Galo J A A Soler Illia

List of Publications by Year
in descending order

164 papers	13,009 citations	36203 51 h-index	22764 112 g-index
167 all docs	167 docs citations	167 times ranked	11561 citing authors

#	Article	IF	Citations
1	Controlling the local-ensemble structure in mesoporous hybrid titania-silica thin films containing aminopropyl groups. Journal of Sol-Gel Science and Technology, 2022, 102, 172-184.	1.1	4
2	Mechanical properties of ordered mesoporous oxides thin films. Journal of Sol-Gel Science and Technology, 2022, 101, 114-139.	1.1	10
3	Nanoencapsulation of isotropic and anisotropic particles through a green chemistry aerosol method: a scalable approach for ad-hoc surface tuning. Journal of Sol-Gel Science and Technology, 2022, 102, 208-218.	1.1	1
4	Importance of the Structural and Physicochemical Properties of Silica Nanoshells in the Photothermal Effect of Silica-Coated Au Nanoparticles Suspensions. Langmuir, 2022, 38, 3876-3886.	1.6	5
5	A versatile one-pot room temperature approach for the synthesis of gold nanoparticles with multiple sizes and shapes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 646, 128890.	2.3	3
6	Droplets in underlying chemical communication recreate cell interaction behaviors. Nature Communications, 2022, 13, .	5.8	11
7	Nanopore-Mediated Spontaneous Dilution of Droplets: When Evaporation Turns to a Dilutor. Journal of Physical Chemistry B, 2021, 125, 1241-1247.	1.2	2
8	Zinc porphyrin/mesoporous titania thin film electrodes: a hybrid material nanoarchitecture for photocatalytic reduction. RSC Advances, 2021, 11, 31124-31130.	1.7	2
9	Immunosensor based on porous gold and reduced graphene platform for the determination of EE2 by electrochemical impedance spectroscopy. Journal of Electroanalytical Chemistry, 2021, 897, 115604.	1.9	8
10	Virtual Issue on Multifunctional Nanoporous Materials in Latin America. Chemistry of Materials, 2021, 33, 7569-7571.	3.2	5
11	Molecular Transport through TiO₂ Mesoporous Thin Films: Correlation with the Partially Blocked Electrode Model. Journal of Physical Chemistry C, 2021, 125, 23521-23532.	1.5	4
12	Introduction to celebrating Latin American talent in chemistry. RSC Advances, 2021, 11, 40216-40219.	1.7	1
13	Polyacrylonitrile and Hybrid SBA-15: A Robust Composite Material for Use as Copper (II) Adsorbent in Flow Conditions. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1206-1217.	1.9	2
14	Mild Homogeneous Synthesis of Gold Nanoparticles through the Epoxide Route: Kinetics, Mechanisms, and Related Oneâ€Pot Composites. Chemistry - A European Journal, 2020, 26, 3157-3165.	1.7	8
15	A general method to produce mesoporous oxide spherical particles through an aerosol method from aqueous solutions. Journal of Sol-Gel Science and Technology, 2020, 94, 195-204.	1.1	6
16	Tunable Energy-Transfer Process in Heterometallic MOF Materials Based on 2,6-Naphthalenedicarboxylate: Solid-State Lighting and Near-Infrared Luminescence Thermometry. Chemistry of Materials, 2020, 32, 7458-7468.	3.2	54
17	E-waste upcycling for the synthesis of plasmonic responsive gold nanoparticles. Waste Management, 2020, 117, 9-17.	3.7	13
18	Preparation of mesoporous silica thin films at low temperature: a comparison of mild structure consolidation and template extraction procedures. Journal of Sol-Gel Science and Technology, 2020, 96, 287-296.	1.1	8

