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List of Publications by Year
in descending order

75 papers	2,684 citations	172457 29 h-index	189892 50 g-index
76 all docs	76 docs citations	76 times ranked	3242 citing authors

#	Article	IF	Citations
1	Mesoporous MnCo₂O₄, NiCo₂O₄, and ZnCo₂O₄ Thin-Film Electrodes as Electrocatalysts for the Oxygen Evolution Reaction in Alkaline Solutions. ACS Applied Energy Materials, 2021, 4, 2769-2785.	5.1	27
2	Role of Water in the Lyotropic Liquid Crystalline Lithium Iodideâ€“Iodineâ€“Waterâ€“C₁₂E₁₀ Mesophase as a Gel Electrolyte in a Dye-Sensitized Solar Cell. Langmuir, 2021, 37, 8305-8313.	3.5	6
3	Role of Water in the Lyotropic Liquid Crystalline Mesophase of Lithium Salts and Non-ionic Surfactants. Langmuir, 2021, 37, 14443-14453.	3.5	7
4	Electrochemical Synthesis of Mesoporous Architectured Ru Films Using Supramolecular Templates. Small, 2020, 16, e2002489.	10.0	7
5	Modification of Mesoporous LiMn₂O₄ and LiMn_{2â^'}_xCo_xO₄ by SILAR Method for Highly Efficient Water Oxidation Electrocatalysis. Advanced Materials Technologies, 2020, 5, 2000353.	5.8	6
6	Lyotropic Liquid Crystalline Mesophases Made of Saltâ€Acidâ€Surfactant Systems for the Synthesis of Novel Mesoporous Lithium Metal Phosphates. ChemPlusChem, 2019, 84, 1544-1553.	2.8	6
7	Synthesis and water oxidation electrocatalytic and electrochromic behaviours of mesoporous nickel oxide thin film electrodes. Journal of Materials Chemistry A, 2019, 7, 22012-22020.	10.3	21
8	Mesoporous Thin Films: Molten Salt Assisted Selfâ€Assembly: Synthesis of Mesoporous LiCoO₂ and LiMn₂O₄ Thin Films and Investigation of Electrocatalytic Water Oxidation Performance of Lithium Cobaltate (Small 1/2018). Small, 2018, 14, 1870003.	10.0	3
9	Molten Salt Assisted Selfâ€Assembly: Synthesis of Mesoporous LiCoO₂ and LiMn₂O₄ Thin Films and Investigation of Electrocatalytic Water Oxidation Performance of Lithium Cobaltate. Small, 2018, 14, 1701913.	10.0	14
10	Standing Mesochannels: Mesoporous PdCu Films with Vertically Aligned Mesochannels from Nonionic Micellar Solutions. ACS Applied Materials & Interfaces, 2018, 10, 40623-40630.	8.0	25
11	Synthesis of mesoporous LiMn₂O₄and LiMn_{2â^'x}Co_xO₄thin films using the MASA approach as efficient water oxidation electrocatalysts. Journal of Materials Chemistry A, 2018, 6, 13925-13933.	10.3	13
12	Two-dimensional mesoporous vanadium phosphate nanosheets through liquid crystal templating method toward supercapacitor application. Nano Energy, 2018, 52, 336-344.	16.0	65
13	Electrochemical deposition of large-sized mesoporous nickel films using polymeric micelles. Chemical Communications, 2018, 54, 10347-10350.	4.1	20
14	Lyotropic Liquid-Crystalline Mesophase of Lithium Triflateâ€“Nonionic Surfactant as Gel Electrolyte for Graphene Optical Modulator. Journal of Physical Chemistry C, 2017, 121, 11194-11200.	3.1	5
15	Mesoporous metallic rhodium nanoparticles. Nature Communications, 2017, 8, 15581.	12.8	214
16	Modifying Titania Using the Molten-Salt-Assisted Self-Assembly Process for Cadmium Seleniideâ€“Quantum Dot-Sensitized Photoanodes. ACS Omega, 2017, 2, 4982-4990.	3.5	6
17	Lyotropic Liquid Crystalline Mesophase of Sulfuric Acidâ€“Nonionic Surfactant Stabilizes Lead(II) Oxide in Sulfuric Acid Concentrations Relevant to Lead Acid Batteries. ACS Omega, 2017, 2, 3785-3791.	3.5	9
18	Continuous Mesoporous Pd Films by Electrochemical Deposition in Nonionic Micellar Solution. Chemistry of Materials, 2017, 29, 6405-6413.	6.7	39

