Luca Malfatti

List of Publications by Year
in descending order

149 papers	4,078 citations	126907 33 h-index	155660 55 g-index
154 all docs	154 docs citations	154 times ranked	5086 citing authors

#	Article	IF	Citations
1	Application of IR and UVâ€“VIS spectroscopies and multivariate analysis for the classification of waste vegetable oils. Resources, Conservation and Recycling, 2022, 178, 106088.	10.8	10
2	Comparative Evaluation of Graphene Nanostructures in GERS Platforms for Pesticide Detection. ACS Omega, 2022, 7, 5670-5678.	3.5	2
3	Highly Photostable Carbon Dots from Citric Acid for Bioimaging. Materials, 2022, 15, 2395.	2.9	8
4	Improving the Photocatalytic Activity of Mesoporous Titania Films through the Formation of WS2/TiO2 Nano-Heterostructures. Nanomaterials, 2022, 12, 1074.	4.1	7
5	Harnessing Molecular Fluorophores in the Carbon Dots Matrix: The Case of Safranin O. Nanomaterials, 2022, 12, 2351.	4.1	3
6	Polymerizationâ€Driven Photoluminescence in Alkanolamineâ€Based Câ€Dots. Chemistry - A European Journal, 2021, 27, 2543-2550.	3.3	10
7	Silica-graphene porous nanocomposites for environmental remediation: A critical review. Journal of Environmental Management, 2021, 278, 111519.	7.8	9
8	Reactivity of silanol group on siloxane oligomers for designing molecular structure and surface wettability. Journal of Sol-Gel Science and Technology, 2021, 97, 734-742.	2.4	4
9	Boron Nitrideâ€“Titania Mesoporous Film Heterostructures. Langmuir, 2021, 37, 5348-5355.	3.5	12
10	Ce Doping Boosts the Thermoâ€•and Photocatalytic Oxidation of CO at Low Temperature in TiZrO 4 Solid Solutions. Advanced Materials Interfaces, 2021, 8, 2100532.	3.7	0
11	Thermal Induced Polymerization of <scp>l</scp>â€Lysine forms Branched Particles with Blue Fluorescence. Macromolecular Chemistry and Physics, 2021, 222, 2100242.	2.2	11
12	Real-time quantitative detection of styrene in atmosphere in presence of other volatile-organic compounds using a portable device. Talanta, 2021, 233, 122510.	5.5	10
13	Engineering UV-emitting defects in h-BN nanodots by a top-down route. Applied Surface Science, 2021, 567, 150727.	6.1	4
14	Fluorescence-based selective nitrite ion sensing by amino-capped carbon dots. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100573.	2.9	3
15	Effective SARS-CoV-2 antiviral activity of hyperbranched polylysine nanopolymers. Nanoscale, 2021, 13, 16465-16476.	5.6	13
16	Citric Acid Derived Carbon Dots, the Challenge of Understanding the Synthesis-Structure Relationship. Journal of Carbon Research, 2021, 7, 2.	2.7	38
17	Classification of Unifloral Honeys from SARDINIA (Italy) by ATR-FTIR Spectroscopy and Random Forest. Molecules, 2021, 26, 88.	3.8	12
18	Boron oxynitride two-colour fluorescent dots and their incorporation in a hybrid organic-inorganic film. Journal of Colloid and Interface Science, 2020, 560, 398-406.	9.4	24

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19	Performance of oil sorbents based on reduced graphene oxideâ€“silica composite aerogels. Journal of Environmental Chemical Engineering, 2020, 8, 103632.	6.7	37
20	Phenyl-modified hybrid organic-inorganic microporous films as high efficient platforms for styrene sensing. Microporous and Mesoporous Materials, 2020, 294, 109877.	4.4	8
21	Modulating the Optical Properties of Citrazinic Acid through the Monomer-to-Dimer Transformation. Journal of Physical Chemistry A, 2020, 124, 197-203.	2.5	20
