

Further Insight into the Definite Morphology and Form Silica KCC-1

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Oxygen vacancy-rich mesoporous silica KCC-1 for CO ₂ methanation. <i>Applied Catalysis A: General</i> , 2017, 532, 86-94.	2.2	134
3	Tunable Synthesis of Mesoporous Silica Particles with Unique Radially Oriented Pore Structures from Tetramethyl Orthosilicate via Oil-in-Water Emulsion Process. <i>Langmuir</i> , 2017, 33, 783-790.	1.6	33
4	n-Heptane isomerization over molybdenum supported on bicontinuous concentric lamellar silica KCC-1: Influence of phosphorus and optimization using response surface methodology (RSM). <i>Chemical Engineering Journal</i> , 2017, 314, 650-659.	6.6	59
5	Dendritic Fibrous Nanosilica for Catalysis, Energy Harvesting, Carbon Dioxide Mitigation, Drug Delivery, and Sensing. <i>ChemSusChem</i> , 2017, 10, 3866-3913.	3.6	197
6	Unraveling the Formation Mechanism of Dendritic Fibrous Nanosilica. <i>Langmuir</i> , 2017, 33, 13774-13782.	1.6	59
7	A dual-signals response electrochemiluminescence immunosensor based on PTC-DEPA/KCC-1 NCs for detection of procalcitonin. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 525-532.	4.0	20
8	Core/shell structured sSiO ₂ /mSiO ₂ composite particles: The effect of the core size on oxide chemical mechanical polishing. <i>Advanced Powder Technology</i> , 2018, 29, 18-26.	2.0	10
9	In Situ Approach to Dendritic Fibrous Nitrogen-Doped Carbon Nanospheres Functionalized by Brønsted Acidic Ionic Liquid and Their Excellent Esterification Catalytic Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15114-15126.	3.2	17
10	Improving the size uniformity of dendritic fibrous nano-silica by a facile one-pot rotating hydrothermal approach. <i>RSC Advances</i> , 2019, 9, 24783-24790.	1.7	28
11	Determination of proline in human plasma samples using the encapsulation of proline dehydrogenase enzyme in dendritic silica: a new platform for the enzymatic biosensing of amino acids. <i>Analytical Methods</i> , 2019, 11, 4609-4619.	1.3	6
12	30.1: Invited Paper: Novel Emissive Projection Screen for Advanced Display Applications. <i>Digest of Technical Papers SID International Symposium</i> , 2019, 50, 322-325.	0.1	0
13	Densification Mechanism and Microstructure Evolution of Ti ₄₈ Al ₂ Cr ₈ Nb Alloy by Spark Plasma Sintering. <i>Crystal Research and Technology</i> , 2019, 54, 1900107.	0.6	2
14	Dendritic fibrous nano-particles (DFNPs): rising stars of mesoporous materials. <i>Journal of Materials Chemistry A</i> , 2019, 7, 5111-5152.	5.2	103
15	Formation Mechanism of Silica Particles with Dendritic Structure. <i>ChemistrySelect</i> , 2019, 4, 6656-6661.	0.7	7
16	Fabrication of hollow cubic silica nanoframes with a fibrous morphology. <i>Materials Letters</i> , 2019, 252, 31-34.	1.3	2
17	Platinum-promoted fibrous silica Y zeolite with enhanced mass transfer as a highly selective catalyst for n-dodecane hydroisomerization. <i>International Journal of Energy Research</i> , 2019, 43, 4201-4216.	2.2	14
18	Effective removal of Pb(II) by low-cost fibrous silica KCC-1 synthesized from silica-rich rice husk ash. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 75, 262-270.	2.9	39
19	TiO ₂ Nanoparticles Supported on Hierarchical Meso/Macroporous SiO ₂ Spheres for Photocatalytic Applications. , 2019, , .		4

