

Bernd Smarsly

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	General Synthesis of Ordered Mesoporous Rare-Earth Orthovanadate Thin Films and Their Use as Photocatalysts and Phosphors for Lighting Applications. ACS Applied Nano Materials, 2019, 2, 1063-1071.	5.0	19
2	Low Temperature Reaction of Molecular Zinc Oxide Precursors in Ionic Liquids Leading to Ionogel Nanoparticles with Shape Anisotropy. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 93-100.	1.2	6
3	New Triblock Copolymer Templates, PEO- <i>b</i> -PB- <i>b</i> -PEO, for the Synthesis of Titania Films with Controlled Mesopore Size, Wall Thickness, and Bimodal Porosity. Small, 2012, 8, 298-309.	10.0	96
4	Tayloring the Photocatalytical Activity of Anatase TiO ₂ Thin Film Electrodes by Three-Dimensional Mesoporosity. Solid State Phenomena, 2010, 162, 91-113.	0.3	1
5	Antimony-Doped SnO ₂ Nanopowders with High Crystallinity for Lithium-Ion Battery Electrode. Chemistry of Materials, 2009, 21, 3202-3209.	6.7	172
6	Ordered Mesoporous Sb-, Nb-, and Ta-Doped SnO ₂ Thin Films with Adjustable Doping Levels and High Electrical Conductivity. ACS Nano, 2009, 3, 1373-1378.	14.6	175
7	Template-assisted preparation of films of transparent conductive indium tin oxide. Superlattices and Microstructures, 2008, 44, 686-692.	3.1	6
8	Polymer-Assisted Generation of Antimony-Doped SnO ₂ Nanoparticles with High Crystallinity for Application in Gas Sensors. Small, 2008, 4, 1656-1660.	10.0	121
9	Self-assembly in inorganic and hybrid systems: beyond the molecular scale. Dalton Transactions, 2008, , 18-24.	3.3	52
10	Pore Hierarchy in Mesoporous Silicas Evidenced by In-Situ SANS during Nitrogen Physisorption. Langmuir, 2007, 23, 4724-4727.	3.5	45
11	Templating Behavior of a Long-Chain Ionic Liquid in the Hydrothermal Synthesis of Mesoporous Silica. Langmuir, 2007, 23, 1489-1495.	3.5	165
12	Illumination-induced properties of highly ordered mesoporous TiO ₂ layers with controlled crystallinity. Thin Solid Films, 2007, 515, 6541-6543.	1.8	15
13	Principles of Hierarchical Meso- and Macropore Architectures by Liquid Crystalline and Polymer Colloid Templating. Langmuir, 2006, 22, 2311-2322.	3.5	169
14	A reconsideration of the relationship between the crystallite size La of carbons determined by X-ray diffraction and Raman spectroscopy. Carbon, 2006, 44, 3239-3246.	10.3	452
15	Adsorption Hysteresis of Nitrogen and Argon in Pore Networks and Characterization of Novel Micro- and Mesoporous Silicas. Langmuir, 2006, 22, 756-764.	3.5	505
16	Preparation of a large Mesoporous CeO ₂ with crystalline walls using PMMA colloidal crystal templates. Colloid and Polymer Science, 2006, 285, 1-9.	2.1	48
17	Crystal-to-Crystal Phase Transition in Self-Assembled Mesoporous Iron Oxide Films. Angewandte Chemie - International Edition, 2006, 45, 781-784.	13.8	79
18	Block Copolymer Assemblies as Templates for the Generation of Mesoporous Inorganic Materials and Crystalline Films. European Journal of Inorganic Chemistry, 2006, 2006, 1111-1119.	2.0	123