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19	Mesoporous Thin Films for Acoustic Devices in the Gigahertz Range. Journal of Physical Chemistry C, 2020, 124, 17165-17171.	1.5	6
20	Chain-like uranyl-coordination polymer as a bright green light emitter for sensing and sunlight driven photocatalysis. Journal of Materials Chemistry C, 2020, 8, 11102-11109.	2.7	7
21	Metalloporphyrins into mesoporous photonic crystals: towards molecularly-tuned photonic sensing devices. Sensors and Actuators B: Chemical, 2020, 309, 127712.	4.0	10
22	Nanopore-Enhanced Drop Evaporation: When Cooler or More Saline Water Droplets Evaporate Faster. ACS Nano, 2020, 14, 2702-2708.	7.3	20
23	Light-Induced Polymer Response through Thermoplasmonics Transduction in Highly Monodisperse Core-Shell-Brush Nanosystems. Langmuir, 2020, 36, 1965-1974.	1.6	10
24	Gold Recycling at Laboratory Scale: From Nanowaste to Nanospheres. ChemSusChem, 2019, 12, 4882-4888.	3.6	16
25	Microparticles with hetero-nanointerfaces: controlled assembly of cobalt hydroxide and nickel hydroxide nanoclusters towards improved electrochemical functions. Journal of Materials Chemistry A, 2019, 7, 25290-25296.	5.2	11
26	Charge percolation in redox-active thin membrane hybrids of mesoporous silica and poly(viologens). Physical Chemistry Chemical Physics, 2019, 21, 2743-2754.	1.3	5
27	Controlling dispersion, stability and polymer content on PDEGMA-functionalized core-brush silica colloids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 574, 12-20.	2.3	15
28	Use of Confinement Effects in Mesoporous Materials to Build Tailored Nanoarchitectures. , 2019, , 331-348.		8
29	Chemical Stability of Mesoporous Oxide Thin Film Electrodes under Electrochemical Cycling: from Dissolution to Stabilization. Langmuir, 2019, 35, 6279-6287.	1.6	31
30	TiO₂ mesoporous thin film architecture as a tool to control Au nanoparticles growth and sensing capabilities. Physical Chemistry Chemical Physics, 2019, 21, 10347-10356.	1.3	18
31	Transforming an inert nanopolymer into broad-spectrum bactericidal by superstructure tuning. Colloids and Surfaces B: Biointerfaces, 2019, 178, 214-221.	2.5	6
32	1D lanthanide coordination polymers based on lanthanides and 4â€²-hydroxi-4-biphenylcarboxylic acid: Synthesis, structures and luminescence properties. Journal of Solid State Chemistry, 2019, 274, 322-328.	1.4	8
33	Luminescent Lanthanide Metal Organic Frameworks as Chemosensing Platforms towards Agrochemicals and Cations. Sensors, 2019, 19, 1260.	2.1	22
34	Mesoporous microspheres of nickel-based layered hydroxides by aerosol-assisted self-assembly using crystalline nano-building blocks. Journal of Sol-Gel Science and Technology, 2019, 89, 216-224.	1.1	10
35	Click-based thiol-ene photografting of COOH groups to SiO2 nanoparticles: Strategies comparison. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 562, 61-70.	2.3	7
36	Highly Ordered Mesoporous Hydroxide Thin Films through Self-Assembly of Size-Tailored Nanobuilding Blocks: A Theoretical-Experimental Approach. Chemistry of Materials, 2019, 31, 322-330.	3.2	23

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37	Novel Electrochemical Paper-Based Immunocapture Assay for the Quantitative Determination of Ethinylestradiol in Water Samples. Analytical Chemistry, 2018, 90, 4104-4111.	3.2	60
38	Insight into the Metal Contentâ€“Structureâ€“Property Relationship in Lanthanide Metalâ€“Organic Frameworks: Optical Studies, Magnetism, and Catalytic Performance. European Journal of Inorganic Chemistry, 2018, 2018, 2452-2460.	1.0	20
