Zhenchuang Xu

List of Publications by Year
in descending order

12 papers	198 citations	1307594 7 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	170 citing authors

#	Article	IF	Citations
1	Construction of Lewis Pairs for Optimal Enantioresolution via Recognition-Enabled â€œChromatographicâ€•¹⁹F NMR Spectroscopy. Analytical Chemistry, 2022, 94, 2023-2031.	6.5	15
2	Metalâ€Free Câ€“H Functionalization via Diaryliodonium Salts with a Chemically Robust Dummy Ligand. Angewandte Chemie - International Edition, 2022, 61, .	13.8	13
3	Recognition-Enabled Automated Analyte Identification via ¹⁹F NMR. Analytical Chemistry, 2022, 94, 8285-8292.	6.5	7
4	Dispersive 2D Triptycene-Based Crystalline Polymers: Influence of Regioisomerism on Crystallinity and Morphology. Jacs Au, 2022, 2, 1638-1650.	7.9	5
5	Tailoring Sensors and Solvents for Optimal Analysis of Complex Mixtures Via Discriminative ¹⁹F NMR Chemosensing. Analytical Chemistry, 2021, 93, 2968-2973.	6.5	24
6	Calix[4]trap: A Bioinspired Host Equipped with Dual Selection Mechanisms. Journal of the American Chemical Society, 2021, 143, 3162-3168.	13.7	5
7	Difluorocarbene-Mediated Cascade Cyclization: The Multifunctional Role of Ruppertâ€“Prakash Reagent. Organic Letters, 2021, 23, 3546-3551.	4.6	13
8	Synthesis and Characterization of Diastereoisomeric Polyesters Derived from Bisphenols Bearing Vicinal Trifluoromethyl Groups. Macromolecules, 2021, 54, 3716-3724.	4.8	2
9	Achieving efficient organic solar cells via synergistically doping active layers and interfaces by a conjugated macrocycle. Journal of Materials Chemistry A, 2021, 9, 25629-25640.	10.3	10
10	Molecular Sensors for NMR-Based Detection. Chemical Reviews, 2019, 119, 195-230.	47.7	82
11	Nonafluoro-tert-butoxylation of Diaryliodonium Salts. Organic Letters, 2019, 21, 5206-5210.	4.6	20
12	Metalâ€Free Câ€H Functionalization via Diaryliodonium Salts with a Chemically Robust Dummy Ligand. Angewandte Chemie, 0, , .	2.0	2