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Microporosity and connections between pores in SBA-15 mesostructured silicas as a function of the temperature of synthesis

DOI: 10.1039/b207378c

New Journal of Chemistry, 2003, 27, 73-79.

Source: <https://exaly.com/paper-pdf/34918939/citation-report.pdf>

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#	Paper	IF	Citations
478	Revelation on the Complex Nature of Mesoporous Hierarchical FAUY Zeolites.		
477	Design of functional nano-structured materials through the use of controlled hybrid organic/inorganic interfaces. <i>Comptes Rendus Chimie</i> , 2003 , 6, 1131-1151	2.7	161
476	Calcination behavior of different surfactant-templated mesostructured silica materials. <i>Microporous and Mesoporous Materials</i> , 2003 , 65, 1-29	5.3	251
475	Characterization of the Porosity in SBA-15 Silicas by Hyperpolarized ¹²⁹ Xe NMR. 2003 , 107, 12456-12460		56
474	Silicas of Unimodal and Bimodal Porosities Probed by ¹²⁹ Xe NMR Spectroscopy. 2003 , 107, 14388-14393		11
473	Facile synthesis of high quality mesoporous SBA-15 with enhanced control of the porous network connectivity and wall thickness. 2003 , 1340-1		280
472	Adsorption of Cytochrome C on New Mesoporous Carbon Molecular Sieves. 2003 , 107, 8297-8299		218
471	Exploring the internal structure of mesoporous powders and thin films by continuous flow laser-enhanced ¹²⁹ Xe NMR. 2004 , 154, 1464-1470		4
470	Mesoporous SBA-15 HPLC evaluation for controlled gentamicin drug delivery. 2004 , 97, 125-32		323
469	The Synthesis of Novel Porous Functional Materials for use as Nitrosamine Traps. 2004 , 14, 1113-1123		41
468	Synthesis of ordered nanoporous carbons of tunable mesopore size by templating SBA-15 silica materials. <i>Microporous and Mesoporous Materials</i> , 2004 , 67, 273-281	5.3	126
467	The trapping and decomposition of toxic gases such as hydrogen cyanide using modified mesoporous silicates. <i>Microporous and Mesoporous Materials</i> , 2004 , 75, 121-128	5.3	21
466	Synthesis of carbon nanotubes with tailor made diameter in the channels of micelle-templated silicas. 2004 , 911-916		
465	High benzene selectivity of uniform sub-nanometre pores of self-ordered mesoporous silicate. 2004 , 746-7		37
464	Formation of cyanide-functionalized SBA-15 and its transformation to carboxylate-functionalized SBA-15. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 2461-2467	3.6	75
463	Comparative Analysis of Structural and Morphological Properties of Large-Pore Periodic Mesoporous Organosilicas and Pure Silicas. 2004 , 108, 16441-16450		33
462	Facile synthesis and characterization of novel mesoporous and mesorelief oxides with gyroidal structures. <i>Journal of the American Chemical Society</i> , 2004 , 126, 865-75	16.4	283

461	An Optimized Procedure for the Synthesis of ALSBA-15 with Large Pore Diameter and High Aluminum Content. 2004 , 108, 11496-11505		201
460	Adsorption of cytochrome c on MCM-41 and SBA-15: Influence of pH. 2004 , 154, 2987-2994		18
459	Adsorption of Cytochrome c on Mesoporous Molecular Sieves: Influence of pH, Pore Diameter, and Aluminum Incorporation. 2004 , 16, 3056-3065		297
458	Simple synthesis route to monodispersed SBA-15 silica rods. <i>Journal of the American Chemical Society</i> , 2004 , 126, 14348-9	16.4	316
457	Stepwise Removal of the Copolymer Template from Mesopores and Micropores in SBA-15. 2004 , 16, 2918-2925		160
456	Investigating environmental mesoporous materials by laser enhanced hyperpolarized 129 xenon NMR. 2005 , 158, 671-678		
455	SBA-15 templated-ordered mesoporous carbon: effect of SBA-15 microporosity. 2005 , 543-550		3
454	Template synthesis of large pore ordered mesoporous carbon. <i>Microporous and Mesoporous Materials</i> , 2005 , 80, 117-128	5.3	71
453	Ordered mesoporous materials in catalysis. <i>Microporous and Mesoporous Materials</i> , 2005 , 77, 1-45	5.3	1859
452	In situ coating metal oxide on SBA-15 in one-pot synthesis. <i>Microporous and Mesoporous Materials</i> , 2005 , 84, 127-136	5.3	81
451	Characterization and microporosity analysis of mesoporous carbon molecular sieves by nitrogen and organics adsorption. <i>Catalysis Today</i> , 2005 , 102-103, 189-196	5.3	48
450	Role of the support on the activity of silica-supported TiO ₂ photocatalysts: Structure of the TiO ₂ /SBA-15 photocatalysts. <i>Catalysis Today</i> , 2005 , 101, 307-314	5.3	104
449	Protein adsorption on the mesoporous molecular sieve silicate SBA-15: effects of pH and pore size. 2005 , 1069, 119-26		149
448	Porosity and mechanical properties of mesoporous thin films assessed by environmental ellipsometric porosimetry. <i>Langmuir</i> , 2005 , 21, 12362-71	4	353
447	SBA-15 Templated Mesoporous Carbon: New Insights into the SBA-15 Pore Structure. 2005 , 17, 6108-6113		64
446	Ordered mesoporous silica carrier system applied in nanobiothecnology. 2005 , 48, 243-250		10
445	Optimization of synthesis time for SBA-15 materials. 2005 , 156, 75-82		5
444	Preparation of nanostructured boron nitride with borazinic precursor. 2005 , 279-286		3

443	Effect of the calcination temperature of self-ordered mesoporous silicate on its adsorption characteristics for aromatic hydrocarbons. <i>New Journal of Chemistry</i> , 2005 , 29, 504	3.6	9
442	Adsorption of C7 hydrocarbons on biporous SBA-15 mesoporous silica. <i>Langmuir</i> , 2005 , 21, 5094-101	4	67
441	Pyrolysis of mesoporous silica-immobilized 1,3-diphenylpropane. Impact of pore confinement and size. <i>Journal of the American Chemical Society</i> , 2005 , 127, 6353-60	16.4	45
440	Assembly of Large-Pore Silica Mesophases with Wormhole Framework Structures from Diamine Porogens. 2005 , 17, 383-386		50
439	Comparison between SBA-15 silica and CMK-3 carbon nanocasting for mesoporous boron nitride synthesis. 2005 , 15, 1917		81
438	Understanding effect of wall structure on the hydrothermal stability of mesostructured silica SBA-15. 2005 , 109, 8723-32		244
437	MCM-48-like large mesoporous silicas with tailored pore structure: facile synthesis domain in a ternary triblock copolymer-butanol-water system. <i>Journal of the American Chemical Society</i> , 2005 , 127, 7601-10	16.4	635
436	Facile Template Synthesis of Ordered Mesoporous Carbon with Polypyrrole as Carbon Precursor. 2005 , 17, 355-358		186
435	Controlled polymerization in mesoporous silica toward the design of organic-inorganic composite nanoporous materials. <i>Journal of the American Chemical Society</i> , 2005 , 127, 1924-32	16.4	243
434	Adsorption of vitamin E on mesoporous silica molecular sieves. 2005 , 158, 1169-1176		17
433	Structure and diffusion characterization of SBA-15 materials. <i>Langmuir</i> , 2005 , 21, 2051-7	4	80
432	Structural and diffusion characterizations of steam-stable mesostructured zeolitic UL-ZSM-5 materials. <i>Langmuir</i> , 2006 , 22, 4777-86	4	25
431	Synthesis and characterization of large-pore ordered mesoporous carbons using gyroidal silica template. 2006 , 16, 1445		61
430	Low temperature oxidative template removal from SBA-15 using MnO ₄ ⁻ solution and carbon replication of the mesoporous silica product. 2006 , 16, 3396-3401		25
429	Covalent linking of near-infrared luminescent ternary lanthanide (Er(3+), Nd(3+), Yb(3+)) complexes on functionalized mesoporous MCM-41 and SBA-15. 2006 , 110, 7249-58		139
428	Gas adsorption in mesoporous micelle-templated silicas: MCM-41, MCM-48, and SBA-15. <i>Langmuir</i> , 2006 , 22, 11097-105	4	74
427	X-ray Structural Modeling and Gas Adsorption Analysis of Cage-like SBA-16 Silica Mesophases Prepared in a F127/Butanol/H ₂ O System. 2006 , 18, 5070-5079		110
426	Adsorption of simple gases in MCM-41 materials: the role of surface roughness. <i>Langmuir</i> , 2006 , 22, 194-202		120