22	Reversible Aggregation of Molecular-Like Fluorophores Driven by Extreme pH in Carbon Dots. Materials, 2020, 13, 3654.	2.9	8
23	Fulleropyrrolidine-functionalized ceria nanoparticles as a tethered dual nanosystem with improved antioxidant properties. Nanoscale Advances, 2020, 2, 2387-2396.	4.6	7
24	Anomalous Optical Properties of Citrazinic Acid under Extreme pH Conditions. ACS Omega, 2020, 5, 10958-10964.	3.5	20
25	How porosity affects the emission of fluorescent carbon dot-silica porous composites. Microporous and Mesoporous Materials, 2020, 305, 110302.	4.4	11
26	Integrating sol-gel and carbon dots chemistry for the fabrication of fluorescent hybrid organic-inorganic films. Scientific Reports, 2020, 10, 4770.	3.3	51
27	Defect-assisted photoluminescence in hexagonal boron nitride nanosheets. 2D Materials, 2020, 7, 045023.	4.4	17
28	Carbon Dots from Citric Acid and its Intermediates Formed by Thermal Decomposition. Chemistry - A European Journal, 2019, 25, 11963-11974.	3.3	99
29	CeO_{<i>x</i>}/TiO₂ (Rutile) Nanocomposites for the Low-Temperature Dehydrogenation of Ethanol to Acetaldehyde: A Diffuse Reflectance Infrared Fourier Transform Spectroscopyâ€“Mass Spectrometry Study. ACS Applied Nano Materials, 2019, 2, 3434-3443.	5.0	11
30	Mesoporous materials as platforms for surface-enhanced Raman scattering. TrAC - Trends in Analytical Chemistry, 2019, 114, 233-241.	11.4	19
31	Solâ€Gel Chemistry for Carbon Dots. Chemical Record, 2018, 18, 1192-1202.	5.8	28
32	Photoluminescence of zinc oxide mesostructured films doped with Rhodamine 6G. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 357, 30-35.	3.9	2
33	Highly durable graphene-mediated surface enhanced Raman scattering (G-SERS) nanocomposites for molecular detection. Applied Surface Science, 2018, 450, 451-460.	6.1	63
34	Selective detection of organophosphate through molecularly imprinted GERSâ€active hybrid organicâ€“inorganic materials. Journal of Raman Spectroscopy, 2018, 49, 189-197.	2.5	10
35	Graphene Oxide/Iron Oxide Nanocomposites for Water Remediation. ACS Applied Nano Materials, 2018, 1, 6724-6732.	5.0	53
36	Carbon Dots in Water and Mesoporous Matrix: Chasing the Origin of their Photoluminescence. Journal of Physical Chemistry C, 2018, 122, 25638-25650.	3.1	50

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37	Graphene Oxide-Silver Nanoparticles in Molecularly-Imprinted Hybrid Films Enabling SERS Selective Sensing. Materials, 2018, 11, 1674.	2.9	16
38	Lighting up Eu³⁺ luminescence through remote sensitization in silica nanoarchitectures. Journal of Materials Chemistry C, 2018, 6, 7479-7486.	5.5	10
39	A MOF-based carrier for<i>in situ</i>dopamine delivery. RSC Advances, 2018, 8, 25664-25672.	3.6	35
40	Nanoparticles in mesoporous films, a happy marriage for materials science. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	13
41	Graphene and Carbon Dots in Mesoporous Materials. , 2018, , 2339-2368.		0
42	Cerium oxide nanoparticles (CeO2 NPs) improve the developmental competence of in vitro-matured prepubertal ovine oocytes. Reproduction, Fertility and Development, 2017, 29, 1046.	0.4	20
43	Mesoscale organization of titania thin films enables oxygen sensing at room temperature. Journal of Materials Chemistry C, 2017, 5, 11815-11823.	5.5	11
44	Design of Carbon Dots Photoluminescence through Organo-Functional Silane Grafting for Solid-State Emitting Devices. Scientific Reports, 2017, 7, 5469.	3.3	68