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19	Saltâ€Acidâ€Surfactant Lyotropic Liquid Crystalline Mesophases: Synthesis of Highly Transparent Mesoporous Calcium Hydroxyapatite Thin Films. European Journal of Inorganic Chemistry, 2016, 2016, 2114-2121.	2.0	5
20	Lithium saltâ€“nonionic surfactant lyotropic liquid crystalline gel-electrolytes with redox couple for dye sensitized solar cells. RSC Advances, 2016, 6, 97430-97437.	3.6	12
21	First Synthesis of Continuous Mesoporous Copper Films with Uniformly Sized Pores by Electrochemical Soft Templating. Angewandte Chemie - International Edition, 2016, 55, 12746-12750.	13.8	50
22	First Synthesis of Continuous Mesoporous Copper Films with Uniformly Sized Pores by Electrochemical Soft Templating. Angewandte Chemie, 2016, 128, 12938-12942.	2.0	15
23	Synthesis of Mesoporous Lithium Titanate Thin Films and Monoliths as an Anode Material for Highâ€Rate Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2016, 22, 18873-18880.	3.3	6
24	Electrochemical synthesis of mesoporous gold films toward mesospace-stimulated optical properties. Nature Communications, 2015, 6, 6608.	12.8	178
25	Strong Acidâ€“Nonionic Surfactant Lyotropic Liquid-Crystalline Mesophases as Media for the Synthesis of Carbon Quantum Dots and Highly Proton Conducting Mesostructured Silica Thin Films and Monoliths. Langmuir, 2015, 31, 10265-10271.	3.5	10
26	Highly Proton Conductive Phosphoric Acidâ€“Nonionic Surfactant Lyotropic Liquid Crystalline Mesophases and Application in Graphene Optical Modulators. ACS Nano, 2014, 8, 11007-11012.	14.6	37
27	Highly Conducting Lyotropic Liquid Crystalline Mesophases of Pluronics (P65, P85, P103, and P123) and Hydrated Lithium Salts (LiCl and LiNO₃). Langmuir, 2014, 30, 6938-6945.	3.5	15
28	Effect of hygroscopicity of the metal salt on the formation and air stability of lyotropic liquid crystalline mesophases in hydrated saltâ€“surfactant systems. Journal of Colloid and Interface Science, 2014, 433, 26-33.	9.4	20
29	Molten Salt Assisted Self Assembly (MASA): Synthesis of Mesoporous Metal Titanate (CoTiO₃, MnTiO₃, and Li₄Ti₅O₁₂) Thin Films and Monoliths. Chemistry of Materials, 2014, 26, 6050-6057.	6.7	19
30	Moltenâ€Saltâ€Assisted Selfâ€Assembly (MASA)â€Synthesis of Mesoporous Metal Titanateâ€Titania, Metal Sulfideâ€Titania, and Metal Selenideâ€Titania Thin Films. Advanced Functional Materials, 2013, 23, 4002-4010.	14.9	36
31	Lyotropic Liquid Crystal to Soft Mesocrystal Transformation in Hydrated Saltâ€“Surfactant Mixtures. Chemistry - A European Journal, 2013, 19, 15026-15035.	3.3	7
32	From Bare Metal Powders to Colloidally Stable TCO Dispersions and Transparent Nanoporous Conducting Metal Oxide Thin Films. Small, 2012, 8, 3806-3809.	10.0	11
33	Assembling Photoluminescent Silicon Nanocrystals into Periodic Mesoporous Organosilica. Journal of the American Chemical Society, 2012, 134, 8439-8446.	13.7	47
34	Green Nanochemistry: Metal Oxide Nanoparticles and Porous Thin Films from Bare Metal Powders. Small, 2012, 8, 68-72.	10.0	26
35	Synthesis of Nanoamorphous Germanium and Its Transformation to Nanocrystalline Germanium. Small, 2012, 8, 921-929.	10.0	22
36	Fabrication of Mesoporous Metal Chalcogenide Nanoflake Silica Thin Films and Spongy Mesoporous CdS and CdSe. Chemistry - A European Journal, 2012, 18, 3695-3705.	3.3	10