425	Platinum nanoparticles incorporated in mesoporous silica SBA-15 by the deposition-precipitation method. 2006 , 513-520		5
424	Structural Peculiarities of Mesoporous Carbons Obtained by Nanocasting Ordered Mesoporous Templates via Carbon Chemical Vapor or Liquid Phase Infiltration Routes. 2006 , 18, 6316-6323		15
423	Facile synthesis of ordered large-pore mesoporous silica thin film with Im3m symmetry using n-butanol as the cosurfactant. 2006 , 352, 2279-2283		17
422	Influence of synthesis temperature on the structural characteristics of mesoporous silica. 2006 , 352, 3451-3456		18
421	Probing the microporous nature of hierarchically templated mesoporous silica via positron annihilation spectroscopy. 2006 , 34, 67-75		16
420	Adsorption Separation of Methyl Chloride from Nitrogen Using ZSM-5 and Mesoporous SBA-15. 2006 , 24, 79-99		1
419	Probing the pore space in mesoporous materials by laser enhanced hyperpolarised ¹²⁹ Xe NMR. <i>Catalysis Today</i> , 2006 , 113, 126-130	5-3	8
418	Simulation of nitrogen sorption processes in materials with cylindrical mesopores: Hysteresis as a thermodynamic and connectivity phenomenon. 2006 , 61, 4233-4241		7
417	Preparation, characterization and catalytic behavior in methanol decomposition of nanosized iron oxide particles within large pore ordered mesoporous silicas. <i>Microporous and Mesoporous Materials</i> , 2006 , 89, 209-218	5-3	50
416	Formation of mesoporous silica in nonionic fluorinated surfactant systems. <i>Microporous and Mesoporous Materials</i> , 2006 , 92, 212-219	5-3	38
415	Size effect on SBA-15 microporosity. <i>Microporous and Mesoporous Materials</i> , 2006 , 93, 313-317	5-3	36
414	Factorial design for the evaluation of the influence of synthesis parameters upon the textural and structural properties of SBA-15 ordered materials. <i>Microporous and Mesoporous Materials</i> , 2006 , 93, 331-343	5-3	44
413	Adsorption of n-heptane, toluene and o-xylene on mesoporous UL-ZSM5 materials. <i>Microporous and Mesoporous Materials</i> , 2006 , 87, 224-234	5-3	55
412	Ordered mesoporous carbons from the carbonization of sulfuric-acid-treated silica/triblock copolymer/sucrose composites. <i>Microporous and Mesoporous Materials</i> , 2006 , 94, 9-14	5-3	51
411	Ordered large-pore mesoporous silica film with Im3m symmetry synthesized in ternary copolymer/n-butanol/water system. <i>Materials Letters</i> , 2006 , 60, 581-584	3-3	6
410	Block Copolymer Assemblies as Templates for the Generation of Mesoporous Inorganic Materials and Crystalline Films. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1111-1119	2-3	117
409	Fabrication of Metal Oxides Occluded in Ordered Mesoporous Hosts via a Solid-State Grinding Route: The Influence of Host-Guest Interactions. 2006 , 16, 2374-2386		73
408	Controlling the Morphology of Mesoporous Silicas by Pseudomorphic Transformation: a Route Towards Applications. 2006 , 16, 1657-1667		139

407	EFFECT OF THE INTRAWALL MICROPOROSITY ON THE DIFFUSION CHARACTERIZATION OF BI-POROUS SBA-15 MATERIALS. 2006 , 591-602		1
406	Physisorbed films in periodic mesoporous silica studied by in situ synchrotron small-angle diffraction. 2006 , 73,		94
405	Large pore ordered mesoporous silica materials with 3D cubic Ia3d structure: a comprehensive gas adsorption study. 2007 , 170, 1843-1849		9
404	A tale of two mechanisms: comparing mesostructure formation in cationic and non-ionic surfactant-templated silicas. 2007 , 170, 1763-1769		
403	Amino functionalisation of microemulsion templated mesoporous silica foams. 2007 , 160, 591-598		1
402	Accessibility of Co ₃ O ₄ particles patterned in SBA-15. 2007 , 170, 1213-1221		1
401	Effects of end-group oxidation of the triblock copolymers on the resulting copolymer-directed silica mesophases. 2007 , 170, 1926-1931		
400	Understanding the Stability in Water of Mesoporous SBA-15 and MCM-41. 2007 , 111, 8268-8277		166
399	Pore size tailoring in large-pore SBA-15 silica synthesized in the presence of hexane. <i>Langmuir</i> , 2007 , 23, 7247-54	4	132
398	On the nature of the Brønsted acidic groups on native and functionalized mesoporous siliceous SBA-15 as studied by benzylamine adsorption from solution. <i>Langmuir</i> , 2007 , 23, 4315-23	4	129
397	Mesostructured Silica SBA-16 with Tailored Intrawall Porosity Part 1: Synthesis and Characterization. 2007 , 111, 3053-3058		74
396	Accessing Binary CdE [E = S, Se, Te] and Ternary Cd _x Zn _{1-x} E [E = S, Se] Materials in Mesoporous Architectures Using Silylated-Chalcogen Reagents. 2007 , 111, 7319-7329		17
395	Modeling Triblock Surfactant Templated Mesoporous Silicas (MCF and SBA-15): A Mimetic Simulation Study. 2007 , 527-534		4
394	Facile Synthesis of Mesoporous Silica SBA-15 with Additional Intra-Particle Porosities. 2007 , 19, 1120-1126		50
393	Disilazane functionalization of large-pore hybrid periodic mesoporous organosilicas. 2007 , 17, 2506		24
392	Effect of Morphological Defects on Gas Adsorption in Nanoporous Silicas \square 2007 , 111, 15759-15770		54
391	Hard Templating Pathways for the Synthesis of Nanostructured Porous Co ₃ O ₄ . 2007 , 19, 485-496		298
390	Synthesis, Structure, and Characterization of Mesoporous Materials. 467-601		2

389	Solid-State NMR Characterization of the Surfactant-Silica Interface in Templated Silicas: Acidic versus Basic Conditions. 2007 , 19, 1343-1354		90
388	Selective Surface Functionalization and Metal Deposition in the Micropores of Mesoporous Silica SBA-15. 2007 , 19, 3205-3211		91
387	. 2007 ,		216
386	Selective chemisorption of carbon monoxide by organic-inorganic hybrid materials incorporating cobalt(III) corroles as sensing components. 2007 , 13, 2118-29		74
385	Iron and copper oxide modified SBA-15 materials as catalysts in methanol decomposition: Effect of copolymer template removal. 2007 , 318, 234-243		35
384	Assessment of pore structure parameters for polymer-templated mesoporous molecular sieves by means of nitrogen and argon adsorption. 2007 , 253, 5676-5681		2
383	Synthesis and characterization of visible-light absorbing ordered mesoporous titanosilicate incorporated with vanadium oxide. 2007 , 444, 161-166		8
382	Template synthesis of ordered cubic Ia3d mesoporous carbons with different pore sizes. 2007 , 45, 220-222		6
381	Controlling the textural parameters of mesoporous carbon materials. <i>Microporous and Mesoporous Materials</i> , 2007 , 100, 20-26	5-3	86
380	Modifying the porosity of SBA-15 silicas by post-synthesis basic treatments. <i>Microporous and Mesoporous Materials</i> , 2007 , 102, 234-241	5-3	21
379	Synthesis of sponge mesoporous silicas from lecithin/dodecylamine mixed-micelles in ethanol/water media: A route towards efficient biocatalysts. <i>Microporous and Mesoporous Materials</i> , 2007 , 104, 103-114	5-3	40
378	Formation of a three-dimensional mesostructured cobalt smectite during deposition-precipitation functionalization of mesoporous SBA-15. <i>Microporous and Mesoporous Materials</i> , 2007 , 106, 155-161	5-3	9
377	Designed synthesis of mesoporous solids via nonionic-surfactant-templating approach. 2007 , 897-926		279
376	On the controllable soft-templating approach to mesoporous silicates. 2007 , 107, 2821-60		2000
375	Influence of the structure characteristics of ordered mesoporous silica materials on their properties as supports for Ni-modified hydrogenation catalysts. <i>Journal of Porous Materials</i> , 2007 , 14, 213-218	2.4	3
374	Argon and krypton adsorption on templated mesoporous silicas: molecular simulation and experiment. <i>Adsorption</i> , 2007 , 13, 425-437	2.6	25
373	Protein encapsulation into mesoporous silica hosts. <i>Microporous and Mesoporous Materials</i> , 2008 , 109, 535-541	5-3	26
372	Methane activation by NO ₂ on Co loaded SBA-15 catalysts: The effect of mesopores (length, diameter) on the catalytic activity. <i>Catalysis Today</i> , 2008 , 137, 191-196	5-3	12

371	The effect of the use of lanthanum-doped mesoporous SBA-15 on the performance of Pt/SBA-15 and Pd/SBA-15 catalysts for total oxidation of toluene. 2008 , 351, 82-87		94
370	Synthesis of ordered mesoporous carbon containing highly dispersed copper-sulphur compounds in the carbon framework via a nanocasting route. <i>Microporous and Mesoporous Materials</i> , 2008 , 111, 117-123	5-3	14
369	On the mechanical stability of mesoporous silica SBA-15. <i>Microporous and Mesoporous Materials</i> , 2008 , 111, 134-142	5-3	47
368	Critical evaluation of the state of iron oxide nanoparticles on different mesoporous silicas prepared by an impregnation method. <i>Microporous and Mesoporous Materials</i> , 2008 , 112, 327-337	5-3	44
367	Contribution to the study of the formation mechanism of mesoporous SBA-15 and SBA-16 type silica particles in aqueous acid solutions. <i>Microporous and Mesoporous Materials</i> , 2008 , 112, 338-350	5-3	63
366	Blue-light emission of mesoporous SBA-15 covalently bonded with carbazole chromophore. <i>Microporous and Mesoporous Materials</i> , 2008 , 113, 402-410	5-3	11
365	Synthesis of mesoporous metal oxides by structure replication: Strategies of impregnating porous matrices with metal salts. <i>Microporous and Mesoporous Materials</i> , 2008 , 113, 575-582	5-3	48
364	Calcination and thermal degradation mechanisms of triblock copolymer template in SBA-15 materials. <i>Microporous and Mesoporous Materials</i> , 2008 , 115, 469-479	5-3	98
363	Effect of silica wall microporosity on the state and performance of TiO ₂ nanocrystals in SBA-15 matrix. <i>Microporous and Mesoporous Materials</i> , 2008 , 116, 237-245	5-3	15
362	Grafting of alumina on SBA-15: effect of surface roughness. <i>Langmuir</i> , 2008 , 24, 9837-42	4	86
361	SBA-15 synthesis: Are there lasting effects of temperature change within the first 10min of TEOS polymerization?. 2008 , 108, 73-81		44
360	Tubular and Rodlike Ordered Mesoporous Silicon (Oxy)carbide Ceramics and their Structural Transformations. 2008 , 20, 5421-5433		51
359	Novel Magnetically Separable Mesoporous Fe ₂ O ₃ @SBA-15 Nanocomposite with Fully Open Mesochannels for Protein Immobilization. 2008 , 20, 6617-6622		37
358	Adsorption of simple fluid on silica surface and nanopore: effect of surface chemistry and pore shape. <i>Langmuir</i> , 2008 , 24, 7285-93	4	59
357	Positron annihilation study of pore size in ordered SBA-15. 2008 , 354, 4800-4805		23
356	A novel polyoxometalate-functionalized mesoporous hybrid silica: synthesis and characterization. 2008 , 18, 2691		61
355	Pore-Shape Effects in Determination of Pore Size of Ordered Mesoporous Silicas by Mercury Intrusion. 2008 , 112, 12921-12927		22
354	Pore shape affects the determination of the pore size of ordered mesoporous silicas by mercury intrusion. 2008 , 957-960		2

