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List of Publications by Year in descending order

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28
papers

1,498
citations

304743

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477307

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docs citations

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times ranked

2290
citing authors

#	ARTICLE	IF	CITATIONS
1	Core-shell particles: Preparation, fundamentals and applications in high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1357, 36-52.	3.7	375
2	Silica SOS@HKUST-1 composite microspheres as easily packed stationary phases for fast separation. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3276.	10.3	140
3	Preparation of Ice-Templated MOF-Polymer Composite Monoliths and Their Application for Wastewater Treatment with High Capacity and Easy Recycling. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 33979-33988.	8.0	81
4	Tuning Morphology of Nanostructured ZIF-8 on Silica Microspheres and Applications in Liquid Chromatography and Dye Degradation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18054-18063.	8.0	78
5	Macroporous metal-organic framework microparticles with improved liquid phase separation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9085-9090.	10.3	77
6	Frozen polymerization for aligned porous structures with enhanced mechanical stability, conductivity, and as stationary phase for HPLC. <i>Journal of Materials Chemistry</i> , 2012, 22, 11615.	6.7	70
7	Systematic tuning of pore morphologies and pore volumes in macroporous materials by freezing. <i>Journal of Materials Chemistry</i> , 2009, 19, 5212.	6.7	65
8	Hierarchical porous metal-organic framework monoliths. <i>Chemical Communications</i> , 2014, 50, 14314-14316.	4.1	60
9	One-Pot Synthesis of Spheres-on-Sphere Silica Particles from a Single Precursor for Fast HPLC with Low Back Pressure. <i>Advanced Materials</i> , 2012, 24, 6042-6048.	21.0	52
10	Cu _i Cu _{ii} BTC, a microporous mixed-valence MOF via reduction of HKUST-1. <i>RSC Advances</i> , 2016, 6, 8902-8905.	3.6	44
11	Synthesis of Uniform Porous Silica Microspheres with Hydrophilic Polymer as Stabilizing Agent. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 602-608.	3.7	43
12	Dual-tuned drug release by nanofibrous scaffolds of chitosan and mesoporous silica microspheres. <i>Journal of Materials Chemistry</i> , 2012, 22, 25027.	6.7	38
13	Freeze-Align and Heat-Fuse: Microwires and Networks from Nanoparticle Suspensions. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4573-4576.	13.8	37
14	Aligned macroporous monoliths with intrinsic microporosity via a frozen-solvent-templating approach. <i>Chemical Communications</i> , 2015, 51, 1717-1720.	4.1	34
15	Core-shell microspheres with porous nanostructured shells for liquid chromatography. <i>Journal of Separation Science</i> , 2018, 41, 99-124.	2.5	34
16	Confined Volume Effect on the Thermal Properties of Encapsulated Phase Change Materials for Thermal Energy Storage. <i>Chemistry - A European Journal</i> , 2016, 22, 4389-4394.	3.3	33
17	Hierarchically porous silica monoliths with tuneable morphology, porosity, and mechanical stability. <i>Journal of Materials Chemistry</i> , 2011, 21, 5753.	6.7	30
18	Investigation on synthesis of spheres-on-sphere silica particles and their assessment for high performance liquid chromatography applications. <i>Journal of Chromatography A</i> , 2012, 1270, 194-203.	3.7	30

#	ARTICLE	IF	CITATIONS
19	Gradient porous materials by emulsion centrifugation. <i>Chemical Communications</i> , 2011, 47, 11754.	4.1	26
20	Carbon nanofibers by pyrolysis of self-assembled perylene diimide derivative gels as supercapacitor electrode materials. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15513-15522.	10.3	26
21	Surface etching of HKUST-1 promoted via supramolecular interactions for chromatography. <i>Journal of Materials Chemistry A</i> , 2014, 2, 13479-13485.	10.3	25
22	Formation of organic nanoparticles by solvent evaporation within porous polymeric materials. <i>Chemical Communications</i> , 2011, 47, 10001.	4.1	24
23	Synthesis of Nanospheres-on-Microsphere Silica with Tunable Shell Morphology and Mesoporosity for Improved HPLC. <i>Langmuir</i> , 2014, 30, 12190-12199.	3.5	19
24	Preparation of aligned porous silica monolithic capillary columns and their evaluation for HPLC. <i>Analytical Methods</i> , 2012, 4, 3942.	2.7	16
25	Nanofibrous microspheres via emulsion gelation and carbonization. <i>Chemical Communications</i> , 2015, 51, 16864-16867.	4.1	14
26	Porous silica spheres in macroporous structures and on nanofibres. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 4351-4370.	3.4	12
27	Patterned substrates fabricated by a controlled freezing approach and biocompatibility evaluation by stem cells. <i>Materials Science and Engineering C</i> , 2015, 49, 390-399.	7.3	12
28	Silica Microspheres-in-Pores Composite Monoliths with Fluorescence and Potential for Water Remediation. <i>Nanomaterials</i> , 2021, 11, 2681.	4.1	1