45	Ferrates for water remediation. Reviews in Environmental Science and Biotechnology, 2017, 16, 15-35.	8.1	14
46	Greener Chemistry for Hybrid Materials, Alcoholâ€Free Synthesis with an Epoxyâ€Cyclohexyl Precursor. Macromolecular Materials and Engineering, 2017, 302, 1600394.	3.6	0
47	Incorporation of graphene into silica-based aerogels and application for water remediation. RSC Advances, 2016, 6, 66516-66523.	3.6	30
48	Improving the Selective Efficiency of Graphene-Mediated Enhanced Raman Scattering through Molecular Imprinting. ACS Applied Materials & Interfaces, 2016, 8, 34098-34107.	8.0	18
49	Hard X-rays for processing hybrid organicâ€“inorganic thick films. Journal of Synchrotron Radiation, 2016, 23, 267-273.	2.4	5
50	In situ growth of Ag nanoparticles in grapheneâ€“TiO2 mesoporous films induced by hard X-ray. Journal of Sol-Gel Science and Technology, 2016, 79, 295-302.	2.4	11
51	Carbon dots in ZnO macroporous films with controlled photoluminescence through defects engineering. RSC Advances, 2016, 6, 55393-55400.	3.6	15
52	Magnetic coreâ€“shell nanoparticles coated with a molecularly imprinted organogel for organophosphate hydrolysis. Journal of Sol-Gel Science and Technology, 2016, 79, 395-404.	2.4	4
53	Double responsive copolymer hydrogels prepared by frontal polymerization. Journal of Polymer Science Part A, 2016, 54, 2166-2170.	2.3	19
54	New data on the presence of celestite into fossil bones from the uppermost Cretaceous MolÃ-del BarÃ³-1 site (Spain) and an alternative hypothesis on its origin. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2016, 119, 41-49.	2.9	7

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55	Cerium dioxide nanoparticles did not alter the functional and morphologic characteristics of ram sperm during short-term exposure. Theriogenology, 2016, 85, 1274-1281.e3.	2.1	25
56	Graphene and Carbon Dots in Mesoporous Materials. , 2016, , 1-30.		0
57	New insights about the presence of celestite into fossil bones from MolÃ-del BarÃ³ 1 site (Isona i Conca) Tj ETQq1 1 0.784314 rgBT /Ov	2.3	4
58	Ceria nanoparticles for the treatment of Parkinson-like diseases induced by chronic manganese intoxication. RSC Advances, 2015, 5, 20432-20439.	3.6	38
59	Energy Transfer Induced by Carbon Quantum Dots in Porous Zinc Oxide Nanocomposite Films. Journal of Physical Chemistry C, 2015, 119, 2837-2843.	3.1	55
60	Tuning the phase transition of ZnO thin films through lithography: an integrated bottom-up andÂtop-down processing. Journal of Synchrotron Radiation, 2015, 22, 165-171.	2.4	11
61	Introducing Ti-GERS: Raman Scattering Enhancement in Graphene-Mesoporous Titania Films. Journal of Physical Chemistry Letters, 2015, 6, 3149-3154.	4.6	15
62	Graphene and carbon nanodots in mesoporous materials: an interactive platform for functional applications. Nanoscale, 2015, 7, 12759-12772.	5.6	60
63	Multifunctionalization of wool fabrics through nanoparticles: A chemical route towards smart textiles. Journal of Colloid and Interface Science, 2015, 456, 85-92.	9.4	47
64	Solâ€toâ€Gel Transition in Fast Evaporating Systems Observed by in Situ Timeâ€Resolved Infrared Spectroscopy. ChemPhysChem, 2015, 16, 1933-1939.	2.1	14
65	Getting order in mesostructured thin films, from pore organization to crystalline walls, the case of 3-glycidoxypropyltrimethoxysilane. Physical Chemistry Chemical Physics, 2015, 17, 10679-10686.	2.8	8