353	Characterization of Nonfreezable Pore Water in Mesoporous Silica by Thermoporometry. 2008 , 112, 9034-9039		38
352	Tailoring mesoporosity and intrawall porosity in large pore silicas: synthesis and nitrogen sorption behavior. 2008 , 141-148		9
351	Ordered Mesoporous Materials. 2008 , 178		3
350	Mesoporous, 2D Hexagonal Carbon Nitride and Titanium Nitride/Carbon Composites. 2009 , 21, 4270-4274		276
349	Studies on mesoporous niobosilicates synthesized using F127 triblock copolymer. <i>Adsorption</i> , 2009 , 15, 247-253	2.6	6
348	Morphological control on SBA-15 mesoporous silicas via a slow self-assembling rate. 2009 , 44, 6453-6462		29
347	Organic solvent treatment and physicochemical properties of nanoporous polymer/SBA-15 composite materials. 2009 , 44, 6538-6545		9
346	Thermal degradation of iron chelate complexes adsorbed on mesoporous silica and alumina. 2009 , 95, 445-454		22
345	Structural modulation of cage-like mesoporous KIT-5 silica by post-synthesis treatments with ammonia and/or sulfuric acid. <i>Microporous and Mesoporous Materials</i> , 2009 , 117, 249-256	5.3	14
344	Verified syntheses of mesoporous materials. <i>Microporous and Mesoporous Materials</i> , 2009 , 125, 170-223	5.3	502
343	Formation of mesoporous Co ₃ O ₄ replicas of different mesostructures with different pore sizes. <i>Microporous and Mesoporous Materials</i> , 2009 , 123, 314-323	5.3	21
342	Syntheses of high quality KIT-6 and SBA-15 mesoporous silicas using low-cost water glass, through rapid quenching of silicate structure in acidic solution. <i>Microporous and Mesoporous Materials</i> , 2009 , 124, 45-51	5.3	61
341	Nanoparticles of Fe ₂ O ₃ inserted in SBA-15 silica at micropore mouth level: An experimental evidence of the confinement effect. 2009 , 305, 24-33		22
340	Cobalt supported on morphologically tailored SBA-15 mesostructures: The impact of pore length on metal dispersion and catalytic activity in the Fischer-Tropsch synthesis. 2009 , 367, 146-156		124
339	Functionalization of delaminated zeolite ITQ-6 for the adsorption of carbon dioxide. <i>Langmuir</i> , 2009 , 25, 10314-21	4	124
338	Modeling micelle-templated mesoporous material SBA-15: atomistic model and gas adsorption studies. <i>Langmuir</i> , 2009 , 25, 5802-13	4	40
337	Quantitative Characterization of Pore Corrugation in Ordered Mesoporous Materials Using Image Analysis of Electron Tomograms. 2009 , 21, 1311-1317		82
336	Micropore Characterization of Mesocellular Foam and Hybrid Organic Functional Mesocellular Foam Materials. 2009 , 113, 21283-21292		7

335	In situ observation of the genesis of mesoporous silica SBA-15: dynamics on length scales from 1 nm to 1 microm. <i>Langmuir</i> , 2009 , 25, 4685-91	4	43
334	Hierarchically structured functional materials: Synthesis strategies for multimodal porous networks. 2009 , 81, 2265-2307		85
333	Pore Structure and Fluid Sorption in Ordered Mesoporous Silica. I. Experimental Study by in situ Small-Angle X-ray Scattering. 2009 , 113, 15201-15210		64
332	Accessibility of Amino Groups in Postsynthetically Modified Mesoporous Silica. 2009 , 113, 10667-10674		53
331	New Understanding and Simple Approach to Synthesize Highly Hydrothermally Stable and Ordered Mesoporous Materials. 2009 , 21, 5413-5425		67
330	Intrusion and Retraction of Fluids in Nanopores: Effect of Morphological Heterogeneity. 2009 , 113, 1953-1962	21	
329	On Defining a Simple Empirical Relationship to Predict the Pore Size of Mesoporous Silicas Prepared from PEO-b-PS Diblock Copolymers. 2009 , 21, 48-55		37
328	Ordered cubic mesoporous silicas with large pore sizes synthesized via high-temperature route. <i>Langmuir</i> , 2009 , 25, 13169-75	4	17
327	Temperature-Responsive Nanocomposites Based on Mesoporous SBA-15 Silica and PNIPAAm: Synthesis and Characterization. 2009 , 113, 4925-4931		68
326	Is there any microporosity in ordered mesoporous silicas?. <i>Langmuir</i> , 2009 , 25, 939-43	4	52
325	Isomeric periodic mesoporous organosilicas with controllable properties. 2009 , 19, 8839		17
324	Morphology of SBA-15-directed by association processes and surface energies. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 10973-82	3.6	34
323	Convenient synthesis of ordered mesoporous silica at room temperature and quasi-neutral pH. 2009 , 19, 8290		67
322	Nanochannels for supramolecular organization of luminescent guests. 2009 , 19, 8040		135
321	Ordered Microporous and Mesoporous Materials. 2009 , 243-329		1
320	Mesoporous silica synthesis in sub- and supercritical carbon dioxide. 2010 , 27, 983-990		4
319	Mesopore Pt/SBA-15-Katalysatoren für die enantioselektive Flüssigphasenhydrierung von Ethylpyruvat. <i>Chemie-Ingenieur-Technik</i> , 2010 , 82, 1031-1038	0.8	1
318	A one-pot route to synthesize highly ordered mesoporous carbons and silicas through organic/inorganic self-assembly of triblock copolymer, sucrose and silica. <i>Microporous and Mesoporous Materials</i> , 2010 , 128, 1-11	5.3	39

317	Ordered hexagonal mesoporous silica materials (SBA-15) with additional disordered large-mesopore networks formed by gaseous expansion. <i>Microporous and Mesoporous Materials</i> , 2010 , 136, 126-131	5.3	24
316	Analysis of pore structure and gas adsorption in periodic mesoporous solids by in situ small-angle X-ray scattering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 357, 3-10	5.1	13
315	Direct observation of surface structure of mesoporous silica with low acceleration voltage FE-SEM. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 357, 11-16	5.1	27
314	The difference between the surface reactivity of amorphous silica in the gas and liquid phase due to material porosity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 355, 67-74	5.1	13
313	Insight into surface heterogeneity of SBA-15 silica: Oxygen related defects and magnetic properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 357, 97-104	5.1	24
312	Simple synthesis of magnetic mesoporous FeNi/carbon composites with a large capacity for the immobilization of biomolecules. 2010 , 48, 3182-3189		52
311	Epoxy-functionalized large-pore SBA-15 and KIT-6 as affinity chromatography supports. <i>Comptes Rendus Chimie</i> , 2010 , 13, 199-206	2.7	31
310	Micro and Mesoporous Materials for Emerging Applications. 2010 , 3, 57-67		
309	Mesoporous Silicates. 2010 , 69-145		3
308	Preparation and Characterization of Textural and Energetic Parameters of Common and Functionalized SBA-15 Mesoporous Silicas. 2010 , 28, 387-396		2
307	Optimizing Silica Synthesis for the Preparation of Mesoporous Ti-SBA-15 Epoxidation Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 6977-6985	3.9	50
306	Design of functionalization and structural analysis of organically-modified siliceous oxides with periodic structures for the development of sorbents for hazardous substances. 2010 , 20, 4537		67
305	Probing Adsorption, Pore Condensation, and Hysteresis Behavior of Pure Fluids in Three-Dimensional Cubic Mesoporous KIT-6 Silica. 2010 , 114, 9344-9355		167
304	Combined Application of Tracer Zero Length Column Technique and Pulsed Field Gradient Nuclear Magnetic Resonance for Studies of Diffusion of Small Sorbate Molecules in Mesoporous Silica SBA-15. 2010 , 114, 16298-16308		21
303	Self-assembly and diffusion of block copolymer templates in SBA-15 nanochannels. 2010 , 114, 4223-9		20
302	Controlled Postgrafting of Titanium Chelates for Improved Synthesis of Ti-SBA-15 Epoxidation Catalysts. 2010 , 22, 1988-2000		87
301	Effect of Synthesis Conditions on the Structure and Catalytic Performance of V- and Ce-Incorporated SBA-15-like Materials in Propane Selective Oxidation. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 6790-6802	3.9	21
300	Postsynthetic functionalization of mesoporous silica. 2010 , 2, 887-92		178

