

Xiaodong Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	$\text{I}^{\text{Ox}}\text{-catalyzed synthesis of substituted imidazoles from vinyl azides and benzylamines. Chemical Communications, 2015, 51, 6598-6600.}$	4.1	58
2	$\text{Iodine-Mediated Domino Oxidative Cyclization: One-Pot Synthesis of 1,3,4-Oxadiazoles via Oxidative Cleavage of } \text{C}(\text{sp}^2)\text{-H or } \text{C}(\text{sp})\text{-H Bond. Journal of Organic Chemistry, 2016, 81, 6820-6825.}$	3.2	41
3	$\text{Metal-free synthesis of 3-methylthiofurans from homopropargylic alcohols and DMSO via a tandem sulfenylation/cyclization reaction in a one-pot manner. Organic Chemistry Frontiers, 2016, 3, 1746-1749.}$	4.5	39
4	$\text{A novel one-pot method for the synthesis of substituted furopyridines: iodine-mediated oxidation of enamines by tandem metal-free cyclization. Chemical Communications, 2015, 51, 2573-2576.}$	4.1	36
5	$\text{Isometric Thionated Naphthalene Diimides As Organic Cathodes for High Capacity Lithium Batteries. Chemistry of Materials, 2020, 32, 10575-10583.}$	6.7	26
6	$\text{Iodothiocyanation/Nitration of Allenes with Potassium Thiocyanate/Silver Nitrite and Iodine. Advanced Synthesis and Catalysis, 2016, 358, 3130-3134.}$	4.3	23
7	$\text{TBAI/K}_2\text{S}_2\text{O}_8\text{-Initiated Radical Cyclization to Synthesize } \text{C}^{\text{Ox}}\text{-Arylsulfonyl Naphthalenes from Homopropargylic Alcohols and Sulfonyl Hydrazides. Advanced Synthesis and Catalysis, 2017, 359, 3248-3253.}$	4.3	21
8	$\text{A method for accessing sulfanylfurans from homopropargylic alcohols and sulfonyl hydrazides. Organic and Biomolecular Chemistry, 2017, 15, 3571-3574.}$	2.8	20
9	$\text{Tuning the structure and magnetic properties via distinct pyridine derivatives in cobalt(II) coordination polymers. Dalton Transactions, 2022, 51, 695-704.}$	3.3	20
10	$\text{AIE-active 9,10-azaboraphenanthrene-containing viologens for reversible electrochromic and electrofluorochromic applications. Materials Chemistry Frontiers, 2021, 5, 4128-4137.}$	5.9	18
11	$\text{The Marriage of Carborane with Chalcogen Atoms: Nonconjugation, } \text{p}\text{-} \text{Conjugation, and Intramolecular Charge Transfer. Organic Letters, 2019, 21, 8285-8289.}$	4.6	14
12	$\text{Electron-accepting carborane viologen and iron based-supramolecular polymers for electrochromism and enhanced photocatalytic hydrogen evolution. Journal of Materials Chemistry C, 2020, 8, 16326-16332.}$	5.5	13
13	$\text{Thionated benzo[} \text{c} \text{]thiophen-1(3H)-one as an organic cathode with high capacity for sulfur-rich all organic lithium-ion batteries. Journal of Materials Chemistry A, 2021, 9, 14444-14450.}$	10.3	12
14	$\text{Synthesis of } \text{C}^{\text{Ox}}\text{-Arylpyridines via Palladium/Copper-Catalyzed Annulation of Allylamine/1,3-Propanediamine and Aldehydes. Advanced Synthesis and Catalysis, 2015, 357, 3732-3736.}$	4.3	10
15	$\text{Dithienoazaborine derivatives with selective } \text{p}\text{-} \text{conjugated extension via late-stage functionalization. Journal of Materials Chemistry C, 2021, 9, 4053-4061.}$	5.5	10
16	$\text{Halogenations of substituted 2-alkylquinoline with iodine and halide exchange with } \text{AgF}_2\text{. RSC Advances, 2016, 6, 111713-111717.}$	3.6	9
17	$\text{An Azido-Bridged Dysprosium Chain Complex Showing Zero-field Slow Magnetic Relaxation. Chemistry - an Asian Journal, 2021, 16, 3331-3335.}$	3.3	9
18	$\text{Efficient Photoinduced Electron Transfer from Pyrene-Carborane Heterojunction to Selenoviologen for Enhanced Photocatalytic Hydrogen Evolution and Reduction of Alkynes. Advanced Science, 2022, 9, 2101652.}$	11.2	8