

# Zhenchuang Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2068118/publications.pdf>

Version: 2024-02-01

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