299	Insights into pore surface modification of mesoporous polymer/silica composites: introduction of reactive amines. <i>New Journal of Chemistry</i> , 2010 , 34, 355	3.6	30
298	Mesoporous In ₂ O ₃ with Regular Morphology by Nanocasting: A Simple Relation between Defined Particle Shape and Growth Mechanism. 2010 , 114, 2075-2081		32
297	Hemoglobin immobilized on mesoporous silica as effective material for the removal of polycyclic aromatic hydrocarbons pollutants from water. <i>New Journal of Chemistry</i> , 2010 , 34, 2153	3.6	28
296	Novel europium complexes covalently bonded to MCM-41 and SBA-15: spatial confinement effects on photoluminescence behavior. 2010 , 39, 7485-92		24
295	Porous Si anode materials for lithium rechargeable batteries. 2010 , 20, 4009		282
294	Insight into the structure and localization of the titania overlayer in TiO ₂ -coated SBA-15 materials. <i>New Journal of Chemistry</i> , 2010 , 34, 508	3.6	29
293	One step room temperature synthesis of ordered mesoporous silica SBA-15 mediated by cellulose nanoparticles. 2010 , 20, 320-325		17
292	Controlled release using mesoporous silica nanoparticles functionalized with 18-crown-6 derivative. 2011 , 21, 7882		33
291	A systematic study of long-range ordered 3D-SBA-15 materials by electron tomography. <i>New Journal of Chemistry</i> , 2011 , 35, 2456	3.6	24
290	A facile and versatile partitioned cooperative self-assembly process to prepare SBA-15s with larger mesopores, high microporosity and tunable particle sizes. 2011 , 21, 12059		27
289	The role played by salts in the formation of SBA-15, an in situ small-angle X-ray scattering/diffraction study. <i>Langmuir</i> , 2011 , 27, 7121-31	4	33
288	Non-Hydrothermal Synthesis of Cylindrical Mesoporous Materials: Influence of the Surfactant/Silica Molar Ratio. 2011 , 29, 975-988		19
287	Synthesis of bulk and nanoporous carbon nitride polymers from ammonium thiocyanate for photocatalytic hydrogen evolution. 2011 , 21, 13032		353
286	Inorganic-organic hybrid materials through post-synthesis modification: Impact of the treatment with azides on the mesopore structure. <i>Beilstein Journal of Nanotechnology</i> , 2011 , 2, 486-98	3	14
285	Hydrocarbons adsorption on templated mesoporous materials: effect of the pore size, geometry and surface chemistry. <i>New Journal of Chemistry</i> , 2011 , 35, 407-416	3.6	46
284	Porosity and surface properties of SBA-15 with grafted PNIPAAm: a water sorption calorimetry study. <i>Langmuir</i> , 2011 , 27, 13838-46	4	13
283	A general route to synthesize supported isolated oxide and mixed-oxide nanoclusters at sizes below 5 nm. 2011 , 47, 1509-11		12
282	Facile one-pot synthesis of Pt nanoparticles /SBA-15: an active and stable material for catalytic applications. 2011 , 4, 2020		46

281	Insights into Hierarchically Structured Porous Materials: From Nanoscience to Catalysis, Separation, Optics, Energy, and Life Science. 2011 , 1-27		4
280	High-Surface-Area SBA-15 with Enhanced Mesopore Connectivity by the Addition of Poly(vinyl alcohol). 2011 , 23, 2062-2067		59
279	Size and Spatial Distribution of Micropores in SBA-15 using CM-SANS. 2011 , 23, 3828-3840		37
278	Synthetic Chemistry of the Inorganic Ordered Porous Materials. 2011 , 339-373		6
277	Sorption Properties of Ordered Mesoporous Silica for Toluene and Ethyl Acetate. 2011 , 29, 405-412		3
276	A Mesoporous Sulfated Zirconia/Silica Material with High Hydrothermal Stability and Acid Catalytic Activity. 2011 , 40, 760-761		
275	Large-pore mesoporous silica-coated magnetite core-shell nanocomposites and their relevance for biomedical applications. <i>Microporous and Mesoporous Materials</i> , 2011 , 145, 14-20	5-3	65
274	Au/TiO ₂ @SBA-15 nanocomposites as catalysts for direct propylene epoxidation with O ₂ and H ₂ mixtures. 2011 , 282, 94-102		42
273	Controlling the primary particle evolution process towards silica monoliths with tunable hierarchical structure. <i>Journal of Colloid and Interface Science</i> , 2011 , 364, 594-604	9-3	18
272	Pore Structure and Surface Acidity Effects of Ordered Mesoporous Supports on Enantioselective Hydrogenation of Ethyl Pyruvate. 2011 , 3, 741-748		10
271	Synthesis and characterization of zirconia-grafted SBA-15 nanocomposites. 2011 , 21, 8159		9
270	Self-formation phenomenon to hierarchically structured porous materials: design, synthesis, formation mechanism and applications. 2011 , 47, 2763-86		164
269	Carbon dioxide adsorption over DIPA functionalized MCM-41 and SBA-15 molecular sieves. 2011 , 106, 779-782		17
268	Single component and binary diffusion of n-heptane and toluene in SBA-15 materials. <i>Adsorption</i> , 2011 , 17, 27-38	2-6	6
267	Effect of amine functionalization of spherical MCM-41 and SBA-15 on controlled drug release. <i>Journal of Solid State Chemistry</i> , 2011 , 184, 1201-1207	3-3	142
266	Direct synthesis without addition of acid of Al-SBA-15 with controllable porosity and high hydrothermal stability. <i>Microporous and Mesoporous Materials</i> , 2011 , 142, 526-534	5-3	45
265	High-resolution electron microscopy study of mesoporous dichalcogenides and their hydrogen storage properties. 2011 , 22, 075702		4
264	Activated drying in hydrophobic nanopores and the line tension of water. 2012 , 109, 19557-62		58

263	New device to measure dynamic intrusion/extrusion cycles of lyophobic heterogeneous systems. 2012 , 83, 105105		21
262	Facile synthesis route to monodispersed platelet-like SBA-15 silica. <i>Journal of Porous Materials</i> , 2012 , 19, 745-749	2.4	6
261	Syntheses of micrometer-long Pt and Ag nanowires through SBA-15 templating. 2012 , 14, 1		6
260	Adsorption of Cu (II) by using modified SBA-15. 2012 ,		
259	Tailored jeffamine molecular tools for ordering mesoporous silica. <i>Langmuir</i> , 2012 , 28, 9816-24	4	14
258	Role of Liquid vs Vapor Water in the Hydrothermal Degradation of SBA-15. 2012 , 116, 22802-22814		39
257	Capillary condensation, freezing, and melting in silica nanopores: A sorption isotherm and scanning calorimetry study on nitrogen in mesoporous SBA-15. 2012 , 85,		14
256	Comparison of alumina- and SBA-15-supported molybdenum nitride catalysts for hydrodeoxygenation of guaiacol. 2012 , 435-436, 51-60		91
255	The effects of hydrothermal temperature on structural and photocatalytic properties of ordered large pore size TiO ₂ /BiO ₂ mesostructured composite. 2012 , 519, 72-76		26
254	Highly stable and regenerable Mn-based/SBA-15 sorbents for desulfurization of hot coal gas. <i>Journal of Hazardous Materials</i> , 2012 , 233-234, 219-27	12.8	50
253	Synergic effects of imidazolium ionic liquids on P123 mixed micelles for inducing micro/mesoporous materials. <i>Langmuir</i> , 2012 , 28, 2950-9	4	33
252	Quantitative Assessment of Pore Blockage in Supported Catalysts: Comparing Differential Scanning Calorimetry and Physisorption. 2012 , 116, 7480-7490		7
251	Synthesis and Properties of Nitrogen-Doped Mesoporous Carbon Materials Obtained by Templating of SBA-15 with Melamine-Formaldehyde Resin. 2012 , 554-556, 778-782		1
250	Tuning the morphology and the structure of hierarchical meso/macroporous silica by dual templating with micelles and solid lipid nanoparticles (SLN). 2012 , 22, 21540		26
249	Direct synthesis and the morphological control of highly ordered mesoporous AlSBA-15 using urea-tetrachloroaluminate as a novel aluminum source. 2012 , 22, 17551		27
248	Dimethyl ether synthesis over alumina based catalysts. <i>Chemical Engineering Journal</i> , 2012 , 184, 278-285	14.7	66
247	Pore size tuning of functionalized SBA-15 catalysts for the selective production of furfural from xylose. <i>Applied Catalysis B: Environmental</i> , 2012 , 115-116, 169-178	21.8	60
246	Comparison of dynamic adsorption/desorption characteristics of toluene on different porous materials. 2012 , 24, 520-8		53

245	Flash induction calcination: A powerful tool for total template removal and fine tuning of the hydrophobic/hydrophilic balance in SBA-15 type silica mesoporous materials. <i>Microporous and Mesoporous Materials</i> , 2012 , 147, 334-342	5-3	26
244	Systematic investigation of the synthesis parameters driving the preparation of mesoporous materials using a nonionic fluorinated surfactant. <i>Microporous and Mesoporous Materials</i> , 2012 , 151, 201-210	5-3	16
243	A solvent-free photochemical route for the preparation of mesoporous inorganic films. <i>Microporous and Mesoporous Materials</i> , 2012 , 151, 88-92	5-3	12
242	Influence of synthesis parameters on the physico-chemical characteristics of SBA-15 type ordered mesoporous silica. <i>Microporous and Mesoporous Materials</i> , 2012 , 153, 100-114	5-3	63
241	High-surface-area SBA-15 γ -Al ₂ O ₃ H with enhanced catalytic activity by the addition of poly(ethylene glycol). <i>Journal of Porous Materials</i> , 2013 , 20, 1041-1049	2-4	20
240	SBA-15/CMS composite membrane for H ₂ purification and CO ₂ capture: Effect of pore size, pore volume, and loading weight on separation performance. <i>Microporous and Mesoporous Materials</i> , 2013 , 180, 270-279	5-3	13
239	n-Heptane adsorption in periodic mesoporous silica by in situ positron annihilation lifetime spectroscopy. <i>Microporous and Mesoporous Materials</i> , 2013 , 179, 104-110	5-3	16
238	Continuous flow tuning of ordered mesoporous silica under ambient conditions. 2013 , 3, 18767		28
237	Effects of carbon coating and pore corrugation on capillary condensation of nitrogen in SBA-15 mesoporous silica. <i>Langmuir</i> , 2013 , 29, 11915-23	4	15
236	Thermal detemplation of SBA-15 mesophases. Effect of the activation protocol on the framework contraction. <i>Microporous and Mesoporous Materials</i> , 2013 , 176, 103-111	5-3	11
235	Ordered Mesoporous and Microporous Materials with Heteroatoms. 2013 , 231-245		5
234	Direct synthesis of Al-SBA-15 containing aluminosilicate species plugs in an acid-free medium and structural adjustment by hydrothermal post-treatment. <i>Journal of Solid State Chemistry</i> , 2013 , 203, 281-290	2-3	11
233	Investigation of properties of mesoporous silica materials based on nonionic fluorinated surfactant using BoxBehnken experimental designs. <i>Microporous and Mesoporous Materials</i> , 2013 , 174, 135-143	5-3	9
232	Methyl oleate deoxygenation for production of diesel fuel aliphatic hydrocarbons over Pd/SBA-15 catalysts. 2013 , 7, 149		15
231	Direct Observation of Plugs and Intrawall Pores in SBA-15 Using Low Voltage High Resolution Scanning Electron Microscopy and the Influence of Solvent Properties on Plug-Formation. 2013 , 25, 4105-4112		27
230	Recent advances in the synthesis of hierarchically nanoporous zeolites. <i>Microporous and Mesoporous Materials</i> , 2013 , 166, 3-19	5-3	370
229	Confined growth of highly uniform and single bcc-phased FeCo/graphitic-shell nanocrystals in SBA-15. <i>Microporous and Mesoporous Materials</i> , 2013 , 180, 32-39	5-3	12
228	Deposition and thermal transformation of metal oxides in mesoporous SBA-15 silica with hydrophobic mesopores. <i>Microporous and Mesoporous Materials</i> , 2013 , 179, 40-47	5-3	14