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20	Catalytic dehydrogenation of formic acid over palladium nanoparticles immobilized on fibrous mesoporous silica KCC-1. <i>Chinese Journal of Catalysis</i> , 2019, 40, 1704-1712.	6.9	30
21	Tailored mesoporosity and acidity of shape-selective fibrous silica beta zeolite for enhanced toluene co-reaction with methanol. <i>Chemical Engineering Science</i> , 2019, 193, 217-229.	1.9	54
22	Dry reforming of methane to hydrogen-rich syngas over robust fibrous KCC-1 stabilized nickel catalyst with high activity and coke resistance. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 18549-18561.	3.8	51
23	Enhanced n-hexane hydroisomerization over bicontinuous lamellar silica mordenite supported platinum (Pt/HM@KCC-1) catalyst. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 18587-18599.	3.8	15
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25	Dendritic Mesoporous Ni/KCC-1 for Partial Oxidation of Methane to Syngas. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 808, 012006.	0.3	5
26	Biomedical applications of dendritic fibrous nanosilica (DFNS): recent progress and challenges. <i>RSC Advances</i> , 2020, 10, 37116-37133.	1.7	28
27	Tailoring conductive networks within hollow carbon nanospheres to host phosphorus for advanced sodium ion batteries. <i>Nano Energy</i> , 2020, 70, 104569.	8.2	29
28	Catalytic activity of Co(II) Salen@KCC-1 on the synthesis of 2,4,5-triphenyl-1H-imidazoles and benzimidazoles. <i>Inorganic Chemistry Communication</i> , 2020, 119, 108137.	1.8	5
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32	Nanofluidic behavior of diatomic molecules in bicontinuous concentric lamellar (bcl) silica formed by polysiloxane sol-gel phase segregation as a reference in the mass transport through the open channel system. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 1359-1369.	0.6	2
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34	A highly competitive system for CO methanation over an active metal-free fibrous silica mordenite via in-situ ESR and FTIR studies. <i>Energy Conversion and Management</i> , 2020, 211, 112754.	4.4	21
35	Comprehensive understanding of the synthesis and formation mechanism of dendritic mesoporous silica nanospheres. <i>Nanoscale Advances</i> , 2020, 2, 1792-1810.	2.2	47
36	Development of nanosilica-based catalyst for syngas production via CO ₂ reforming of CH ₄ : A review. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 24687-24708.	3.8	29
37	Contemporary trends in composite Ni-based catalysts for CO ₂ reforming of methane. <i>Chemical Engineering Science</i> , 2021, 229, 116072.	1.9	99

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39	Constructing Ni-based confinement catalysts with advanced performances toward the CO ₂ reforming of CH ₄ : state-of-the-art review and perspectives. Catalysis Science and Technology, 2021, 11, 6344-6368.	2.1	9
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57	Role of urea on the structural, textural, and optical properties of macroemulsion-assisted synthesized holey ZnO nanosheets for photocatalytic applications. <i>New Journal of Chemistry</i> , 2022, 46, 9897-9908.	1.4	4
58	Preparation of surface-decorated mesoporous dendritic fibrous nanosilica/TiO ₂ for use in phenol degradation. <i>Applied Surface Science</i> , 2022, 603, 154414.	3.1	9
59	Tuning of surface structure of porous glass-supported titania with fibrous silica for efficient coupling adsorption-catalysis-resorption desulfurization scheme. <i>Surfaces and Interfaces</i> , 2022, 33, 102264.	1.5	1
60	Ultrasonic-assisted d-μ-SPE based on amine-functionalized KCC-1 for trace detection of lead and cadmium ion by GFAAS. <i>Microchemical Journal</i> , 2022, 183, 107951.	2.3	11
61	Leak-free and shape-stabilized phase change composites with radial spherical SiO ₂ scaffolds for thermal management. <i>New Journal of Chemistry</i> , 2022, 46, 19178-19187.	1.4	6
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64	Rice husk waste into various template-engineered mesoporous silica materials for different applications: A comprehensive review on recent developments. <i>Chemosphere</i> , 2023, 310, 136843.	4.2	17
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