

# Nicholas D Ball

## List of Publications by Year in descending order

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