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37	A New, Highly Conductive, Lithium Salt/Nonionic Surfactant, Lyotropic Liquidâ€Crystalline Mesophase and Its Application. Chemistry - A European Journal, 2012, 18, 4190-4194.	3.3	28
38	Inside Cover: A New, Highly Conductive, Lithium Salt/Nonionic Surfactant, Lyotropic Liquidâ€Crystalline Mesophase and Its Application (Chem. Eur. J. 14/2012). Chemistry - A European Journal, 2012, 18, 4130-4130.	3.3	1
39	Origin of Lyotropic Liquid Crystalline Mesophase Formation and Liquid Crystalline to Mesostructured Solid Transformation in the Metal Nitrate Saltâ^'Surfactant Systems. Langmuir, 2011, 27, 870-873.	3.5	28
40	Spatially Confined Redox Chemistry in Periodic Mesoporous Hydridosilicaâ€"Nanosilver Grown in Reducing Nanopores. Journal of the American Chemical Society, 2011, 133, 17454-17462.	13.7	32
41	Periodic Mesoporous Hydridosilica â^' Synthesis of an â€œImpossibleâ€•Material and Its Thermal Transformation into Brightly Photoluminescent Periodic Mesoporous Nanocrystal Silicon-Silica Composite. Journal of the American Chemical Society, 2011, 133, 5094-5102.	13.7	44
42	The role of charged surfactants in the thermal and structural properties of lyotropic liquid crystalline mesophases of [Zn(H2O)6](NO3)2?CnEOm?H2O. Journal of Colloid and Interface Science, 2010, 341, 109-116.	9.4	10
43	Synthesis of Stable Mesostructured Coupled Semiconductor Thin Films: meso-CdS-TiO₂ and meso-CdSe-TiO₂. Langmuir, 2010, 26, 538-544.	3.5	23
44	Role of Organic and Inorganic Additives on the Assembly of CTAB-P123 and the Morphology of Mesoporous Silica Particles. Journal of Physical Chemistry C, 2009, 113, 18596-18607.	3.1	54
45	The effect of cationic surfactant and some organic/inorganic additives on the morphology of mesostructured silica templated by pluronics. Microporous and Mesoporous Materials, 2008, 115, 548-555.	4.4	33
46	Synthesis of mesostructured metal sulfide films using [M(H2O)n](NO3)2:P85 (M = Cd(ii) and Zn(ii)) liquid crystalline mesophases. Journal of Materials Chemistry, 2008, 18, 3467.	6.7	18
47	Lyotropic Liquid-Crystalline Mesophases of [Zn(H₂O)₆](NO₃)₂â^'C₁₂EO₁₀â^'CTABâ^'H₂O and [Zn(H₂O)₆](NO₃)₂â^'C₁₂EO₁₀â^'SDSâ^'H₂O Systems. Langmuir, 2008, 24, 10592-10595.	3.5	24
48	Phase Separation in Liquid Crystalline Mesophases of [Co(H2O)6]X2:P65 Systems (X = NO3-, Cl-, or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.5	22
49	The effect of anions of transition metal salts on the structure of modified mesostructured silica films and monoliths. Microporous and Mesoporous Materials, 2007, 98, 249-257.	4.4	4
50	Synthesis of solid solutions of Cd1â^'xZnxS nanocrystals in the channels of mesostructured silica films. Journal of Materials Chemistry, 2006, 16, 2048-2055.	6.7	20
51	Liquid Crystalline Mesophases of Pluronics (L64, P65, and P123) and Transition Metal Nitrate Salts ([M(H2O)6](NO3)2). Langmuir, 2005, 21, 4156-4162.	3.5	60
52	One-Pot Synthesis of CdS Nanoparticles in the Channels of Mesosructured Silica Films and Monoliths. Chemistry of Materials, 2005, 17, 573-579.	6.7	39
53	Effects of Ions on the Liquid Crystalline Mesophase of Transition-Metal Salt:Surfactant (CnEOm). Journal of Physical Chemistry B, 2004, 108, 8439-8446.	2.6	59
54	Solventless Acid-Free Synthesis of Mesostructured Titania: Nanovessels for Metal Complexes and Metal Nanoclusters. Advanced Functional Materials, 2003, 13, 30-36.	14.9	54

