Photocatalytic H ₂ O ₂ Production by Mesoporous Graphitic Carbon Nitride under Visible Light Irradiation. ACS Catalysis, 2015, 5, 3058-3066.	11.2	289
62	Sunlight-Driven Hydrogen Peroxide Production from Water and Molecular Oxygen by Metal-Free Photocatalysts. Angewandte Chemie - International Edition, 2014, 53, 13454-13459.	13.8	467
63	Platinum nanoparticles strongly associated with graphitic carbon nitride as efficient co-catalysts for photocatalytic hydrogen evolution under visible light. Chemical Communications, 2014, 50, 15255-15258.	4.1	168
64	Seeding-free aqueous synthesis of zeolitic imidazolate framework-8 membranes: How to trigger preferential heterogeneous nucleation and membrane growth in aqueous rapid reaction solution. Journal of Membrane Science, 2014, 472, 29-38.	8.2	23
65	Layer-by-layer aqueous rapid synthesis of ZIF-8 films on a reactive surface. Dalton Transactions, 2013, 42, 11128.	3.3	53
66	Mechanochemical dry conversion of zinc oxide to zeolitic imidazolate framework. Chemical Communications, 2013, 49, 7884.	4.1	159
67	Theoretical analysis of the pseudo-second order kinetic model of adsorption. Application to the adsorption of Ag(I) to mesoporous silica microspheres functionalized with thiol groups. Chemical Engineering Journal, 2013, 218, 350-357.	12.7	92
68	Mass transport and electrolyte accessibility through hexagonally ordered channels of self-assembled mesoporous carbons. Journal of Power Sources, 2013, 228, 24-31.	7.8	20
69	Supported Au-Cu Bimetallic Alloy Nanoparticles: An Aerobic Oxidation Catalyst with Regenerable Activity by Visible Light Irradiation. Angewandte Chemie - International Edition, 2013, 52, 5295-5299.	13.8	176
70	Formation of high crystalline ZIF-8 in an aqueous solution. CrystEngComm, 2013, 15, 1794.	2.6	418
71	Correlation between the capacitor performance and pore structure of ordered mesoporous carbons. Advanced Powder Technology, 2013, 24, 737-742.	4.1	24
72	Light-Triggered Self-Assembly of Gold Nanoparticles Based on Photoisomerization of Spirothiopyran. Angewandte Chemie - International Edition, 2013, 52, 8304-8308.	13.8	80

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73	Synthesis of ordered mesoporous silicoaluminophosphates by using LTA zeolite precursors dissolved under acidic conditions. <i>Materials Letters</i> , 2013, 92, 259-262.	2.6	5
74	Water Gas Shift Reaction in a Membrane Reactor Using a High Hydrogen Permselective Silica Membrane. <i>Separation Science and Technology</i> , 2013, 48, 76-83.	2.5	15
75	Carbon Dioxide Adsorption Properties in Ion-exchanged Zeolites Rho. <i>Chemistry Letters</i> , 2012, 41, 125-126.	1.3	2
76	Size-controlled Synthesis of Zeolitic Imidazolate Framework-8 (ZIF-8) Crystals in an Aqueous System at Room Temperature. <i>Chemistry Letters</i> , 2012, 41, 1337-1339.	1.3	140
77	Highly Efficient and Selective Hydrogenation of Nitroaromatics on Photoactivated Rutile Titanium Dioxide. <i>ACS Catalysis</i> , 2012, 2, 2475-2481.	11.2	131
78	An Experimental Investigation of the Ion Storage/Transfer Behavior in an Electrical Double-Layer Capacitor by Using Monodisperse Carbon Spheres with Microporous Structure. <i>Journal of Physical Chemistry C</i> , 2012, 116, 26791-26799.	3.1	66
79	Adsorption of carbon dioxide and nitrogen on zeolite rho prepared by hydrothermal synthesis using 18-crown-6 ether. <i>Journal of Colloid and Interface Science</i> , 2012, 388, 185-190.	9.4	25
80	Gold Nanoparticles Located at the Interface of Anatase/Rutile TiO ₂ Particles as Active Plasmonic Photocatalysts for Aerobic Oxidation. <i>Journal of the American Chemical Society</i> , 2012, 134, 6309-6315.	13.7	610
81	Photocatalytic H ₂ O ₂ Production from Ethanol/O ₂ System Using TiO ₂ Loaded with Au-Ag Bimetallic Alloy Nanoparticles. <i>ACS Catalysis</i> , 2012, 2, 599-603.	11.2	361
82	Platinum Nanoparticles Supported on Anatase Titanium Dioxide as Highly Active Catalysts for Aerobic Oxidation under Visible Light Irradiation. <i>ACS Catalysis</i> , 2012, 2, 1984-1992.	11.2	95
83	Crystallization process of zeolite rho prepared by hydrothermal synthesis using 18-crown-6 ether as organic template. <i>Journal of Colloid and Interface Science</i> , 2012, 376, 28-33.	9.4	24
