

Zhiqiang Cai

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Performance and selectivity of amphiphilic pillar[5]arene as stationary phase for capillary gas chromatography. <i>Journal of Chromatography A</i> , 2022, 1671, 463008.	3.7	18
2	Preparation and characterization of polyimide membranes modified by a task-specific ionic liquid based on Schiff base for CO ₂ /N ₂ separation. <i>Environmental Science and Pollution Research</i> , 2021, 28, 738-753.	5.3	11
3	A New Stationary Phase for Capillary Gas Chromatography: Calix[4]resorcinarene Functionalized with Imidazolium Cationic Units. <i>Chromatographia</i> , 2021, 84, 325-333.	1.3	8
4	The selectivity of a polydimethylsiloxane-based triblock copolymer as the stationary phase for capillary gas chromatography. <i>New Journal of Chemistry</i> , 2021, 45, 20459-20467.	2.8	14
5	Design, Synthesis and Biological Evaluation of Anti-tuberculosis Agents based on Bedaquiline Structure. <i>Medicinal Chemistry</i> , 2020, 16, 703-714.	1.5	4
6	Amphiphilic Star-Shaped Calix[4]resorcinarene as Stationary Phase for Capillary Gas Chromatography. <i>Chromatographia</i> , 2019, 82, 1697-1708.	1.3	10
7	Performance and selectivity of lower-rim substituted calix[4]arene as a stationary phase for capillary gas chromatography. <i>RSC Advances</i> , 2019, 9, 21207-21214.	3.6	1
8	Amphiphilic Block Copolymer PCL-PEG-PCL as Stationary Phase for Capillary Gas Chromatographic Separations. <i>Molecules</i> , 2019, 24, 3158.	3.8	13
9	Star-poly(μ -caprolactone) as the stationary phase for capillary gas chromatographic separation. <i>RSC Advances</i> , 2019, 9, 28783-28792.	3.6	5
10	Amphiphilic calix[4]arenes as a highly selective gas chromatographic stationary phase for aromatic amine isomers. <i>Journal of Chromatography A</i> , 2019, 1601, 310-318.	3.7	22
11	p-Nitro-tetradecyloxy-calix[4]arene as a highly selective stationary phase for gas chromatographic separations. <i>New Journal of Chemistry</i> , 2019, 43, 16960-16967.	2.8	5
12	Separation performance of <i>p</i> -tert-butyl(tetradecyloxy)calix[6]arene as a stationary phase for capillary gas chromatography. <i>RSC Advances</i> , 2019, 9, 38486-38495.	3.6	6
13	Performance of permethyl pillar[5]arene stationary phase for high-resolution gas chromatography. <i>Journal of Chromatography A</i> , 2017, 1496, 115-121.	3.7	22
14	One-Pot Palladium(II)-Catalyzed Synthesis of Fluorenones via Decarboxylative Cyclization. <i>Synlett</i> , 2016, 27, 395-398.	1.8	8