39	Impact of the titania nanostructure on charge transport and its application in hybrid solar cells. Applied Nanoscience (Switzerland), 2018, 8, 665-673.	1.6	2
40	Exploring physical and chemical properties in new multifunctional indium-, bismuth-, and zinc-based 1D and 2D coordination polymers. Dalton Transactions, 2018, 47, 1808-1818.	1.6	22
41	Electrostatically Driven Protein Adsorption: Charge Patches versus Charge Regulation. Langmuir, 2018, 34, 15727-15738.	1.6	26
42	Ethinylestradiol quantification in drinking water sources using a fluorescent paper based immunosensor. Microchemical Journal, 2018, 141, 287-293.	2.3	14
43	Au Nanoparticlesâ€“Mesoporous TiO₂ Thin Films Composites as SERS Sensors: A Systematic Performance Analysis. Journal of Physical Chemistry C, 2018, 122, 13095-13105.	1.5	42
44	Paper based analytical device modified with nanoporous material for the fluorescent sensing of gliadin content in different food samples. Microchemical Journal, 2018, 142, 78-84.	2.3	10
45	2D-SAXS In Situ Measurements as a Tool To Study Elusive Mesoporous Phases: The Case of p6mm TiO2. Journal of Physical Chemistry C, 2017, 121, 3623-3631.	1.5	8
46	Water Confined in Mesoporous TiO₂ Aerosols: Insights from NMR Experiments and Molecular Dynamics Simulations. Journal of Physical Chemistry C, 2017, 121, 7533-7541.	1.5	27
47	Flexible Ligandâ€Based Lanthanide Threeâ€Dimensional Metalâ€“Organic Frameworks with Tunable Solidâ€State Photoluminescence and OHâ€Solventâ€Sensing Properties. European Journal of Inorganic Chemistry, 2017, 2017, 2321-2331.	1.0	19
48	Designed nanoparticleâ€“mesoporous multilayer nanocomposites as tunable plasmonicâ€“photonic architectures for electromagnetic field enhancement. Journal of Materials Chemistry C, 2017, 5, 3445-3455.	2.7	24
49	Antibiofilm effect of supramolecularly templated mesoporous silica coatings. Materials Science and Engineering C, 2017, 77, 1044-1049.	3.8	15
50	Rapid preparation of block copolymer templated mesoporous Zr_{1â^'x}Ce_xO₂ thin films. RSC Advances, 2017, 7, 26746-26755.	1.7	2
51	Multilayered Materials Comprising Mesoporous Thin Films and Metal Nanoparticles. Particle and Particle Systems Characterization, 2017, 34, 1600428.	1.2	8
52	Magnetic Gold Confined in Ordered Mesoporous Titania Thin Films: A Noble Approach for Magnetic Devices. ACS Applied Materials & Interfaces, 2017, 9, 965-971.	4.0	7
53	Formation of ordered mesostructured TiO₂ thin films: a soft coarse-grained simulation study. Physical Chemistry Chemical Physics, 2017, 19, 28249-28262.	1.3	18
54	Structural and Mechanical Evolution of Mesoporous Films with Thermal Treatment: The Case of Brij 58 Templated Titania. Journal of Physical Chemistry C, 2017, 121, 22576-22586.	1.5	21

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55	Diffusion of single dye molecules in hydrated TiO₂ mesoporous films. Physical Chemistry Chemical Physics, 2017, 19, 26540-26544.	1.3	13
56	Thermosensitive Cationâ€Selective Mesochannels: PNIPAMâ€Capped Mesoporous Thin Films as Bioinspired Interfacial Architectures with Concerted Functions. Chemistry - A European Journal, 2017, 23, 14500-14506.	1.7	23
57	Tethering Luminescent Thermometry and Plasmonics: Light Manipulation to Assess Real-Time Thermal Flow in Nanoarchitectures. Nano Letters, 2017, 17, 4746-4752.	4.5	50
