Constanze N Neumann

List of Publications by Year
in descending order

14 papers	3,985 citations	687363 13 h-index	888059 17 g-index
22 all docs	22 docs citations	22 times ranked	3410 citing authors

#	Article	IF	Citations
1	Introduction of Fluorine and Fluorineâ€Containing Functional Groups. Angewandte Chemie - International Edition, 2013, 52, 8214-8264.	13.8	2,160
2	A Fluoride-Derived Electrophilic Late-Stage Fluorination Reagent for PET Imaging. Science, 2011, 334, 639-642.	12.6	384
3	Concerted nucleophilic aromatic substitution with 19Fâ^' and 18Fâ^'. Nature, 2016, 534, 369-373.	27.8	225
4	Lateâ€Stage Fluorination: Fancy Novelty or Useful Tool?. Angewandte Chemie - International Edition, 2015, 54, 3216-3221.	13.8	219
5	Facile Câ€“F Bond Formation through a Concerted Nucleophilic Aromatic Substitution Mediated by the PhenoFluor Reagent. Accounts of Chemical Research, 2017, 50, 2822-2833.	15.6	90
6	Application of Palladium-Mediated 18F-Fluorination to PET Radiotracer Development: Overcoming Hurdles to Translation. PLoS ONE, 2013, 8, e59187.	2.5	87
7	¹⁸F-Deoxyfluorination of Phenols via Ru Ï€-Complexes. ACS Central Science, 2017, 3, 944-948.	11.3	74
8	Alkyl Aryl Ether Bond Formation with PhenoFluor. Angewandte Chemie - International Edition, 2015, 54, 5662-5665.	13.8	50
9	Metalâ€“Organic Framework-Derived Guerbet Catalyst Effectively Differentiates between Ethanol and Butanol. Journal of the American Chemical Society, 2019, 141, 17477-17481.	13.7	31
10	Selective Aromatic Câ€“H Hydroxylation Enabled by Î·⁶-Coordination to Iridium(III). Organometallics, 2015, 34, 4626-4631.	2.3	15
11	U can fluorinate unactivated bonds. Nature Chemistry, 2016, 8, 822-823.	13.6	10
12	Structural Evolution of MOF-Derived RuCo, A General Catalyst for the Guerbet Reaction. ACS Applied Materials & Interfaces, 2021, , .	8.0	7
13	MOF-Derived RuCo Catalyzes the Formation of a Plasticizer Alcohol from Renewable Precursors. ACS Catalysis, 2021, 11, 8521-8526.	11.2	4
14	Complexes of Platinum Group Metals with a Conformationally Locked Scorpionate in a Metalâ€“Organic Framework: An Unusually Close Apical Interaction of Palladium(II). Inorganic Chemistry, 2021, 60, 11764-11774.	4.0	0