66	ZnO as an Efficient Nucleating Agent for Rapid, Room Temperature Synthesis and Patterning of Zn-Based Metalâ€“Organic Frameworks. Chemistry of Materials, 2015, 27, 690-699.	6.7	60
67	Responsive microstructures on organicâ€“inorganic hybrid films. Journal of Sol-Gel Science and Technology, 2014, 70, 272-277.	2.4	4
68	Hard X-rays and soft-matter: processing of solâ€“gel films from a top down route. Journal of Sol-Gel Science and Technology, 2014, 70, 236-244.	2.4	11
69	Micropattern Formation by Molecular Migration via UVâ€Induced Dehydration of Block Copolymers. Advanced Functional Materials, 2014, 24, 2801-2809.	14.9	5
70	Graphene-mediated surface enhanced Raman scattering in silica mesoporous nanocomposite films. Physical Chemistry Chemical Physics, 2014, 16, 25809-25818.	2.8	32
71	Exfoliated Graphene into Highly Ordered Mesoporous Titania Films: Highly Performing Nanocomposites from Integrated Processing. ACS Applied Materials & Interfaces, 2014, 6, 795-802.	8.0	27
72	Engineering the surface of hybrid organicâ€“inorganic films with orthogonal grafting of oxide nanoparticles. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	4

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73	Smart tailoring of the surface chemistry in GPTMS hybrid organicâ€“inorganic films. New Journal of Chemistry, 2014, 38, 1635-1640.	2.8	21
74	Enhanced Photocatalytic Activity in Low-Temperature Processed Titania Mesoporous Films. Journal of Physical Chemistry C, 2014, 118, 12000-12009.	3.1	22
75	Solâ€“gel chemistry for grapheneâ€“silica nanocomposite films. New Journal of Chemistry, 2014, 38, 3777-3782.	2.8	27
76	3D Spatially Controlled Chemical Functionalization on Alumina Membranes. Science of Advanced Materials, 2014, 6, 1520-1524.	0.7	0
77	Photodegradation of rhodamine 6G dimers in silica solâ€“gel films. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 271, 93-98.	3.9	26
78	Molecularly imprinted La-doped mesoporous titania films with hydrolytic properties toward organophosphate pesticides. New Journal of Chemistry, 2013, 37, 2995.	2.8	25
79	Applications of magnetic metalâ€“organic framework composites. Journal of Materials Chemistry A, 2013, 1, 13033.	10.3	275
80	Mesoporous thin films: properties and applications. Chemical Society Reviews, 2013, 42, 4198.	38.1	267
81	Combining Top-Down and Bottom-Up Routes for Fabrication of Mesoporous Titania Films Containing Ceria Nanoparticles for Free Radical Scavenging. ACS Applied Materials & Interfaces, 2013, 5, 3168-3175.	8.0	22
82	Strain-driven self-rolling of hybrid organicâ€“inorganic microrolls: interfaces with self-assembled particles. NPG Asia Materials, 2012, 4, e22-e22.	7.9	17
83	Microfabrication of mesoporous silica encapsulated enzymes using deep X-ray lithography. Journal of Materials Chemistry, 2012, 22, 16191.	6.7	13
84	Pore-confined synthesis of mesoporous nanocrystalline Laâ€“Ce phosphate films for sensing applications. Journal of Materials Chemistry, 2012, 22, 20498.	6.7	9
85	Hard X-rays meet soft matter: when bottom-up and top-down get along well. Soft Matter, 2012, 8, 3722.	2.7	33
86	In Situ Time-Resolved SAXS Study of the Formation of Mesostructured Organically Modified Silica through Modeling of Micelles Evolution during Surfactant-Templated Self-Assembly. Langmuir, 2012, 28, 17477-17493.	3.5	25