58	Enzymatic tandem systems engineered from mesoporous thin films: Synergy leading to efficient starch-electricity conversion. Materials Today Communications, 2016, 7, 67-72.	0.9	5
59	Single-Nanometer-Sized Low-Valence Metal Hydroxide Crystals: Synthesis via Epoxide-Mediated Alkalinization and Assembly toward Functional Mesoporous Materials. Chemistry of Materials, 2016, 28, 5606-5610.	3.2	40
60	Optically transparent silver-loaded mesoporous thin film coating with long-lasting antibacterial activity. Microporous and Mesoporous Materials, 2016, 236, 158-166.	2.2	32
61	Luminescence, chemical sensing and mechanical properties of crystalline materials based on lanthanideâ€“sulfonate coordination polymers. RSC Advances, 2016, 6, 110171-110181.	1.7	19
62	Correction: Mesoporous titania thin films as efficient enzyme carriers for paraoxon determination/detoxification: effects of enzyme binding and pore hierarchy on the biocatalyst activity and reusability. Analyst, The, 2016, 141, 4235-4236.	1.7	1
63	A simple three step method for selective placement of organic groups in mesoporous silica thin films. Materials Chemistry and Physics, 2016, 169, 82-88.	2.0	5
64	Understanding the Zr and Si interdispersion in Zr_{1â^'x}Si_xO₂ mesoporous thin films by using FTIR and XANES spectroscopy. Dalton Transactions, 2016, 45, 9977-9987.	1.6	10
65	Glyco-nano-oncology: Novel therapeutic opportunities by combining small and sweet. Pharmacological Research, 2016, 109, 45-54.	3.1	37
66	Tuning the structure, dimensionality and luminescent properties of lanthanide metalâ€“organic frameworks under ancillary ligand influence. Dalton Transactions, 2016, 45, 646-656.	1.6	27
67	Three-Dimensional Electrochemical Lithography in Mesoporous TiO₂ Thin Films. Journal of Physical Chemistry C, 2015, 119, 28954-28960.	1.5	5
68	Gold Nanoparticles Supported in Zirconiaâ€“Ceria Mesoporous Thin Films: A Highly Active Reusable Heterogeneous Nanocatalyst. ACS Applied Materials & Interfaces, 2015, 7, 1114-1121.	4.0	35
69	Understanding the sensing mechanism of polyaniline resistive sensors. Effect of humidity on sensing of organic volatiles. Sensors and Actuators B: Chemical, 2015, 210, 574-580.	4.0	56
70	Mesoporous Hybrid Thin Film Membranes with PMETAC@Silica Architectures: Controlling Ionic Gating through the Tuning of Polyelectrolyte Density. Chemistry of Materials, 2015, 27, 808-821.	3.2	60
71	Gated supramolecular chemistry in hybrid mesoporous silica nanoarchitectures: controlled delivery and molecular transport in response to chemical, physical and biological stimuli. Chemical Communications, 2015, 51, 6050-6075.	2.2	149
72	Wired enzymes in mesoporous materials: A benchmark for fabricating biofuel cells. Bioelectrochemistry, 2015, 106, 14-21.	2.4	26

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73	Simple thiol-ene click chemistry modification of SBA-15 silica pores with carboxylic acids. Journal of Colloid and Interface Science, 2015, 450, 316-324.	5.0	22
74	Full solution processed mesostructured optical resonators integrating colloidal semiconductor quantum dots. Nanoscale, 2015, 7, 16583-16589.	2.8	9
75	Selective SERS Sensing Modulated by Functionalized Mesoporous Films. ACS Applied Materials & Interfaces, 2015, 7, 25633-25640.	4.0	29
76	Nanoâ€Đesigned Enzymeâ€“Functionalized Hierarchical Metalâ€“Oxide Mesoporous Thin Films: En Route to Versatile Biofuel Cells. Small, 2014, 10, 2834-2839.	5.2	28
