Richard Kohns

List of Publications by Year
in descending order

16	308	933447 10	940533 16
papers	citations	h-index	g-index

17	17	17	425
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of Pore Space Hierarchy on the Efficiency of an Acetylcholinesteraseâ€Based Support for Biosensorics. Advanced Materials Interfaces, 2021, 8, 2000163.	3.7	4
2	Multi-technique structural characterization of glass foams with complex pore structures obtained through phase separation. Materials Chemistry Frontiers, 2021, 5, 4615-4625.	5.9	1
3	Mass Transfer in Hierarchical Silica Monoliths Loaded With Pt in the Continuous-Flow Liquid-Phase Hydrogenation of p-Nitrophenol. Frontiers in Chemical Engineering, 2021, 3, .	2.7	3
4	Effect of Al2O3 on phase separation and microstructure of R2O-B2O3-Al2O3-SiO2 glass system (RÂ=ÂLi,) Tj ETQq0 0 0 rgBT /Overlock 1	3.1	11
5	In situ synthesis and characterization of sulfonic acid functionalized hierarchical silica monoliths. Journal of Sol-Gel Science and Technology, 2020, 96, 67-82.	2.4	3
6	A novel approach for advanced thermoporometry characterization of mesoporous solids: Transition kernels and the serially connected pore model. Microporous and Mesoporous Materials, 2020, 309, 110534.	4.4	13
7	Selective functionalization of the outer surface of MCM-48-type mesoporous silica nanoparticles at room temperature. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	11
8	Scannerâ€Based Capillary Stamping. Advanced Functional Materials, 2020, 30, 2001531.	14.9	13
9	Particle size control of monodispersed spherical nanoparticles with MCM-48-type mesostructure via novel rapid synthesis procedure. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	11
10	Hierarchical silica monoliths with submicron macropores as continuous-flow microreactors for reaction kinetic and mechanistic studies in heterogeneous catalysis. Reaction Chemistry and Engineering, 2018, 3, 353-364.	3.7	14
11	Synthesis of MCM-48 granules with bimodal pore systems via pseudomorphic transformation of porous glass. Microporous and Mesoporous Materials, 2018, 257, 185-192.	4.4	17
12	High-performance monoliths in heterogeneous catalysis with single-phase liquid flow. Reaction Chemistry and Engineering, 2017, 2, 498-511.	3.7	37
13	Solâ€Gel and Porous Glassâ€Based Silica Monoliths with Hierarchical Pore Structure for Solidâ€Liquid Catalysis. Chemie-Ingenieur-Technik, 2016, 88, 1561-1585.	0.8	56
14	Transformation of porous glasses into MCM-41 containing geometric bodies. Microporous and Mesoporous Materials, 2013, 182, 136-146.	4.4	20
15	Silica monoliths with hierarchical porosity obtained from porous glasses. Chemical Society Reviews, 2013, 42, 3753-3764.	38.1	84
16	Preparation of Porous, Hierarchically Organized Glass Monoliths via Combination of Sintering and Phase Separation. Journal of the American Ceramic Society, 2012, 95, 461-465.	3.8	10