87	IR and X-ray time-resolved simultaneous experiments:Âan opportunity to investigate the dynamics of complex systems and non-equilibrium phenomena using third-generation synchrotron radiation sources. Journal of Synchrotron Radiation, 2012, 19, 892-904.	2.4	18
88	Coffee stain-driven self-assembly of mesoporous rings. Microporous and Mesoporous Materials, 2012, 163, 356-362.	4.4	11
89	Top-down patterning of Zeolitic Imidazolate Framework composite thin films by deep X-ray lithography. Chemical Communications, 2012, 48, 7483.	4.1	51
90	Release of Ceria Nanoparticles Grafted on Hybrid Organicâ€“Inorganic Films for Biomedical Application. ACS Applied Materials & Interfaces, 2012, 4, 3916-3922.	8.0	20

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91	Hybrid materials with an increased resistance to hard X-rays using fullerenes as radical sponges. Journal of Synchrotron Radiation, 2012, 19, 586-590.	2.4	11
92	Direct nano-in-micropatterning of TiO2 thin layers and TiO2/Pt nanoelectrode arrays by deep X-ray lithography. Journal of Materials Chemistry, 2011, 21, 3597.	6.7	36
93	Simultaneous in situ and Time-Resolved Study of Hierarchical Porous Films Templated by Salt Nanocrystals and Self-Assembled Micelles. Journal of Physical Chemistry C, 2011, 115, 12702-12707.	3.1	3
94	Controlling shape and dimensions of pores in organicâ€“inorganic films: nanocubes and nanospheres. New Journal of Chemistry, 2011, 35, 1624.	2.8	1
95	Chemical Tailoring of Hybrid Solâ˘'Gel Thick Coatings As Hosting Matrix for Functional Patterned Microstructures. ACS Applied Materials & Interfaces, 2011, 3, 245-251.	8.0	22
96	Shaping Mesoporous Films Using Dewetting on X-ray Pre-patterned Hydrophilic/Hydrophobic Layers and Pinning Effects at the Pattern Edge. Langmuir, 2011, 27, 3898-3905.	3.5	23
97	Structural Evolution during Evaporation of a 3-Glycidoxypropyltrimethoxysilane Film Studied in Situ by Time Resolved Infrared Spectroscopy. Journal of Physical Chemistry A, 2011, 115, 10438-10444.	2.5	15
98	Hierarchical Mesoporous Films: From Self-Assembly to Porosity with Different Length Scales. Chemistry of Materials, 2011, 23, 2501-2509.	6.7	135
99	Nanocomposite mesoporous ordered films for lab-on-chip intrinsic surface enhanced Raman scattering detection. Nanoscale, 2011, 3, 3760.	5.6	45
100	Solâ€“gel chemistry: from self-assembly to complex materials. Journal of Sol-Gel Science and Technology, 2011, 60, 226-235.	2.4	25
101	Time-resolved techniques for infrared and terahertz characterization with synchrotron radiation of evaporating systems. Rendiconti Lincei, 2011, 22, 81-91.	2.2	4
102	New opportunity to investigate physico-chemical phenomena: time-resolved X-ray and IR concurrent analysis. Rendiconti Lincei, 2011, 22, 59-79.	2.2	5
103	Densification of solâ€“gel silica thin films induced by hard X-rays generated by synchrotron radiation. Journal of Synchrotron Radiation, 2011, 18, 280-286.	2.4	26
104	Polypeptide binding to mesostructured titania films. Microporous and Mesoporous Materials, 2011, 142, 1-6.	4.4	16
105	Infrared and X-ray simultaneous spectroscopy: a novel conceptual beamline design for time resolved experiments. Analytical and Bioanalytical Chemistry, 2010, 397, 2095-2108.	3.7	10
106	Photoâ€Fabrication of Titania Hybrid Films with Tunable Hierarchical Structures and Stimuliâ€Responsive Properties. Advanced Materials, 2010, 22, 3303-3306.	21.0	20
107	An alternative solâ€“gel route for the preparation of thin films in CeO2â€“TiO2 binary system. Thin Solid Films, 2010, 518, 1653-1657.	1.8	14