77	Mesoporous titania thin films as efficient enzyme carriers for paraoxon determination/detoxification: effects of enzyme binding and pore hierarchy on the biocatalyst activity and reusability. Analyst, The, 2014, 139, 3127-3136.	1.7	24
78	Tamm Plasmon Resonance in Mesoporous Multilayers: Toward a Sensing Application. ACS Photonics, 2014, 1, 775-780.	3.2	171
79	Confinement-Induced Growth of Au Nanoparticles Entrapped in Mesoporous TiO2 Thin Films Evidenced by in Situ Thermo-Ellipsometry. Journal of Physical Chemistry C, 2014, 118, 13137-13151.	1.5	30
80	Silver Nanoparticle-Mesoporous Oxide Nanocomposite Thin Films: A Platform for Spatially Homogeneous SERS-Active Substrates with Enhanced Stability. ACS Applied Materials & Interfaces, 2014, 6, 5263-5272.	4.0	54
81	Hyaluronan degrading silica nanoparticles for skin cancer therapy. Nanoscale, 2013, 5, 9690.	2.8	51
82	One-step preparation of UV transparent highly ordered mesoporous zirconia thin films. Journal of Materials Chemistry C, 2013, 1, 1359-1367.	2.7	26
83	Structure, Dynamics, and Phase Behavior of Water in TiO₂ Nanopores. Journal of Physical Chemistry C, 2013, 117, 3330-3342.	1.5	63
84	Controlled adhesion and proliferation of a human osteoblastic cell line by tuning the nanoporosity of titania and silica coatings. Biomaterials Science, 2013, 1, 186-189.	2.6	22
85	Correlation between pore size and reactivity of macro/mesoporous iron and copper hexacyanoferrates for H2O2 electrocatalysis. Journal of Electroanalytical Chemistry, 2013, 706, 48-54.	1.9	8
86	Optical Properties of Au Nanoparticles Included in Mesoporous TiO₂ Thin Films: A Dual Experimental and Modeling Study. Journal of Physical Chemistry C, 2013, 117, 7246-7259.	1.5	39
87	Mesoporous Thin Films of TiO2 on Attenuated Total Reflection Crystals. An In Situ Fourier-Transform Infrared Study of the Kinetics and Equilibrium of Adsorption and Photocatalysis of Carboxylic Acids. Journal of Physical Chemistry C, 2013, 117, 15026-15034.	1.5	11
88	Heterogeneous Catalytic Activity of Platinum Nanoparticles Hosted in Mesoporous Silica Thin Films Modified with Polyelectrolyte Brushes. ACS Applied Materials & Interfaces, 2013, 5, 8833-8840.	4.0	35
89	Growth and branching of gold nanoparticles through mesoporous silica thin films. Nanoscale, 2012, 4, 931-939.	2.8	37
90	Proton and Calcium-Gated Ionic Mesochannels: Phosphate-Bearing Polymer Brushes Hosted in Mesoporous Thin Films As Biomimetic Interfacial Architectures. Langmuir, 2012, 28, 3583-3592.	1.6	67

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91	Critical aspects in the production of periodically ordered mesoporous titania thin films. Nanoscale, 2012, 4, 2549.	2.8	114
92	Highly Ordered, Accessible and Nanocrystalline Mesoporous TiO₂ Thin Films on Transparent Conductive Substrates. ACS Applied Materials & Interfaces, 2012, 4, 4320-4330.	4.0	58
93	Light-activated gating and permselectivity in interfacial architectures combining â€œcagedâ€•polymer brushes and mesoporous thin films. Chemical Communications, 2012, 48, 1422-1424.	2.2	59
94	Mesoporous ZnS Thin Films Prepared by a Nanocasting Route. Chemistry of Materials, 2012, 24, 1837-1845.	3.2	43
95	One-pot synthesis of silica monoliths with hierarchically porous structure. Microporous and Mesoporous Materials, 2012, 148, 137-144.	2.2	21