227	A convenient route to synthesize SBA-15 rods with tunable pore length for lysozyme adsorption. <i>Microporous and Mesoporous Materials</i> , 2013 , 170, 45-51	5-3	51
226	Synthesis Approach of Mesoporous Molecular Sieves. 2013 , 5-54		1
225	Small molecule [Si] interactions in porous silica structures. 2013 , 109, 38-50		27
224	The use of in situ and ex situ techniques for the study of the formation mechanism of mesoporous silica formed with non-ionic triblock copolymers. 2013 , 42, 3777-91		24
223	Adsorption, intrusion and freezing in porous silica: the view from the nanoscale. 2013 , 42, 4141-71		171
222	Mechanism of self-assembly in the synthesis of silica mesoporous materials: in situ studies by X-ray and neutron scattering. 2013 , 42, 4071-82		75
221	One-pot endo/exotemplating of hierarchical micro-mesoporous carbons. 2013 , 54, 365-377		12
220	Independent Fine-Tuning of the Intrawall Porosity and Primary Mesoporosity of SBA-15. 2013 , 25, 1989-1997		33
219	Antibody-functionalized porous silicon nanoparticles for vectorization of hydrophobic drugs. 2013 , 2, 718-27		98
218	Triblock siloxane copolymer surfactant: template for spherical mesoporous silica with a hexagonal pore ordering. <i>Langmuir</i> , 2013 , 29, 1618-26	4	17
217	Composition-dependent morphostructural properties of Ni-Cu oxide nanoparticles confined within the channels of ordered mesoporous SBA-15 silica. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 3010-25	9-5	118
216	Confinement of the Grubbs catalyst in alkene-functionalized mesoporous silica. <i>Microporous and Mesoporous Materials</i> , 2013 , 175, 170-177	5-3	13
215	A systematic investigation of the formation of ordered mesoporous silicas using poly(ethylene oxide)-b-poly(methyl methacrylate) as the template. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 8819	13	27
214	Mesoporous Silicas as Versatile Supports to Tune the Palladium-Catalyzed Selective Aerobic Oxidation of Allylic Alcohols. 2013 , 5, 939-950		51
213	Thermal conductivity of a kind of mesoporous silica SBA-15. 2013 , 22, 064401		13
212	Silica [Si]chiral Pc-L* copper complexes for halogen-free solvent cyclopropanation reactions. 2013 , 3, 22199		14
211	Esterification of fatty acid catalyzed by hydrothermally stable propylsulfonic acid-functionalized mesoporous silica SBA-15. 2013 , 62, 435-42		7
210	Synthesis of highly ordered nanorod arrays 9Mn1CeMOs and character of high sulfur capacity for hot coal gas desulfurization. 2014 , 33, n/a-n/a		

209	Silica-based Ceramics: Mesoporous Silica. 2014 , 109-151		3
208	Modifying the Hierarchical Porosity of SBA-15 via Mild-Detemplation Followed by Secondary Treatments. 2014 , 118, 28689-28698		11
207	Hierarchically porous monoliths of carbon and metal oxides with ordered mesopores. <i>Journal of Porous Materials</i> , 2014 , 21, 1113-1122	2.4	6
206	An energy-efficient route to the rapid synthesis of organically-modified SBA-15 via ultrasonic template removal. 2014 , 16, 197-202		23
205	Adsorption by Ordered Mesoporous Materials. 2014 , 529-564		6
204	About the thermal stability and pore elimination in the ordered hexagonal mesoporous silica SBA-15. <i>Microporous and Mesoporous Materials</i> , 2014 , 190, 227-233	5.3	15
203	Electrospinning of PAN nanofibers incorporating SBA-15-type ordered mesoporous silica particles. 2014 , 54, 71-78		11
202	Direct synthesis of mesoporous 12-tungstophosphoric acid SBA-15 catalyst for selective esterification of glycerol and lauric acid to monolaurate. <i>Chemical Engineering Journal</i> , 2014 , 250, 274-287	14.7	75
201	A molecular model to explain the controlled release from SBA-15 functionalized with APTES. <i>Microporous and Mesoporous Materials</i> , 2014 , 195, 43-49	5.3	30
200	CO oxidation catalyzed by Ag/SBA-15 catalysts: Influence of the hydrothermal treatment. <i>Comptes Rendus Chimie</i> , 2014 , 17, 775-784	2.7	8
199	Heterogeneous acid-catalysts for the production of furan-derived compounds (furfural and hydroxymethylfurfural) from renewable carbohydrates: A review. <i>Catalysis Today</i> , 2014 , 234, 42-58	5.3	202
198	Solid-ionic liquid interfaces: pore filling revisited. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 24359-73.6		24
197	Preparation of highly controlled nanostructured Au within mesopores using reductive deposition in non-polar environments. 2014 , 4, 27201-27206		11
196	Synthesis of hierarchically porous silicas with mesophase transformations in a four-component microemulsion-type system and the catalytic performance for dibenzothiophene hydrodesulfurization. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 6823-6833	13	48
195	Pt/SBA-15 as a Highly Efficient Catalyst for Catalytic Toluene Oxidation. 2014 , 4, 3824-3836		109
194	Influence of microporosity in SBA-15 on the release properties of anticancer drug dasatinib. 2014 , 2, 5265-5271		30
193	Tailoring porosity and dimensionality of Co ₃ O ₄ nanophase using channel interconnectivity control by steaming of nanocasting SBA-15. <i>Microporous and Mesoporous Materials</i> , 2014 , 200, 182-189	5.3	8
192	Synthesis of purely silica MFI-type nanosheets for molecular decontamination. 2014 , 4, 37353		33

191	Hydrogenation of succinic acid to ϵ -butyrolactone and 1,4-butanediol over mesoporous rhenium-copper-carbon composite catalyst. 2014 , 395, 234-242		28
190	Insights into Nanoscale Electrophoresis of Single Dye Molecules in Highly Oriented Mesoporous Silica Channels. 2014 , 118, 24013-24024		7
189	Efficient ligand-free Hiyama cross-coupling reaction catalyzed by functionalized SBA-15-supported Pd nanoparticles. 2014 , 16, 2706-2712		26
188	Sol-Gel Based Hydrophobic Antireflective Coatings on Organic Substrates: A Detailed Investigation of Ammonia Vapor Treatment (AVT). 2014 , 26, 1822-1833		55
187	Mesoporous Materials as Potential Absorbents for Water Purification. 2014 , 269-284		1
186	Hierarchically Structured Porous Materials. 2015 , 987-1030		3
185	Preparation of Mesoporous Bimetallic Au-Pt with a Phase-Segregated Heterostructure Using Mesoporous Silica. 2015 , 21, 19142-8		4
184	Mesoporous organosilica membranes: Effects of pore geometry and calcination conditions on the membrane distillation performance for desalination. 2015 , 370, 53-62		17
183	Structure evolution of mesoporous silica SBA-15 and MCM-41 under swift heavy ion irradiation. 2015 , 365, 336-341		8
182	Recent Advances in Silica-Based Materials for the Removal of Hexavalent Chromium: A Review. 2015 , 60, 2521-2540		87
181	Aerosol-assisted controlled packing of silica nanocolloids: templateless synthesis of mesoporous silicates with structural tunability and complexity. <i>Langmuir</i> , 2015 , 31, 542-50	4	4
180	On the improvement of pore accessibility through post-synthesis hydrothermal treatments of spray dried SBA-15 microspheres. 2015 , 127, 276-284		12
179	Protein Immobilization in Surface-Functionalized SBA-15: Predicting the Uptake Capacity from the Pore Structure. 2015 , 119, 2438-2446		20
178	The influence of the nature of organosilane surfactants and their concentration on the formation of hierarchical FAU-type zeolite nanosheets. <i>New Journal of Chemistry</i> , 2015 , 39, 2675-2681	3.6	24
177	Synthesis of mesoporous carbons using silica templates impregnated with mineral acids. <i>Microporous and Mesoporous Materials</i> , 2015 , 207, 156-162	5.3	19
176	Heterogeneous oligomerization of ethylene over highly active and stable Ni-ALSBA-15 mesoporous catalysts. 2015 , 323, 76-84		120
175	In vitro bioactivity and drug release kinetics studies of mesoporous silica-biopolymer composites. <i>Journal of Porous Materials</i> , 2015 , 22, 1465-1472	2.4	6
174	Ni-exchanged ALSBA-15 mesoporous materials as outstanding catalysts for ethylene oligomerization. 2015 , 224, 1831-1841		10

