

Richard Kohns

List of Publications by Year in descending order

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16
papers

308
citations

933447

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940533

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17
docs citations

17
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Silica monoliths with hierarchical porosity obtained from porous glasses. <i>Chemical Society Reviews</i> , 2013, 42, 3753-3764.	38.1	84
2	Sol-Gel and Porous Glass-Based Silica Monoliths with Hierarchical Pore Structure for Solid-Liquid Catalysis. <i>Chemie-Ingenieur-Technik</i> , 2016, 88, 1561-1585.	0.8	56
3	High-performance monoliths in heterogeneous catalysis with single-phase liquid flow. <i>Reaction Chemistry and Engineering</i> , 2017, 2, 498-511.	3.7	37
4	Transformation of porous glasses into MCM-41 containing geometric bodies. <i>Microporous and Mesoporous Materials</i> , 2013, 182, 136-146.	4.4	20
5	Synthesis of MCM-48 granules with bimodal pore systems via pseudomorphic transformation of porous glass. <i>Microporous and Mesoporous Materials</i> , 2018, 257, 185-192.	4.4	17
6	Hierarchical silica monoliths with submicron macropores as continuous-flow microreactors for reaction kinetic and mechanistic studies in heterogeneous catalysis. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 353-364.	3.7	14
7	A novel approach for advanced thermoporometry characterization of mesoporous solids: Transition kernels and the serially connected pore model. <i>Microporous and Mesoporous Materials</i> , 2020, 309, 110534.	4.4	13
8	Scanner-Based Capillary Stamping. <i>Advanced Functional Materials</i> , 2020, 30, 2001531.	14.9	13
9	Particle size control of monodispersed spherical nanoparticles with MCM-48-type mesostructure via novel rapid synthesis procedure. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	11
10	Effect of Al ₂ O ₃ on phase separation and microstructure of R ₂ O-B ₂ O ₃ -Al ₂ O ₃ -SiO ₂ glass system (R=Li, Tj ETQq0,0 0 rgBT /Overlock 1	3.1	11
11	Selective functionalization of the outer surface of MCM-48-type mesoporous silica nanoparticles at room temperature. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	11
12	Preparation of Porous, Hierarchically Organized Glass Monoliths via Combination of Sintering and Phase Separation. <i>Journal of the American Ceramic Society</i> , 2012, 95, 461-465.	3.8	10
13	Influence of Pore Space Hierarchy on the Efficiency of an Acetylcholinesterase-Based Support for Biosensors. <i>Advanced Materials Interfaces</i> , 2021, 8, 2000163.	3.7	4
14	In situ synthesis and characterization of sulfonic acid functionalized hierarchical silica monoliths. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 96, 67-82.	2.4	3
15	Mass Transfer in Hierarchical Silica Monoliths Loaded With Pt in the Continuous-Flow Liquid-Phase Hydrogenation of p-Nitrophenol. <i>Frontiers in Chemical Engineering</i> , 2021, 3, .	2.7	3
16	Multi-technique structural characterization of glass foams with complex pore structures obtained through phase separation. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4615-4625.	5.9	1