

Nicholas D Ball

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,630
citations

840776

11
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfondiimidamides unlocked as new S(VI) hubs for synthesis and drug discovery. <i>CheM</i> , 2022, , .	11.7	0
2	Calcium Bistriflimide-Mediated Sulfur(VI)â€“Fluoride Exchange (SuFEx): Mechanistic Insights toward Instigating Catalysis. <i>Inorganic Chemistry</i> , 2022, 61, 9746-9755.	4.0	8
3	The Emerging Applications of Sulfur(VI) Fluorides in Catalysis. <i>ACS Catalysis</i> , 2021, 11, 6578-6589.	11.2	80
4	SuFEx Activation with Ca(NTf ₂) ₂ : A Unified Strategy to Access Sulfamides, Sulfamates, and Sulfonamides from S(VI) Fluorides. <i>Organic Letters</i> , 2020, 22, 4389-4394.	4.6	77
5	One-pot fluorosulfurylation of Grignard reagents using sulfuryl fluoride. <i>Chemical Communications</i> , 2019, 55, 14753-14756.	4.1	59
6	Sulfonamide Synthesis via Calcium Triflimide Activation of Sulfonyl Fluorides. <i>Organic Letters</i> , 2018, 20, 3943-3947.	4.6	77
7	Pd-Catalyzed Conversion of Aryl Iodides to Sulfonyl Fluorides Using SO ₂ Surrogate DABSO and Selectfluor. <i>Journal of Organic Chemistry</i> , 2017, 82, 2294-2299.	3.2	152
8	Câ€“H Bond Activation at Palladium(IV) Centers. <i>Journal of the American Chemical Society</i> , 2011, 133, 18022-18025.	13.7	127
9	Mechanistic and Computational Studies of Oxidatively-Induced Arylâ€“CF ₃ Bond-Formation at Pd: Rational Design of Room Temperature Aryl Trifluoromethylation. <i>Journal of the American Chemical Society</i> , 2011, 133, 7577-7584.	13.7	192
10	Arylâ€“CF ₃ Bond-Forming Reductive Elimination from Palladium(IV). <i>Journal of the American Chemical Society</i> , 2010, 132, 2878-2879.	13.7	290
11	Synthesis and reactivity of palladium(II) fluoride complexes containing nitrogen-donor ligands. <i>Dalton Transactions</i> , 2010, 39, 632-640.	3.3	48
12	Oxidation of a Cyclometalated Pd(II) Dimer with â€œCF ₃ ⁺ â€“ Formation and Reactivity of a Catalytically Competent Monomeric Pd(IV) Aquo Complex. <i>Journal of the American Chemical Society</i> , 2010, 132, 14682-14687.	13.7	225
13	Synthesis and Reactivity of a Mono-Ïƒ-Aryl Palladium(IV) Fluoride Complex. <i>Journal of the American Chemical Society</i> , 2009, 131, 3796-3797.	13.7	276