Charles Heath

List of Publications by Year
in descending order

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10 papers	155 citations	1307594 7 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	245 citing authors

#	Article	IF	Citations
1	Mechanistic Aspects of Polymeric Relative Permeability Modifier Adsorption onto Carbonate Rocks. Energy & Fuels, 2020, 34, 12065-12077.	5.1	8
2	Direct air capture (DAC) of CO₂ using polyethylenimine (PEI) â€œsnowâ€• a scalable strategy. Chemical Communications, 2020, 56, 7151-7154.	4.1	23
3	Polyethylenimine â€œSnowâ€• An Emerging Material for Efficient Carbon Removal. ACS Applied Materials & Interfaces, 2019, 11, 26770-26780.	8.0	11
4	Block Copolymer-Coated ATR-FTIR Spectroscopic Sensors for Monitoring Hydrocarbons in Aquatic Environments at High Temperature and Pressure. ACS Applied Polymer Materials, 2019, 1, 2149-2156.	4.4	4
5	Mid-infrared sensor for hydrocarbon monitoring: the influence of salinity, matrix and aging on hydrocarbonâ€“polymer partitioning. Analytical Methods, 2018, 10, 1516-1522.	2.7	9
6	CO₂ capture by amine infused hydrogels (AIHs). Journal of Materials Chemistry A, 2018, 6, 4829-4838.	10.3	41
7	Carbon capture with polyethylenimine hydrogel beads (PEI HBs). Journal of Materials Chemistry A, 2018, 6, 21468-21474.	10.3	37
8	Calixareneâ€“polymer hybrid film for selective detection of hydrocarbons in water. New Journal of Chemistry, 2017, 41, 6195-6202.	2.8	8
9	The Effect of Pressure and Temperature on Mid-Infrared Sensing of Dissolved Hydrocarbons in Water. Analytical Chemistry, 2017, 89, 13391-13397.	6.5	14
10	Calixarene-Poly(methyl methacrylate) composites for ATR-IR sensing of water dissolved aromatic compounds. , 2016, , .		0