Bang-Jin Wang

List of Publications by Year
in descending order

24 papers	835 citations	516710 16 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	572 citing authors

#	Article	IF	Citations
1	Homochiral Porous Organic Cage with High Selectivity for the Separation of Racemates in Gas Chromatography. Analytical Chemistry, 2015, 87, 7817-7824.	6.5	121
2	Chiral Metalâ€“Organic Framework <scp>d</scp>-His-ZIF-8@SiO₂ Coreâ€“Shell Microspheres Used for HPLC Enantioseparations. ACS Applied Materials & Interfaces, 2020, 12, 16903-16911.	8.0	88
3	Chromatographic study on the high performance separation ability of a homochiral [Cu2(d-Cam)2(4,4â€²-bpy)]n based-column by using racemates and positional isomers as test probes. Journal of Chromatography A, 2014, 1325, 163-170.	3.7	63
4	Highly selective separation of enantiomers using a chiral porous organic cage. Journal of Chromatography A, 2015, 1426, 174-182.	3.7	60
5	A chiral porous organic cage for molecular recognition using gas chromatography. Analytica Chimica Acta, 2016, 903, 156-163.	5.4	60
6	Homochiral metalâ€organic frameworks based on amino acid ligands for HPLC separation of enantiomers. Electrophoresis, 2017, 38, 2513-2520.	2.4	57
7	Chiral core-shell microspheres Î²-CD-COF@SiO2 used for HPLC enantioseparation. Talanta, 2021, 235, 122754.	5.5	42
8	Preparation of Novel Chiral Stationary Phases Based on the Chiral Porous Organic Cage by Thiol-ene Click Chemistry for Enantioseparation in HPLC. Analytical Chemistry, 2022, 94, 4961-4969.	6.5	42
9	Homochiral metal-organic framework for HPLC separation of enantiomers. Microchemical Journal, 2018, 139, 487-491.	4.5	39
10	Separation Performance of MOFs Zn(ISN)2Â·2H2O as Stationary Phase for High-Resolution GC. Chromatographia, 2013, 76, 831-836.	1.3	37
11	3D Chiral Nanoporous Metalâ€“Organic Framework for Chromatographic Separation in GC. Chromatographia, 2014, 77, 1359-1365.	1.3	35
12	A homochiral porous organic cage with large cavity and pore windows for the efficient gas chromatography separation of enantiomers and positional isomers. Journal of Separation Science, 2018, 41, 1385-1394.	2.5	32
13	Chiral covalent organic framework core-shell composite CTpBD@SiO2 used as stationary phase for HPLC enantioseparation. Mikrochimica Acta, 2021, 188, 292.	5.0	27
14	Chiral metal-organic framework [Co2(d-cam)2(TMDPy)]@SiO2 core-shell microspheres for HPLC separation. Microchemical Journal, 2021, 161, 105815.	4.5	19
15	A hydroxyl-functionalized homochiral porous organic cage for gas chromatographic separations. Mikrochimica Acta, 2020, 187, 269.	5.0	18
16	A chiral metalâ€organic framework coreâ€shell microspheres composite for highâ€performance liquid chromatography enantioseparation. Journal of Separation Science, 2021, 44, 3976-3985.	2.5	17
17	Application of Homochiral Alkylated Organic Cages as Chiral Stationary Phases for Molecular Separations by Capillary Gas Chromatography. Molecules, 2016, 21, 1466.	3.8	16
18	Enantiomeric Separation on a Homochiral Porous Organic Cage-Based Chiral Stationary Phase by Gas Chromatography. Chromatographia, 2020, 83, 703-713.	1.3	11

#	Article	IF	Citations
19	A chiral, porous, organic cageâ€based, enantioselective potentiometric sensor for 2â€aminobutanol. Chirality, 2017, 29, 172-177.	2.6	9
20	An Enantioselective Potentiometric Sensor for 2-Amino-1-Butanol Based on Chiral Porous Organic Cage CC3-R. Molecules, 2019, 24, 420.	3.8	9
21	Chiral polyaniline modified Metal-Organic framework Core-Shell composite MIL-101@c-PANI for HPLC enantioseparation. Microchemical Journal, 2021, 169, 106576.	4.5	9
22	Determination of Enantiomeric Excess by Solid-Phase Extraction Using a Chiral Metal-Organic Framework as Sorbent. Molecules, 2018, 23, 2802.	3.8	8
23	Homochiral Metalâ€"Organic Framework [Co(L)(bpe)2(H2O)2]Â·H2O Used for Separation of Racemates in High-Performance Liquid Chromatography. Journal of Chromatographic Science, 2021, 59, 355-360.	1.4	8
24	The molecular imprinting of magnetic nanoparticles with boric acid affinity for the selective recognition and isolation of glycoproteins. RSC Advances, 2021, 11, 25524-25529.	3.6	8