173	Influence of the Particle Sizes on the Energetic Performances of MFI-Type Zeolites. 2015 , 119, 18074-18083	19
172	Self-Assembly of Pluronic F127-Silica Spherical Core-Shell Nanoparticles in Cubic Close-Packed Structures. 2015 , 27, 5161-5169	29
171	Post-synthesis pore expansion of mesoporous silica SBA-15 in the organic template removal via solvothermal treatment. 2015 , 60, 1019-1025	2
170	Hydroconversion of n-hexadecane over bifunctional microporous and mesoporous model catalysts. Influence of pore architecture on selectivity. 2015 , 329, 348-354	32
169	Highly Ordered Mesoporous CuCo ₂ O ₄ Nanowires, a Promising Solution for High-Performance Supercapacitors. 2015 , 27, 3919-3926	295
168	Template-free synthesis of porous boron nitride using a single source precursor. 2015 , 5, 46823-46828	11
167	Elaborating ordered silicon carbide nanorods by preceramic polymer nanocasting. 2015 , 5, 86156-86162	8
166	Highly Ordered Mesoporous Cobalt-Containing Oxides: Structure, Catalytic Properties, and Active Sites in Oxidation of Carbon Monoxide. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11407-18	16.4 175
165	Asymmetric neutral, cationic and anionic PEO-based double-hydrophilic block copolymers (DHBCs): synthesis and reversible micellization triggered by temperature or pH. 2015 , 6, 1339-1349	18
164	Nitration and reduction route to surface groups of mesoporous carbons obtained from sucrose and phloroglucinol/formaldehyde precursors. 2015 , 149-150, 539-552	7
163	Interlayer-free P123 carbonised template silica membranes for desalination with reduced salt concentration polarisation. 2015 , 475, 376-383	77
162	Porosity characterization of SBA-15 silicas with thermoporosimetry of water and n-alkanes The effect of the probe liquid nature. <i>Microporous and Mesoporous Materials</i> , 2015 , 201, 141-150	5.3 8
161	Thermal conductivity of monolithic assemblies of SBA-15 ordered mesoporous silica particles. <i>Microporous and Mesoporous Materials</i> , 2015 , 201, 124-133	5.3 19
160	Synthesis and Textural Characterization of Mesoporous and Meso-/Macroporous Silica Monoliths Obtained by Spinodal Decomposition. 2016 , 4, 9	40
159	Insights into the pore structure of KIT-6 and SBA-15 ordered mesoporous silica Recent advances by combining physical adsorption with mercury porosimetry. <i>New Journal of Chemistry</i> , 2016 , 40, 4351-4360	3.6 34
158	Thermosensitive and Drug-Loaded Ordered Mesoporous Silica: A Direct and Effective Synthesis Using PEO-b-PNIPAM Block Copolymers. 2016 , 28, 3374-3384	30
157	Insights into the accessibility of Zr in Zr/SBA-15 mesoporous silica supports with increasing Zr loadings. <i>Microporous and Mesoporous Materials</i> , 2016 , 225, 440-449	5.3 14
156	Rapid synthesis of tunable-structured short-pore SBA-15 and its application on CO ₂ capture. <i>Journal of Porous Materials</i> , 2016 , 23, 529-537	2.4 10

155	Impact of support pore structure and morphology on catalyst performance of VO _x /SBA-15 for selective methane oxidation. <i>Catalysis Today</i> , 2016 , 278, 120-126	5-3	14
154	Enhanced energy harvesting by concentration gradient-driven ion transport in SBA-15 mesoporous silica thin films. 2016 , 16, 3824-3832		54
153	Pore Size Effect on Methane Adsorption in Mesoporous Silica Materials Studied by Small-Angle Neutron Scattering. <i>Langmuir</i> , 2016 , 32, 8849-57	4	28
152	Synthesis of nitrogen-doped ordered mesoporous carbon electrocatalyst: Nanoconfinement effect in SBA-15 template. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 18027-18032	6-7	28
151	Use of Mesoporous Silica Modified with Titanium Oxide as a Template for Preparation of Mesoporous Carbon Incorporating TiO ₂ Nanocrystals. 2016 , 89, 1207-1211		4
150	Porosity of SBA-15 after functionalization of the surface with aminosilanes. <i>Microporous and Mesoporous Materials</i> , 2016 , 234, 98-106	5-3	13
149	Confinement-Induced Supercriticality and Phase Equilibria of Hydrocarbons in Nanopores. <i>Langmuir</i> , 2016 , 32, 11506-11513	4	63
148	Fluorescent mesoporous organosilicas containing 1,4-diureyl terephthalate moieties. 2016 , 325, 22-28		4
147	Catalytic role of solid acid catalysts in glycerol acetylation for the production of bio-additives: a review. 2016 , 6, 68885-68905		60
146	Usefulness of Mesoporous Silica as a Template for the Preparation of Bundles of Bi Nanowires with Precisely Controlled Diameter Below 10 nm. 2016 , 11, 900-5		5
145	New Generation of Zeolite Materials for Environmental Applications.. 2016 , 120, 2688-2697		28
144	Assessment of the density of (meso)porous materials from standard volumetric physisorption data. <i>Microporous and Mesoporous Materials</i> , 2016 , 223, 53-57	5-3	11
143	Influence of the porous texture of SBA-15 mesoporous silica on the anatase formation in TiO ₂ /BiO ₂ nanocomposites. <i>New Journal of Chemistry</i> , 2016 , 40, 4386-4397	3-6	28
142	Pore structure effects on the kinetics of methanol oxidation over nanocast mesoporous perovskites. 2016 , 37, 32-42		8
141	Detailed Study of the Nanocasting Process by in Situ X-ray Scattering and Diffraction. 2016 , 120, 1854-1862		6
140	Highly dispersed copper species supported on SBA-15 mesoporous materials for SO _x removal: Influence of the CuO loading and of the support. 2016 , 148, 1-11		19
139	Thermoporosimetry of n-alkanes for characterization of mesoporous SBA-15 silicas [Refinement of methodology. <i>Microporous and Mesoporous Materials</i> , 2016 , 222, 33-43	5-3	9
138	Controlling the distribution of cobalt (oxide) nanoparticles in the dual pore system of SBA-15 scaffolds. <i>Microporous and Mesoporous Materials</i> , 2016 , 224, 176-189	5-3	10

137	Fine CuO anisotropic nanoparticles supported on mesoporous SBA-15 for selective hydrogenation of nitroaromatics. <i>Journal of Colloid and Interface Science</i> , 2016 , 461, 203-210	9.3	21
136	Systematic investigation of the pore structure and surface properties of SBA-15 by water vapor physisorption. <i>Microporous and Mesoporous Materials</i> , 2016 , 220, 183-187	5.3	17
135	Mesostructured Zeolites. 2016 , 101-148		3
134	Textural and morphology changes of mesoporous SBA-15 silica due to introduction of guest phase. 2017 , 89, 481-491		2
133	New approach for determining cartilage pore size distribution: NaCl-thermoporometry. <i>Microporous and Mesoporous Materials</i> , 2017 , 241, 238-245	5.3	13
132	SBA-15 templating synthesis of mesoporous bismuth oxide for selective removal of iodide. <i>Journal of Colloid and Interface Science</i> , 2017 , 501, 248-255	9.3	16
131	Effects of the zeolite particle size on the charge separated states. <i>Microporous and Mesoporous Materials</i> , 2017 , 254, 121-127	5.3	5
130	Synthesis and structural characterization of ZnO and CuO nanoparticles supported mesoporous silica SBA-15. 2017 , 667, 165-171		20
129	Evaluation of hydrodeoxygenation reactivity of pyrolysis bio-oil with various Ni-based catalysts for improvement of fuel properties. 2017 , 7, 15116-15126		51
128	Nanoconfined Ionic Liquids. 2017 , 117, 6755-6833		349
127	Selectively Tuned Pore Condensation and Hysteresis Behavior in Mesoporous SBA-15 Silica: Correlating Material Synthesis to Advanced Gas Adsorption Analysis. 2017 , 121, 24505-24526		34
126	Simultaneous adsorption and photocatalytic behavior of hybrid mesoporous ZnS/BiO ₂ nanocomposite. 2017 , 4, 085037		0
125	Synthesis of pseudo-CMK-3 carbon replicas by precipitation polycondensation of furfuryl alcohol in the pore system of SBA-15 detemplated using KMnO ₄ . 2017 , 13, 6-22		10
124	Improved dispersion of transition metals in mesoporous materials through a polymer-assisted melt infiltration method. 2017 , 7, 5448-5456		16
123	Catalytic Activity of Fe-SBA-15 Prepared by Evaporation-Induced Self-Assembly (EISA) Method. 2017 , 898, 1916-1922		1
122	Structure-performance relationship in CuO/SBA-15-type SO _x adsorbent: evolution of copper-based species under different regenerative treatments. 2017 , 7, 4115-4128		13
121	Preparation and characterization of antibacterial mesoporous sieves with N-halamine. 2017 , 295, 1897-1904		6
120	A controlled alkaline treatment of Al-SBA-15: a facile route to adjust the chemical composition and synthesize an ordered mesoporous carbon material, CMK-3, possessing strong pressure resistant capability. <i>New Journal of Chemistry</i> , 2017 , 41, 7634-7642	3.6	6

119	3D porous nanostructured platinum prepared using atomic layer deposition. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 19007-19016	13	8
118	The selective hydrogenation of rosin to hydroabiatic content using Pd/SBA-15 as catalysts. 2017 , 43, 1211-1221		2
117	An overview of ordered mesoporous material SBA-15: synthesis, functionalization and application in oxidation reactions. <i>Journal of Porous Materials</i> , 2017 , 24, 741-749	2.4	79
116	Synthetic Chemistry of the Inorganic Ordered Porous Materials. 2017 , 389-428		2
115	Long-term activity of a CuO/SBA-15 type SO _x adsorbent: Impact of the regeneration step. <i>Chemical Engineering Journal</i> , 2018 , 347, 202-213	14.7	10
114	Impact of Textural Properties of Mesoporous Porphyrinic Carbon Electrocatalysts on Oxygen Reduction Reaction Activity. 2018 , 5, 1928-1936		21
113	Designed Meso-macroporous Silica Framework Impregnated with Copper Oxide Nanoparticles for Enhanced Catalytic Performance. 2018 , 10, 2087-2095		13
112	Synthesis of hierarchical ZSM-48 nano-zeolites. <i>New Journal of Chemistry</i> , 2018 , 42, 4457-4464	3.6	8
111	One-step strategic synthesis of x%Ni@SBA-15 sorbents and properties of high adsorption desulfurization for model and commercial liquid fuels. <i>Microporous and Mesoporous Materials</i> , 2018 , 268, 276-284	5.3	7
110	Nanoconfinement-Induced Phase Segregation of Binary Benzene/Cyclohexane Solutions within a Chemically Inert Matrix. 2018 , 122, 7676-7684		7
109	CO ₂ capture using triamine-grafted SBA-15: The impact of the support pore structure. <i>Chemical Engineering Journal</i> , 2018 , 334, 1260-1269	14.7	82
108	The structure of mesoporous silica obtained by pseudomorphic transformation of SBA-15 and SBA-16. <i>Microporous and Mesoporous Materials</i> , 2018 , 257, 232-240	5.3	16
107	Scaling-up of mesoporous silica films via an eco-efficient UV processing method. Part 1: Photoinduced mesostructuration. <i>Microporous and Mesoporous Materials</i> , 2018 , 257, 42-50	5.3	4
106	Protective desilication of highly siliceous H-ZSM-5 by sole tetraethylammonium hydroxide for the methanol to propylene (MTP) reaction.. 2018 , 8, 37842-37854		6
105	Metal oxide catalysts for biodiesel production. 2018 , 303-319		7
104	Revelation on the Complex Nature of Mesoporous Hierarchical FAU-Y Zeolites. <i>Langmuir</i> , 2018 , 34, 11414-11423		
103	Hindered Diffusion in Ordered Mesoporous Silicas: Insights from Pore-Scale Simulations in Physical Reconstructions of SBA-15 and KIT-6 Silica. 2018 , 122, 12350-12361		48
102	Carboxylic acid Functionalized Cage-Type Mesoporous Silica FDU-12 as Support for Controlled Synthesis of Platinum Nanoparticles and Their Catalytic Applications. 2018 , 24, 13540-13548		12