84	Highly efficient photocatalytic dehalogenation of organic halides on TiO ₂ loaded with bimetallic Pd-Ag alloy nanoparticles. <i>Chemical Communications</i> , 2011, 47, 7863.	4.1	67
85	Self-Assembling Imidazolium-Based Ionic Liquid in Rigid Nanopores Induces Anomalous CO ₂ Adsorption at Low Pressure. <i>Langmuir</i> , 2011, 27, 7991-7995.	3.5	16
86	One-pot synthesis of imines from alcohols and amines with TiO ₂ loading Pt nanoparticles under UV irradiation. <i>Chemical Communications</i> , 2011, 47, 4811.	4.1	113
87	Synthesis and Characterization of Ni-doped Silica Membranes Prepared Using a Hybrid Sol-Gel/CVD Method. <i>Chemistry Letters</i> , 2011, 40, 1159-1160.	1.3	0
88	Selective Photocatalytic Oxidation of Alcohols to Aldehydes in Water by TiO ₂ Partially Coated with WO ₃ . <i>Chemistry - A European Journal</i> , 2011, 17, 9816-9824.	3.3	99
89	Preparation of ordered mesoporous carbon membranes by a soft-templating method. <i>Carbon</i> , 2011, 49, 3184-3189.	10.3	46
90	Preparation and pervaporation properties of silica-zirconia membranes. <i>Desalination</i> , 2011, 266, 46-50.	8.2	25

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91	Pervaporation of organic/water mixtures with hydrophobic silica membranes functionalized by phenyl groups. <i>Journal of Membrane Science</i> , 2011, 380, 41-47.	8.2	34
92	Pervaporation dehydration performance of microporous carbon membranes prepared from resorcinol/formaldehyde polymer. <i>Journal of Membrane Science</i> , 2011, 379, 52-59.	8.2	43
93	Synthesis of ordered mesoporous carbons by a soft-templating method. <i>Tanso</i> , 2011, 2011, 70-74.	0.1	3
94	Ordered Mesoporous Aluminosilicates Assembled from Dissolved LTA Precursors. <i>Topics in Catalysis</i> , 2010, 53, 224-230.	2.8	6
95	Dry gel conversion synthesis of SAPO-34 nanocrystals. <i>Materials Chemistry and Physics</i> , 2010, 123, 507-509.	4.0	91
96	One-Pot Synthesis of Benzimidazoles by Simultaneous Photocatalytic and Catalytic Reactions on Pt@TiO ₂ Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1656-1660.	13.8	191
97	Pervaporation characteristics of pore-filling PDMS/PMHS membranes for recovery of ethylacetate from aqueous solution. <i>Journal of Membrane Science</i> , 2010, 348, 383-388.	8.2	46
98	KOH activation of ordered mesoporous carbons prepared by a soft-templating method and their enhanced electrochemical properties. <i>Carbon</i> , 2010, 48, 1985-1989.	10.3	106
99	Mesoporous aluminosilicates assembled from dissolved LTA zeolite and triblock copolymer in the presence of tetramethylammonium hydroxide. <i>Journal of Colloid and Interface Science</i> , 2009, 333, 491-496.	9.4	13
100	Synthesis of highly-monodisperse spherical titania particles with diameters in the submicron range. <i>Journal of Colloid and Interface Science</i> , 2009, 334, 188-194.	9.4	72
101	Preparation and CO ₂ adsorption properties of aminopropyl-functionalized mesoporous silica microspheres. <i>Journal of Colloid and Interface Science</i> , 2009, 339, 382-389.	9.4	87
102	Effects of poly-N-isopropylacrylamide on fluorescence properties of CdS/Cd(OH) ₂ nanoparticles in water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 205, 51-56.	3.9	4
103	Synthesis of ordered mesoporous carbon films, powders, and fibers by direct triblock-copolymer-templating method using an ethanol/water system. <i>Carbon</i> , 2009, 47, 2688-2698.	10.3	99
104	Preparation and Adsorption Properties of Thiol-Functionalized Mesoporous Silica Microspheres. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 938-943.	3.7	30
105	Preparation of Spherical Magnetic Mesoporous Silica Containing Magnetite Nanoparticles by Phase Transfer. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 2577-2582.	3.7	3
106	Synthesis of Ordered Cage-like Mesoporous Aluminosilicates from Na-A Zeolite Precursors Dissolved in HCl. <i>Chemistry Letters</i> , 2009, 38, 780-781.	1.3	5
107	Synthesis of silicalite-1 using an interspace of ordered mesoporous carbon-silica nanocomposites: Introduction of mesoporosity in zeolite crystals. <i>Microporous and Mesoporous Materials</i> , 2008, 113, 418-426.	4.4	19