108	Deep Xâ€ray Lithography for Direct Patterning of PECVD Films. Plasma Processes and Polymers, 2010, 7, 459-465.	3.0	19

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109	Solâ€“Gel Processing of Bi₂Ti₂O₇ and Bi₂Ti₄O₁₁ Films with Photocatalytic Activity. Journal of the American Ceramic Society, 2010, 93, 2897-2902.	3.8	27
110	Investigations of time-dependent chemical-physical phenomena with THz spectroscopy. , 2010, , .		0
111	Correlative Analysis of the Crystallization of Solâˆ’Gel Dense and Mesoporous Anatase Titania Films. Journal of Physical Chemistry C, 2010, 114, 22385-22391.	3.1	22
112	Writing Self-Assembled Mesostructured Films with In situ Formation of Gold Nanoparticles. Chemistry of Materials, 2010, 22, 2132-2137.	6.7	34
113	Hybrid Organicâˆ’Inorganic Mesostructured Membranes: Interfaces and Organization at Different Length Scales. Journal of Physical Chemistry C, 2010, 114, 11730-11740.	3.1	17
114	Evaporation-Induced Crystallization of Pluronic F127 Studied in Situ by Time-Resolved Infrared Spectroscopy. Journal of Physical Chemistry A, 2010, 114, 304-308.	2.5	48
115	Sophorolipids: a yeast-derived glycolipid as greener structure directing agents for self-assembled nanomaterials. Green Chemistry, 2010, 12, 1564.	9.0	62
116	Controlling the Processing of Mesoporous Titania Films by in Situ FTIR Spectroscopy: Getting Crystalline Micelles into the Mesopores. Journal of Physical Chemistry C, 2010, 114, 10806-10811.	3.1	17
117	Fabrication of Advanced Functional Devices Combining Soft Chemistry with Xâ€ray Lithography in One Step. Advanced Materials, 2009, 21, 4932-4936.	21.0	63
118	Formation of cerium titanate, CeTi2O6, in solâ€“gel films studied by XRD and FAR infrared spectroscopy. Journal of Sol-Gel Science and Technology, 2009, 52, 356-361.	2.4	18
119	Synchrotron radiation - a brilliant source for solid-state research in the infrared energy domain. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1999-2007.	0.8	3
120	Mesostructured self-assembled silica films with reversible thermo-photochromic properties. Microporous and Mesoporous Materials, 2009, 120, 375-380.	4.4	6
121	Absolute emission quantum yield determination of self-assembled mesoporous titania films grafted with a luminescent zinc complex. Inorganic Chemistry Communication, 2009, 12, 237-239.	3.9	5
122	One-Pot Route to Produce Hierarchically Porous Titania Thin Films by Controlled Self-Assembly, Swelling, and Phase Separation. Chemistry of Materials, 2009, 21, 2763-2769.	6.7	71
123	Self-Assembly of Shape Controlled Hierarchical Porous Thin Films: Mesopores and Nanoboxes. Chemistry of Materials, 2009, 21, 4846-4850.	6.7	21
124	Application of Terahertz Spectroscopy to Time-Dependent Chemical-Physical Phenomena. Journal of Physical Chemistry A, 2009, 113, 9418-9423.	2.5	12
125	Water Evaporation Studied by In Situ Time-Resolved Infrared Spectroscopy. Journal of Physical Chemistry A, 2009, 113, 2745-2749.	2.5	18
126	Hierarchical Porous Silica Films with Ultralow Refractive Index. Chemistry of Materials, 2009, 21, 2055-2061.	6.7	57

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127	Orderâˆ'Disorder in Self-Assembled Mesostructured Silica Films: A Concepts Review. Chemistry of Materials, 2009, 21, 2555-2564.	6.7	113
128	Stain Effects Studied by Time-Resolved Infrared Imaging. Analytical Chemistry, 2009, 81, 551-556.	6.5	17