96	Aminopropyl-modified mesoporous silica SBA-15 as recovery agents of Cu(II)-sulfate solutions: Adsorption efficiency, functional stability and reusability aspects. Journal of Hazardous Materials, 2012, 223-224, 53-62.	6.5	74
97	Manipulation of Molecular Transport into Mesoporous Silica Thin Films by the Infiltration of Polyelectrolytes. Langmuir, 2011, 27, 4328-4333.	1.6	45
98	Hierarchical Mesoporous Films: From Self-Assembly to Porosity with Different Length Scales. Chemistry of Materials, 2011, 23, 2501-2509.	3.2	135
99	Multifunctional hybrids by combining ordered mesoporous materials and macromolecular building blocks. Chemical Society Reviews, 2011, 40, 1107.	18.7	266
100	Mesoporous hybrid and nanocomposite thin films. A solâ€“gel toolbox to create nanoconfined systems with localized chemical properties. Journal of Sol-Gel Science and Technology, 2011, 57, 299-312.	1.1	49
101	Mesoporous Pt and Pt/Ru alloy electrocatalysts for methanol oxidation. Journal of Power Sources, 2011, 196, 1723-1729.	4.0	47
102	Porous Supramolecularly Templated Optical Resonators Built in 1D Photonic Crystals. Advanced Functional Materials, 2011, 21, 2534-2540.	7.8	32
103	Thin films of cubic mesoporous aluminophosphates modified by silicon and manganese. Microporous and Mesoporous Materials, 2010, 135, 161-169.	2.2	11
104	Structure effects of self-assembled Prussian blue confined in highly organized mesoporous TiO2 on the electrocatalytic properties towards H2O2 detection. Biosensors and Bioelectronics, 2010, 26, 890-893.	5.3	25
105	Large-pore mesoporous titania-silica thin films (Ti1â^'xSixO2, 0.1â€…â‰€â€…xâ€…â‰€â€…0.9) with highly interdispersed mixed oxide frameworks. Comptes Rendus Chimie, 2010, 13, 256-269.	0.2	10
106	Polymeraseâ€Functionalized Hierarchical Mesoporous Titania Thin Films: Towards a Nanoreactor Platform for DNA Amplification. Small, 2010, 6, 1221-1225.	5.2	25
107	Electrical conductivity in patterned silverâ€“mesoporous titania nanocomposite thin films: towards robust 3D nano-electrodes. Physical Chemistry Chemical Physics, 2010, 12, 14445.	1.3	21
108	Aerosol-Assisted Production of Mesoporous Titania Microspheres with Enhanced Photocatalytic Activity: The Basis of an Improved Process. ACS Applied Materials & Interfaces, 2010, 2, 1663-1673.	4.0	50

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109	Amylase-Functionalized Mesoporous Silica Thin Films as Robust Biocatalyst Platforms. ACS Applied Materials & Interfaces, 2010, 2, 360-365.	4.0	52
110	One-Pot Synthesis of Hierarchically Structured Ceramic Monoliths with Adjustable Porosity. Chemistry of Materials, 2010, 22, 4379-4385.	3.2	62
111	Adsorption properties in high optical quality nanoZIF-8 thin films with tunable thickness. Journal of Materials Chemistry, 2010, 20, 7676.	6.7	151
112	Nanochemistry in Confined Environments: Polyelectrolyte Brush-Assisted Synthesis of Gold Nanoparticles inside Ordered Mesoporous Thin Films. Langmuir, 2010, 26, 5559-5567.	1.6	61
113	Controlled Deposition of Silver Nanoparticles in Mesoporous Singleâ€•or Multilayer Thin Films: From Tuned Pore Filling to Selective Spatial Location of Nanometric Objects. Small, 2009, 5, 272-280.	5.2	88
114	Striving for order and compositional homogeneity in bulk mesoporous zirconium titanium mixed metal oxides from triblock copolymers and metal chlorides. Microporous and Mesoporous Materials, 2009, 118, 443-452.	2.2	11