108	Low-index mesoporous silica films modified with trimethylethoxysilane. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 318, 84-87.	4.7	6

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109	Disordered mesoporous silica low-k thin films prepared by vapor deposition into a triblock copolymer template film. <i>Thin Solid Films</i> , 2008, 516, 4771-4776.	1.8	18
110	Mesoporous aluminosilicates assembled from dissolved LTA precursor. <i>Studies in Surface Science and Catalysis</i> , 2008, , 341-344.	1.5	0
111	Synthesis of ordered mesoporous carbons in film morphology using organic-organic interaction approach. <i>Studies in Surface Science and Catalysis</i> , 2008, 174, 657-660.	1.5	0
112	Vapor phase preparations of mesoporous silica thin films for ultra-low-k dielectrics. <i>Studies in Surface Science and Catalysis</i> , 2007, 165, 595-598.	1.5	0
113	Aspects of a novel method for the pore size analysis of thin silica films based on krypton adsorption at liquid argon temperature (87.3K). <i>Studies in Surface Science and Catalysis</i> , 2007, , 551-554.	1.5	13
114	Fabrication of continuous mesoporous carbon films with face-centered orthorhombic symmetry through a soft templating pathway. <i>Journal of Materials Chemistry</i> , 2007, 17, 3639.	6.7	124
115	Synthesis of Ordered Mesoporous Zirconium Phosphate Films by Spin Coating and Vapor Treatments. <i>Langmuir</i> , 2006, 22, 9469-9472.	3.5	32
116	Structure of Mesoporous Silica Thin Films Prepared by Contacting PEO106~PPO70~PEO106 Films with Vaporized TEOS. <i>Chemistry of Materials</i> , 2006, 18, 5461-5466.	6.7	49
117	Mesophase Control of Mesoporous Silica Thin Films by Vapor-phase Preparation. <i>Chemistry Letters</i> , 2006, 35, 928-929.	1.3	5
118	Vapor infiltration techniques for spin-on mesoporous silica films. <i>Thin Solid Films</i> , 2006, 495, 186-190.	1.8	13
119	Formation of Ordered Mesostructured Silica by Vapor Infiltration of Tetraethoxysilane into Hexagonally Arranged Surfactant~Catalyst Nanocomposites. <i>Chemistry Letters</i> , 2005, 34, 1148-1149.	1.3	16
120	Synthesis of ordered mesoporous carbons with channel structure from an organic~organic nanocomposite. <i>Chemical Communications</i> , 2005, , 2125-2127.	4.1	492
121	Incorporation of Organic Groups within the Channel Wall of Spin-On Mesostructured Silica Films by a Vapor Infiltration Technique. <i>Langmuir</i> , 2004, 20, 3780-3784.	3.5	23
122	Nano-Architectural Silica Thin Films with Two-Dimensionally Connected Cage-like Pores Synthesized from Vapor Phase. <i>Journal of the American Chemical Society</i> , 2004, 126, 4854-4858.	13.7	74
123	Ultrathin Silica Films with a Nanoporous Monolayer. <i>Chemistry Letters</i> , 2004, 33, 1408-1409.	1.3	11
124	Improved thermal stability of mesoporous molecular sieves by vapor infiltration treatment. <i>Microporous and Mesoporous Materials</i> , 2003, 63, 105-112.	4.4	17
125	Vapor-Phase Synthesis of Mesoporous Silica Thin Films. <i>Chemistry of Materials</i> , 2003, 15, 1006-1011.	6.7	110
126	Periodic porous silica for low dielectric films. <i>Membrane</i> , 2003, 28, 177-184.	0.0	0

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127	Ordered Mesoporous Silica Films Synthesized from Vapor Phase. Materials Research Society Symposia Proceedings, 2003, 775, 3121.	0.1	0
128	Vapor Treatments of Spin-On Mesostructured Silica Films for the Enhancement of Structural Stability. Materials Research Society Symposia Proceedings, 2003, 775, 331.	0.1	0
129	Novel Periodic Nanoporous Silicate Glass With High Structural Stability as Low-k Thin Film. Materials Research Society Symposia Proceedings, 2002, 716, 1261.	0.1	4
130	Synthesis of Ordered Nanoporous Silica Film With High Structural Stability. Materials Research Society Symposia Proceedings, 2002, 716, 521.	0.1	3
131	Enhancement of Structural Stability of Mesoporous Silica Thin Films Prepared by Spin-Coating. Chemistry of Materials, 2002, 14, 4229-4234.	6.7	72
132	Morphology Control of Ordered Mesoporous Carbon Using Organic-Templating Approach. , 0, , .		2
133	OSDA-free and steam-assisted synthesis of PHI type zeolite showing unique CO2 adsorption behaviour. CrystEngComm, 0, , .	2.6	7