101	Influence of Synthesis Parameters in Obtaining KIT-6 Mesoporous Material. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 725	2.6	10
100	Tailored Synthesis of Core-Shell Mesoporous Silica Particles-Optimization of Dye Sorption Properties. 2018 , 8,		11
99	Small gold nanoparticles with narrow size distribution achieved in SBA-15 pores by using ionic silsesquioxane instead of thiol group as stabilizer and adhesion agent. <i>Microporous and Mesoporous Materials</i> , 2018 , 270, 48-56	5.3	11
98	Harnessing Filler Materials for Enhancing Biogas Separation Membranes. 2018 , 118, 8655-8769		154
97	Mesoporous Silica Nanoparticles: A Comprehensive Review on Synthesis and Recent Advances. 2018 , 10,		364
96	Stable Blue Luminescent CsPbBr Perovskite Nanocrystals Confined in Mesoporous Thin Films. 2018 , 57, 8881-8885		110
95	Surface modified mesoporous nanocast carbon as a catalyst for aqueous sulfide oxidation and adsorption of the produced polysulfides. <i>New Journal of Chemistry</i> , 2018 , 42, 11708-11714	3.6	3
94	Stable Blue Luminescent CsPbBr ₃ Perovskite Nanocrystals Confined in Mesoporous Thin Films. 2018 , 130, 9019-9023		33
93	Immobilization of the enzyme invertase in SBA-15 with surfaces functionalized by different organic compounds. <i>Journal of Porous Materials</i> , 2019 , 26, 77-89	2.4	8
92	Effect of different synthesis parameters on physical and structural properties of SBA-15. 2019 , 1-11		
91	In Situ Small-Angle Neutron Scattering Investigation of Adsorption-Induced Deformation in Silica with Hierarchical Porosity. <i>Langmuir</i> , 2019 , 35, 11590-11600	4	5
90	Time evolution of the framework structure of SBA-15 during the aging process. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 583, 123807	5.1	2
89	The effect of Ag and CeO ₂ distribution on SBA-15 surface on the activity of Ag/CeO ₂ /SBA-15 catalysts in CO and methanol oxidation. <i>Journal of Sol-Gel Science and Technology</i> , 2019 , 92, 398-407	2.3	6
88	The atomic local ordering of SBA-15 studied with pair distribution function analysis, and its relationship to porous structure and thermal stability. 2019 , 175, 341-347		4
87	Metal Nanoparticles Syntheses on Ionic Liquids Functionalized Mesoporous Silica SBA-15. 2019 , 19, 2058-2068		9
86	Impact of surface loading on catalytic activity of regular and low micropore SBA-15 in the Knoevenagel condensation. 2019 , 65, e16791		3
85	Primary, secondary, and tertiary silanamine sites formed on nitrated SBA-15 for base catalytic C C bond formation reactions. 2019 , 378, 131-139		5
84	Preparation of nickel (oxide) nanoparticles confined in the secondary pore network of mesoporous scaffolds using melt infiltration. <i>Catalysis Today</i> , 2019 , 334, 48-58	5.3	15

83	Hierarchical ZSM-5 beads composed of zeolite nanosheets obtained by pseudomorphic transformation. <i>Microporous and Mesoporous Materials</i> , 2019 , 288, 109565	5.3	7
82	The influence of drying and calcination on surface chemistry, pore structure and mechanical properties of hierarchically organized porous silica monoliths. <i>Microporous and Mesoporous Materials</i> , 2019 , 288, 109578	5.3	12
81	Synthesis of Hollow Silica Nanoparticle Aggregates from Asymmetric Methyltrimethoxysilane Using a Modified SBA-15 Method. <i>Langmuir</i> , 2019 , 35, 7896-7904	4	4
80	Strategy to control the amount of titania dispersed on SBA-15 surface preserving its porosity, aiming to develop a sensor for electrochemical evaluation of antibiotics. <i>Microporous and Mesoporous Materials</i> , 2019 , 287, 203-210	5.3	7
79	Scalable Synthesis of Mesoporous TiO for Environmental Photocatalytic Applications. 2019 , 12,		29
78	Role of the type of grafting solvent and its removal process on APTES functionalization onto SBA-15 silica for CO ₂ adsorption. <i>Journal of Porous Materials</i> , 2019 , 26, 1581-1591	2.4	14
77	A new hybrid sorbent 2,2′-bipyridil functionalized SBA-15 (Pyl-SBA-15) synthesis and its applications in solid phase extraction of Cu(II) from water samples. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103170	6.8	8
76	CMK-3 nanostructured carbon: Effect of temperature and time carbonization on textural properties and H ₂ storage. <i>Chemical Engineering Communications</i> , 2019 , 206, 1581-1595	2.2	5
75	Incorporating Aluminum Into the Structure of SBA-15 by Adjusting the pH and Adding NaF. <i>Materials Research</i> , 2019 , 22,	1.5	5
74	An In situ pairing strategy for facile fabrication of densely packed gold nanostructures in ordered mesoporous silicas. <i>Microporous and Mesoporous Materials</i> , 2019 , 284, 53-59	5.3	2
73	Post-synthesis deposition of mesoporous niobic acid with improved thermal stability by kinetically controlled sol-gel overcoating. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 23803-23811	13	3
72	pH-mediated control over the mesostructure of ordered mesoporous materials templated by polyion complex micelles. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 144-156	3	6
71	General Synthesis and Physico-chemical Properties of Mesoporous Materials. <i>Springer Series in Materials Science</i> , 2019 , 15-85	0.9	2
70	Nanorod carbon nitride as a carbo catalyst for selective oxidation of hydrogen sulfide to sulfur. <i>Journal of Hazardous Materials</i> , 2019 , 364, 218-226	12.8	23
69	Synthesis of ceria nanoparticles in pores of SBA-15: Pore size effect and influence of citric acid addition. <i>Microporous and Mesoporous Materials</i> , 2019 , 277, 10-16	5.3	13
68	Non-thermal plasma: A fast and efficient template removal approach allowing for new insights to the SBA-15 structure. <i>Microporous and Mesoporous Materials</i> , 2020 , 296, 110015	5.3	6
67	Tuning the metal-support interaction of methane tri-reforming catalysts for industrial flue gas utilization. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 1911-1929	6.7	23
66	Effect of silica supports on deoxygenation of methyl palmitate over mesoporous silica-supported Ni/Al catalysts. <i>Journal of Industrial and Engineering Chemistry</i> , 2020 , 83, 366-374	6.3	9

65	Improved facile synthesis of mesoporous SBA-15-CTA using citric acid under mild conditions. <i>Journal of Solid State Chemistry</i> , 2020 , 282, 121079	3.3	3
64	Incorporation and release of a model drug, ciprofloxacin, from non-modified SBA-15 molecular sieves with different pore sizes. <i>Microporous and Mesoporous Materials</i> , 2020 , 294, 109903	5.3	10
63	Understanding of NO _x storage property of impregnated Ba species after crystallization of mesoporous alumina powders. <i>Journal of Hazardous Materials</i> , 2020 , 398, 122791	12.8	7
62	Influence of modified mesoporous silica SBA-15 and compatibilizer on the properties and structure of ethylene-vinyl acetate copolymer-based nanocomposites. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 2003-2017	1.5	0
61	Thermodynamic and Kinetic Transitions of Liquids in Nanoconfinement. <i>Accounts of Chemical Research</i> , 2020 , 53, 2869-2878	24.3	3
60	Synthesis and characterization of MCM-41/SBA-15 mixed-phase silica with trimodal mesoporous system and thick pore wall. <i>Journal of Porous Materials</i> , 2020 , 27, 1669-1676	2.4	0
59	Facile Fabrication of Small-Sized Palladium Nanoparticles in Nanoconfined Spaces for Low-Temperature CO Oxidation. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 19145-19152	3.9	4
58	Morphology-transport relationships for SBA-15 and KIT-6 ordered mesoporous silicas. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 11314-11326	3.6	16
57	Molybdenum-promoted cobalt supported on SBA-15: Steam and sulfur dioxide stable catalyst for CO oxidation. <i>Applied Catalysis B: Environmental</i> , 2020 , 277, 119248	21.8	18
56	Controlled Crystallization of Hierarchical Monoliths Composed of Nanozeolites. <i>Crystal Growth and Design</i> , 2020 , 20, 5413-5423	3.5	4
55	Exploring the confinement of polymer nanolayers into ordered mesoporous silica using advanced gas physisorption. <i>Journal of Colloid and Interface Science</i> , 2020 , 579, 489-507	9.3	3
54	Microporosity, Pore Size, and Diffusional Path Length Modulate Lipolysis Kinetics of Triglycerides Adsorbed onto SBA-15 Mesoporous Silica Particles. <i>Langmuir</i> , 2020 , 36, 3367-3376	4	5
53	The Effect of Temperature and Time of the Hydrothermal Treatment in the SBA-15 Synthesis Process on the Structure and Textural Properties and the Ability to Reduce the Evolution of Tars in Tobacco Smoking. <i>Catalysts</i> , 2020 , 10, 272	4	3
52	Tunable Effect of the Calcination of the Silanol Groups of KIT-6 and SBA-15 Mesoporous Materials. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 970	2.6	10
51	Heterogeneous gold nanocatalyst applied in the synthesis of 2-aryl-2,3-dihydroquinazolin-4(1H)-ones. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 589, 124455	5.1	6
50	Effect of microwave irradiation on the structural, chemical, and hydrophilicity characteristics of ordered mesoporous silica SBA-15. <i>Journal of Sol-Gel Science and Technology</i> , 2020 , 94, 708-718	2.3	6
49	Layer-by-Layer Freezing of Nanoconfined Water. <i>Scientific Reports</i> , 2020 , 10, 5327	4.9	6
48	Product Modification in Catalytic Fast Pyrolysis of Corn Stalk: The Decoupled Effect of Acidity and Porosity within a Core/Shell Micro-/Mesoporous Zeolite. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 7445-7453	8.3	3