115	Chemical reactivity of amino-functionalized mesoporous silica thin films obtained by co-condensation and post-grafting routes. Microporous and Mesoporous Materials, 2009, 121, 67-72.	2.2	64
116	Reactivity of Au nanoparticles supported over SiO2 and TiO2 studied by ambient pressure photoelectron spectroscopy. Catalysis Today, 2009, 143, 158-166.	2.2	43
117	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.	3.2	71
118	Mesoporous Films and Polymer Brushes Helping Each Other To Modulate Ionic Transport in Nanoconfined Environments. An Interesting Example of Synergism in Functional Hybrid Assemblies. Journal of the American Chemical Society, 2009, 131, 10866-10868.	6.6	135
119	Carbonaceous submicron sized islands: a surface patterning route to hierarchical macro/mesoporous thin films. Journal of Materials Chemistry, 2009, 19, 4191.	6.7	8
120	Facile molecular design of hybrid functional assemblies with controllable transport properties: mesoporous films meet polyelectrolyte brushes. Chemical Communications, 2009, , 2553.	2.2	65
121	Patterned Production of Silverâ^'Mesoporous Titania Nanocomposite Thin Films Using Lithography-Assisted Metal Reduction. ACS Applied Materials & Interfaces, 2009, 1, 746-749.	4.0	43
122	Sorption Properties of Mesoporous Multilayer Thin Films. Journal of Physical Chemistry C, 2008, 112, 3157-3163.	1.5	110
123	Coupling Nanobuilding Block and Breath Figures Approaches for the Designed Construction of Hierarchically Templated Porous Materials and Membranes. Chemistry of Materials, 2008, 20, 1049-1056.	3.2	81
124	Mesoporous Aluminophosphate Thin Films with Cubic Pore Arrangement. Langmuir, 2008, 24, 6220-6225.	1.6	21
125	Mesoporous Aminopropyl-Functionalized Hybrid Thin Films with Modulable Surface and Environment-Responsive Behavior. Chemistry of Materials, 2008, 20, 4661-4668.	3.2	70
126	Mesoporous Thin Films: An Example of Pore Engineered Material. Key Engineering Materials, 2008, 391, 109-120.	0.4	3

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127	Solid-State NMR investigation of formation of mesoporous thin films and powders. Studies in Surface Science and Catalysis, 2008, 174, 949-952.	1.5	4
128	Mesoporous Anatase TiO2Films:â€‰ Use of Ti K XANES for the Quantification of the Nanocrystalline Character and Substrate Effects in the Photocatalysis Behavior. Journal of Physical Chemistry C, 2007, 111, 10886-10893.	1.5	130
129	Photonic Crystals from Ordered Mesoporous Thin-Film Functional Building Blocks. Advanced Functional Materials, 2007, 17, 1247-1254.	7.8	175
130	Optimised photocatalytic activity of grid-like mesoporous TiO2films: effect of crystallinity, pore size distribution, and pore accessibility. Journal of Materials Chemistry, 2006, 16, 77-82.	6.7	257
131	Processing of Macroporous Titania Thin Films:Â From Multiscale Functional Porosity to Nanocrystalline Macroporous TiO2. Chemistry of Materials, 2006, 18, 2109-2117.	3.2	71
132	Mesoporous Hybrid Thin Films: The Physics and Chemistry Beneath. Chemistry - A European Journal, 2006, 12, 4478-4494.	1.7	227
133	Functionalized Mesoporous Hybrid Thin Films as Selective Membranes. Advanced Materials, 2006, 18, 934-938.	11.1	47
134	Multifunctional, Multilayer, Multiscale: Integrative Synthesis of Complex Macroporous and Mesoporous Thin Films with Spatial Separation of Porosity and Function. Advanced Materials, 2006, 18, 2397-2402.	11.1	79