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55	Lyotropic Liquid-Crystalline Phase of Oligo(ethylene oxide) Surfactant/Transition Metal Salt and the Synthesis of Mesostructured Cadmium Sulfide. Chemistry of Materials, 2003, 15, 2711-2717.	6.7	47
56	Spectroscopic Investigation of Nitrateâ^'Metal and Metalâ^'Surfactant Interactions in the Solid AgNO3/C12EO10and Liquid-Crystalline [M(H2O)n](NO3)2/C12EO10Systems. Langmuir, 2003, 19, 3671-3676.	3.5	48
57	The synthesis of mesostructured silica films and monoliths functionalised by noble metal nanoparticles. Journal of Materials Chemistry, 2003, 13, 328-334.	6.7	51
58	Spectroelectrochemistry of potassium ethylxanthate, bis(ethylxanthato)nickel(ii) and tetraethylammonium tris(ethylxanthato)nickelate(ii)â€. Dalton Transactions RSC, 2001, , 2819-2824.	2.3	11
59	Silver Nitrate/Oligo(ethylene Oxide) Surfactant/Mesoporous Silica Nanocomposite Films and Monoliths. Journal of Colloid and Interface Science, 2001, 238, 203-207.	9.4	21
60	A New Lyotropic Liquid Crystalline System: Oligo(ethylene oxide) Surfactants with [M(H2O)n]Xm Transition Metal Complexes. Angewandte Chemie - International Edition, 2001, 40, 3799-3803.	13.8	128
61	Near-Infrared Luminescence from Small Gold Nanocrystals. Journal of Physical Chemistry B, 2000, 104, 6983-6986.	2.6	269
62	Periodic Mesoporous Organosilicas (PMOs): Nanostructured Organic-Inorganic Hybrid Materials. Materials Research Society Symposia Proceedings, 2000, 628, 1.	0.1	3
63	Reductive deposition of Au³⁺(aq) on oÃ—idized silicon surfaces. Canadian Journal of Chemistry, 2000, 78, 516-519.	1.1	2
64	Photoluminescent Silicon Clusters in Oriented Hexagonal Mesoporous Silica Film. Advanced Materials, 1999, 11, 474-480.	21.0	88
65	Glycometallate surfactants Part 2: non-aqueous synthesis of mesoporous titanium, zirconium and niobium oxides. Journal of Materials Chemistry, 1999, 9, 1491-1500.	6.7	97
66	Salted mesostructures: salt-liquid crystal templating of lithium triflate-oligo(ethylene oxide) surfactant-mesoporous silica nanocomposite films and monoliths. Journal of Materials Chemistry, 1999, 9, 1475-1482.	6.7	49
67	Chalcogenide Distribution in Microporous Layered Tin(IV) Thioselenide, TMA2Sn3SxSe7-x, Materials. Journal of Physical Chemistry B, 1998, 102, 2356-2366.	2.6	18
68	Free-standing mesoporous silica films; morphogenesis of channel and surface patterns. Journal of Materials Chemistry, 1997, 7, 1755-1761.	6.7	73
69	Effect of microgravity on the crystallization of a self-assembling layered material. Nature, 1997, 388, 857-860.	27.8	31
70	New forms of luminescent silicon: Silicon-silica composite mesostructures. Chemical Vapor Deposition, 1996, 2, 8-13.	1.3	41
71	Nanostructures: New forms of luminescent silicon. Advanced Materials, 1995, 7, 72-78.	21.0	41
72	Germanium nanoclusters: Chemical vapor deposition of digermane in zeolite Y and mordenite. Advanced Materials, 1994, 6, 147-150.	21.0	24

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73	Si1â^'xGexY Alloy Nanocluster Materials Chemical Vapor Deposition of Si2H6Ge2H6 Mixtures in Zeolite Y. Materials Research Society Symposia Proceedings, 1994, 358, 87.	0.1	2
74	A New Form of Luminescent Silicon: Synthesis of Silicon Nanoclusters in Zeolite Y. Studies in Surface Science and Catalysis, 1994, 84, 1107-1114.	1.5	16
75	Electronic structure and spectra for square complexes containing sulfur-donor ligands: M(dto)22+ (M = platinum(II), palladium(II); dto = 3,6-dithiaoctane), M(SCN)42- (M = Pt(II), Pd(II)), and M(Et-Xan)2 (M =) Tj ETQq0 1 0.784314 rgBT		