47	Trimetallic NiMoW and CoMoW catalysts supported on SBA-15 modified with titania or zirconia for deep hydrodesulfurization. <i>Catalysis Today</i> , 2021 , 360, 78-89	5.3	5
46	Facile approach for the synthesis of spherical mesoporous silica nanoparticles from sodium silicate. <i>Materials Letters</i> , 2021 , 283, 128765	3.3	10
45	Selective Modification of Hierarchical Pores and Surfaces in Nanoporous Materials. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2001153	4.6	7
44	The effects of cyclic alcohols on particle morphology and pore diameter for the SBA-15. <i>Microporous and Mesoporous Materials</i> , 2021 , 311, 110706	5.3	3
43	Deep removal of thiophene and benzothiophene in low-sulfur fuels over the efficient CeAlSBA-15 adsorbent synthesized by sequential alumination and cerium incorporation. <i>Chemical Engineering Journal</i> , 2021 , 416, 127984	14.7	4
42	Co/Ce Oxides Supported on SBA-15 for VOCs Oxidation. <i>Catalysts</i> , 2021 , 11, 366	4	3
41	Reassessing the Physicochemical Properties of Ordered Mesoporous Polymer and Copolymer Nanocasts. <i>Chemie-Ingenieur-Technik</i> , 2021 , 93, 916-928	0.8	1
40	Revisiting the Nature of Adsorption and Desorption Branches: Temperature Dependence of Adsorption Hysteresis in Ordered Mesoporous Silica. <i>ACS Omega</i> , 2021 , 6, 15964-15974	3.9	0
39	Effect of Reaction Time and Hydrothermal Treatment Time on the Textural Properties of SBA-15 Synthesized Using Sodium Silicate as a Silica Source and Its Efficiency for Reducing Tobacco Smoke Toxicity. <i>Catalysts</i> , 2021 , 11, 808	4	
38	Rice Husk-Derived Mesoporous Silica as a Promising Platform for Chemotherapeutic Drug Delivery. <i>Waste and Biomass Valorization</i> , 1	3.2	0
37	Impact of heteroatom addition into mesoporous silica for water adsorption in the low partial pressure range. <i>Adsorption</i> , 2021 , 27, 1-14	2.6	0
36	Influence of functionalization method on isomorphic substitution and formation of extra-framework oxides in silica for water vapor adsorption. <i>Adsorption</i> , 1	2.6	1
35	Recent Nanocarrier Approaches for Targeted Drug Delivery in Cancer Therapy. <i>Current Molecular Pharmacology</i> , 2021 , 14, 350-366	3.7	1
34	Fundamental features of mesoporous functional materials influencing the efficiency of removal of VOCs from aqueous systems: A review. <i>Science of the Total Environment</i> , 2021 , 784, 147121	10.2	4
33	From the outside to the inside: Elucidation of the mechanism of pseudomorphic transformation of SBA-15 into MCM-41 by following its time-resolved conversion. <i>Microporous and Mesoporous Materials</i> , 2021 , 328, 111442	5.3	0
32	Functional mesoporous silica with controlled pore size for selective adsorption of free fatty acid and chlorophyll. <i>Microporous and Mesoporous Materials</i> , 2020 , 306, 110410	5.3	3
31	Optimization of Synthesis Conditions of Ni/SBA-15 Catalysts: Confined Nanoparticles and Improved Stability in Dry Reforming of Methane. <i>Catalysts</i> , 2021 , 11, 44	4	3
30	Ionic Liquids Mediated Ionothermal Process for the One-Step Synthesis of High Surface Area Alumina Supported Noble Metals. <i>Modern Research in Catalysis</i> , 2013 , 02, 28-35	0.6	2

29	Design of Mesoporous Silica at Low Acid Concentrations in Triblock Copolymer-Butanol-Water Systems. <i>Bulletin of the Korean Chemical Society</i> , 2005 , 26, 1653-1668	1.2	31
28	Eco-friendly and facile synthesis of size-controlled spherical silica particles from rice husk. <i>Nanoscale Advances</i> ,	5.1	0
27	Crystalline and Ordered Nanoporous Materials. 2007 , 211-242		
26	Benzyl Alcohol Oxidation over H5PMo10V2O40Catalyst Chemically Immobilized on Sulfur-containing Mesoporous Carbon. <i>Korean Chemical Engineering Research</i> , 2016 , 54, 419-424		
25	Synthesis Strategies and Emerging Catalytic Applications of Siliceous Materials with Hierarchically Ordered Porosity. 2017 , 189-215		
24	Mesoporous structured silica modified with niobium oxide and cobalt hematoporphyrin applied to the simultaneous electrochemical evaluation of oxalic and uric acids. <i>Journal of Sol-Gel Science and Technology</i> , 1	2.3	
23	The confinement effects of ordered mesoporous carbon on copper nanoparticles for methanol oxidative carbonylation. <i>New Journal of Chemistry</i> , 2022 , 46, 2980-2988	3.6	0
22	Cobalt oxide confined in mesoporous SiO ₂ as effective catalyst for CO oxidation. <i>Microporous and Mesoporous Materials</i> , 2022 , 333, 111733	5.3	0
21	Cu ₂ O nanoparticles supported on ordered mesoporous silica for the catalytic hydrogenation of cinnamaldehyde. <i>Comptes Rendus Chimie</i> , 2022 , 25, 1-14	2.7	
20	Pore Size Distribution Analysis Using Developing Hysteresis of Nitrogen in the Cylindrical Pores of Silica.. <i>Langmuir</i> , 2022 ,	4	1
19	Ultrasonic Synthesis of Al-SBA-15 Nanoporous Catalyst for t-Butylation of Ethylbenzene. <i>Journal of Nanomaterials</i> , 2022 , 2022, 1-10	3.2	0
18	Cobalt Oxide Nanowires with Controllable Diameter and Crystal Structures for the Oxygen Evolution Reaction. <i>European Journal of Inorganic Chemistry</i> ,	2.3	
17	A comprehensive comparison of zeolite-5A molecular sieves and amine-grafted SBA-15 silica for cyclic adsorption-desorption of carbon dioxide in enclosed environments. <i>Chemical Engineering Journal</i> , 2022 , 437, 135139	14.7	2
16	Assembly of SBA-15 into hierarchical porous monoliths replicating polymeric scaffolds. <i>Microporous and Mesoporous Materials</i> , 2022 , 337, 111908	5.3	1
15	Differences in Catalytic Activity and Durability of Nitrogen Sites on Nitrided SBA-15 or Porous Carbon Nitride. <i>Journal of the Japan Petroleum Institute</i> , 2022 , 65, 116-124	1	
14	Immobilization of Orange Carotenoid Protein on mesoporous silica SBA-15 for the development of photoactivable nanodevices. <i>Microporous and Mesoporous Materials</i> , 2022 , 112007	5.3	0
13	Contemporary, Multidisciplinary Roles of Mesoporous Silica Nanohybrids/Nanocomposites. <i>ChemistrySelect</i> , 2022 , 7,	1.8	
12	Effect of the Topology on Wetting and Drying of Hydrophobic Porous Materials. <i>ACS Applied Materials & Interfaces</i> ,	9.5	

11	Understanding the Impacts of Support-Polymer Interactions on the Dynamics of Poly(ethyleneimine) Confined in Mesoporous SBA-15. <i>Journal of the American Chemical Society</i> ,	16.4	1
10	Towards efficient and greener processes for furfural production from biomass: A review of the recent trends. <i>Science of the Total Environment</i> , 2022 , 157599	10.2	2
9	Synthesis of sulfonic SBA-15 by co-condensation and soxhlet extraction: optimization by shortening the preparation time.		
8	Quantifying the fraction and activity of catalytic sites at different surface densities of aminosilanes in SBA-15 for the aldol reaction and condensation. 2022 , 413, 1048-1055		0
7	Investigating the impact of micropore volume of aminosilica functionalized SBA-15 on catalytic activity for amine-catalyzed reactions. 2022 , 414, 356-364		1
6	Revealing the effects of high Al loading incorporation in the SBA-15 silica mesoporous material.		0
5	Evaluating the per site activity of common mesoporous materials as supports for aminosilica catalysts for the aldol reaction and condensation. 2023 , 650, 118997		0
4	Well-Defined Single and Bundled Rutile Nanorods in Mesoporous Silica for Efficient Hydrogen Evolution Photocatalysis. 2022 , 5, 18004-18013		0
3	Drying of Hierarchically Organized Porous Silica Monoliths: Comparison of Evaporative and Supercritical Drying. 2023 , 9, 71		0
2	Silica-Based Nanomaterials for Diabetes Mellitus Treatment. 2023 , 10, 40		0
1	Revealing the effects of high Al loading incorporation in the SBA-15 silica mesoporous material.		0