135	Cell Growth at Cavities Created Inside Silica Monoliths Synthesized by Solâ^'Gel. Chemistry of Materials, 2005, 17, 3806-3808.	3.2	41
136	Ordered mesoporous hybrid thin films with double organic functionality and mixed oxide framework. Journal of Materials Chemistry, 2005, 15, 3903.	6.7	46
137	Hybrid non-silica mesoporous thin films. New Journal of Chemistry, 2005, 29, 59-63.	1.4	42
138	Organically Modified Transition-Metal Oxide Mesoporous Thin Films and Xerogels. Chemistry of Materials, 2005, 17, 322-331.	3.2	79
139	Fundamentals of Mesostructuring Through Evaporation-Induced Self-Assembly. Advanced Functional Materials, 2004, 14, 309-322.	7.8	732
140	Texturation of nanocrystalline CeO2-based materials in the presence of poly-Î³-benzyl-l-glutamate. Journal of Materials Chemistry, 2004, 14, 2347-2354.	6.7	22
141	Growth of Gold Nanoparticle Arrays in TiO2Mesoporous Matrixes. Langmuir, 2004, 20, 6879-6886.	1.6	104
142	Designed synthesis of large-pore mesoporous silicaâ€“zirconia thin films with high mixing degree and tunable cubic or 2D-hexagonal mesostructure. Journal of Materials Chemistry, 2004, 14, 1879-1886.	6.7	50
143	Highly ordered hybrid mesoporous bifunctional thin films. Chemical Communications, 2004, , 2854-2855.	2.2	20
144	Title is missing!. Journal of Sol-Gel Science and Technology, 2003, 26, 561-565.	1.1	61

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145	Use of Functional Dendritic Macromolecules for the Design of Metal Oxo Based Hybrid Materials. Journal of Sol-Gel Science and Technology, 2003, 26, 629-633.	1.1	26
146	Elaboration of ZnO Thin Films with Preferential Orientation by a Soft Chemistry Route. Journal of Sol-Gel Science and Technology, 2003, 26, 817-821.	1.1	69
147	Controlled Formation of Highly Organized Mesoporous Titania Thin Films:â€‰ From Mesostructured Hybrids to Mesoporous Nanoanatase TiO2. Journal of the American Chemical Society, 2003, 125, 9770-9786.	6.6	871
148	Design of functional nano-structured materials through the use of controlled hybrid organicâ€“inorganic interfaces. Comptes Rendus Chimie, 2003, 6, 1131-1151.	0.2	183
149	Nanocrystalline Transition-Metal Oxide Spheres with Controlled Multi-Scale Porosity. Advanced Functional Materials, 2003, 13, 37-42.	7.8	159
150	Titania/Polypyrrole Hybrid Nanocomposites Built from In-Situ Generated Organically Functionalized Nanoanatase Building Blocks. Advanced Materials, 2003, 15, 217-221.	11.1	64
151	Oriented ZnO thin films synthesis by solâ€“gel process for laser application. Thin Solid Films, 2003, 428, 257-262.	0.8	279
152	Block copolymer-templated mesoporous oxides. Current Opinion in Colloid and Interface Science, 2003, 8, 109-126.	3.4	459
153	Humidity-controlled mesostructuration in CTAB-templated silica thin film processing. The existence of a modulable steady state. Journal of Materials Chemistry, 2003, 13, 61-66.	6.7	193
154	Nanocrystallised titania and zirconia mesoporous thin films exhibiting enhanced thermal stability. New Journal of Chemistry, 2003, 27, 9-13.	1.4	168
155	Highly Porous TiO2 Anatase Optical Thin Films with Cubic Mesostructure Stabilized at 700 Â°C. Chemistry of Materials, 2003, 15, 4562-4570.	3.2	312
156	Hexagonally organised mesoporous aluminiumâ€“oxoâ€“hydroxide thin films prepared by the template approach. In situ study of the structural formation. Journal of Materials Chemistry, 2002, 12, 557-564.	6.7	53
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