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19	Templating and Phase Behaviour of the Long Chain Ionic Liquid C16mimCl. Zeitschrift Fur Physikalische Chemie, 2006, 220, 1455-1471.	2.8	43
20	Thermally Stable Nanocrystalline γ -Alumina Layers with Highly Ordered 3D Mesoporosity. Angewandte Chemie - International Edition, 2005, 44, 4589-4592.	13.8	182
21	Liquid Inorganic-Organic Nanocomposites: Novel Electrolytes and Ferrofluids. Angewandte Chemie - International Edition, 2005, 44, 3809-3811.	13.8	43
22	Characterization of Worm-Like Micro- and Mesoporous Silicas by Small-Angle Scattering and High-Resolution Adsorption Porosimetry. Adsorption, 2005, 11, 653-655.	3.0	35
23	Controlled Assembly of Preformed Ceria Nanocrystals into Highly Ordered 3D Nanostructures. Small, 2005, 1, 313-316.	10.0	95
24	Self-Assembly and Crystallization Behavior of Mesoporous, Crystalline HfO ₂ Thin Films: A Model System for the Generation of Mesostructured Transition-Metal Oxides. Small, 2005, 1, 889-898.	10.0	72
25	Quantitative SAXS Analysis of Oriented 2D Hexagonal Cylindrical Silica Mesostructures in Thin Films Obtained from Nonionic Surfactants. Langmuir, 2005, 21, 3858-3866.	3.5	41
26	The generation of mesostructured crystalline CeO ₂ , ZrO ₂ and CeO ₂ /ZrO ₂ films using evaporation-induced self-assembly. New Journal of Chemistry, 2005, 29, 237-242.	2.8	75
27	Mesostructured Crystalline Ceria with a Bimodal Pore System Using Block Copolymers and Ionic Liquids as Rational Templates. Chemistry of Materials, 2005, 17, 1683-1690.	6.7	122
28	Periodically ordered nanoscale islands and mesoporous films composed of nanocrystalline multimetallic oxides. Nature Materials, 2004, 3, 787-792.	27.5	327
29	Making nanometer thick silica glass scaffolds: an experimental approach to learn about size effects in glasses. Colloid and Polymer Science, 2004, 282, 892-900.	2.1	10
30	Ionic Liquids for the Convenient Synthesis of Functional Nanoparticles and Other Inorganic Nanostructures. Angewandte Chemie - International Edition, 2004, 43, 4988-4992.	13.8	1,127
31	Ionic Liquids for the Convenient Synthesis of Functional Nanoparticles and Other Inorganic Nanostructures. ChemInform, 2004, 35, no.	0.0	1
32	Hierarchical Porous Silica Materials with a Trimodal Pore System Using Surfactant Templates. Journal of the American Chemical Society, 2004, 126, 10534-10535.	13.7	299
33	Highly Crystalline Cubic Mesoporous TiO ₂ with 10-nm Pore Diameter Made with a New Block Copolymer Template. Chemistry of Materials, 2004, 16, 2948-2952.	6.7	309
34	Towards porous silica materials via nanocasting of stable pseudopolyrotaxanes from β -cyclodextrin and polyamines. Microporous and Mesoporous Materials, 2003, 66, 127-132.	4.4	30
35	Replication of Lyotropic Block Copolymer Mesophases into Porous Silica by Nanocasting: A Learning about Finer Details of Polymer Self-Assembly. Langmuir, 2003, 19, 4455-4459.	3.5	181
36	X-ray scattering of non-graphitic carbon: an improved method of evaluation. Journal of Applied Crystallography, 2002, 35, 624-633.	4.5	118

#	ARTICLE	IF	CITATIONS
37	On the Microporous Nature of Mesoporous Molecular Sieves. Chemistry of Materials, 2001, 13, 1617-1624.	6.7	134
38	Preparation of Porous Silica Materials via Sol-Gel Nanocasting of Nonionic Surfactants: A Mechanistic Study on the Self-Aggregation of Amphiphiles for the Precise Prediction of the Mesopore Size. Journal of Physical Chemistry B, 2001, 105, 10473-10483.	2.6	128
39	SANS Investigation of Nitrogen Sorption in Porous Silica. Journal of Physical Chemistry B, 2001, 105, 831-840.	2.6	137
40	From Cyclodextrin Assemblies to Porous Materials by Silica Templating We thank the Max-Planck society for funding.. Angewandte Chemie - International Edition, 2001, 40, 4417.	13.8	164
41	Evaporation-Induced Self-Assembly for the Preparation of Porous Metal Oxide Films. , 0, , 283-312.		0