129	Time Resolved IR and X-Ray Simultaneous Spectroscopy: New Opportunities for the Analysis of Fast Chemical-Physical Phenomena in Materials Science. Acta Physica Polonica A, 2009, 115, 489-500.	0.5	16
130	In-situ study of solâ€"gel processing by time-resolved infrared spectroscopy. Journal of Sol-Gel Science and Technology, 2008, 48, 253-259.	2.4	15
131	Bottom-up and top-down approach for periodic microstructures on thin oxide films by controlled photo-activated chemical processes. Journal of Sol-Gel Science and Technology, 2008, 48, 182-186.	2.4	11
132	Blue-emitting mesoporous films prepared via incorporation of luminescent Schiff base zinc(II) complex. Journal of Sol-Gel Science and Technology, 2008, 47, 283-289.	2.4	11
133	Fabrication of Mesoporous Functionalized Arrays by Integrating Deep Xâ€Ray Lithography with Dipâ€Pen Writing. Advanced Materials, 2008, 20, 1864-1869.	21.0	45
134	Confined growth of iron cobalt nanocrystals in mesoporous silica thin films: FeCoâ€"SiO2 nanocomposites. Microporous and Mesoporous Materials, 2008, 115, 338-344.	4.4	28
135	Aggregation States of Rhodamine 6G in Mesostructured Silica Films. Journal of Physical Chemistry C, 2008, 112, 16225-16230.	3.1	66
136	Evaporation of Ethanol and Ethanolâ˜'Water Mixtures Studied by Time-Resolved Infrared Spectroscopy. Journal of Physical Chemistry A, 2008, 112, 6512-6516.	2.5	81
137	Self-Assembled Mesoporous Silicaâ˜'Germania Films. Chemistry of Materials, 2008, 20, 3259-3265.	6.7	11
138	Mesoporous Aluminophosphate Thin Films with Cubic Pore Arrangement. Langmuir, 2008, 24, 6220-6225.	3.5	21
139	Time-Resolved Simultaneous Detection of Structural and Chemical Changes during Self-Assembly of Mesostructured Films. Journal of Physical Chemistry C, 2007, 111, 5345-5350.	3.1	54
140	Thermal Stability of Lysozyme Langmuirâ˜'Schaefer Films by FTIR Spectroscopy. Langmuir, 2007, 23, 1147-1151.	3.5	36
141	Highly ordered self-assembled mesostructured membranes: Porous structure and pore surface coverage. Microporous and Mesoporous Materials, 2007, 103, 113-122.	4.4	30
142	Hafnia sol-gel films synthesized from HfCl4: Changes of structure and properties with the firing temperature. Journal of Sol-Gel Science and Technology, 2007, 42, 89-93.	2.4	30
143	Photocurable silica hybrid organicâ€"inorganic films for photonic applications. Journal of Sol-Gel Science and Technology, 2007, 44, 59-64.	2.4	12
144	Highly Ordered Self-Assembled Mesostructured Hafnia Thin Films:Â An Example of Rewritable Mesostructure. Chemistry of Materials, 2006, 18, 4553-4560.	6.7	25

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145	Mesostructured self-assembled titania films for photovoltaic applications. Microporous and Mesoporous Materials, 2006, 88, 304-311.	4.4	48
146	Thermal-induced phase transitions in self-assembled mesostructured films studied by small-angle X-ray scattering. Journal of Synchrotron Radiation, 2005, 12, 734-738.	2.4	35
147	Kinetics of polycondensation reactions during self-assembly of mesostructured films studied by in situ infrared spectroscopy. Chemical Communications, 2005, , 2384.	4.1	26
148	Highly Ordered â€œDefect-Freeâ€•Self-Assembled Hybrid Films with a Tetragonal Mesostructure. Journal of the American Chemical Society, 2005, 127, 3838-3846.	13.7	69
149	PbS-Doped Mesostructured Silica Films with High Optical Nonlinearity. Chemistry of Materials, 2005, 17, 4965-4970.	6.7	52