

Xin-Heng Fan

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

243
citations

1163117

8
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-temperature Nickel-catalysed Suzuki-Miyaura Reactions of Aryl Sulfonates/Halides with Arylboronic Acids. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1467-1471.	2.4	61
2	Ni ^{II} -(<i>l</i> -Aryl) Complex Catalyzed Suzuki Reaction of Aryl Tosylates with Arylboronic Acids. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2457-2460.	2.4	49
3	Nickel-catalyzed cross-coupling of carboxylic anhydrides with arylboronic acids. <i>RSC Advances</i> , 2014, 4, 53885-53890.	3.6	31
4	Ni(II) source as a pre-catalyst for the cross-coupling of benzylic pivalates with arylboronic acids: facile access to tri- and diarylmethanes. <i>RSC Advances</i> , 2015, 5, 15338-15340.	3.6	22
5	A type non-fullerene acceptors based on the benzotriazole (BTA) unfused core for organic solar cells. <i>New Journal of Chemistry</i> , 2021, 45, 12802-12807.	2.8	12
6	In-situ pulse electropolymerization of pyrrole on single-walled carbon nanotubes for thermoelectric composite materials. <i>Chemical Engineering Journal</i> , 2022, 443, 136536.	12.7	12
7	Nickel-catalyzed N-arylation of benzophenone hydrazone with bromoarenes. <i>RSC Advances</i> , 2014, 4, 3364-3367.	3.6	11
8	An Easy Route to <i>N,N</i> -Diarylhydrazines by Cu-catalyzed Arylation of Pyridine-carbaldehyde Hydrazones with Aryl Halides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 862-867.	2.4	9
9	Full-Electrochemical Construction of High-Performance Polypyrrole/Tellurium Thermoelectrical Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 10815-10824.	8.0	9
10	Homo-Coupling of Terminal Alkynes Using a Simple, Cheap Ni(dppe)Cl ₂ /Ag ₂ O Catalyst System. <i>Synthetic Communications</i> , 2015, 45, 824-830.	2.1	7
11	Regioselectively switchable alkyne cyclotrimerization catalyzed by a Ni(II)/bidentate P-ligand/Zn system with ZnI ₂ as an additive. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2357-2367.	4.5	5
12	Fine-tuning Active Layer Morphology via Modification of Both Side Chains and Terminal Groups toward High-performance Organic Solar Cells. <i>Energy Technology</i> , 2022, 10, .	3.8	4
13	Terminal groups play an important role in enhancing the performance of organic solar cells based on non-fused electron acceptors. <i>New Journal of Chemistry</i> , 2022, 46, 10048-10054.	2.8	4
14	<i>t</i> -BuOK-catalysed alkylation of fluorene with alcohols: a highly green route to 9-monoalkylfluorene derivatives. <i>RSC Advances</i> , 2019, 9, 35913-35916.	3.6	3
15	Pseudo <i>in situ</i> construction of high-performance thermoelectric composites with a dioxothiopyrone-based A polymer coating on SWCNTs. <i>RSC Advances</i> , 2021, 11, 8664-8673.	3.6	2
16	Organic-inorganic hybrid perovskite for low-cost and high-performance xerographic photoreceptors. <i>RSC Advances</i> , 2021, 11, 21754-21759.	3.6	1
17	High performance achieved <i>via</i> core engineering and side-chain engineering in organic solar cells based on the penta-fused-ring acceptor. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7724-7730.	5.5	1
18	Nickel-catalyzed synthesis of 9-monoalkylated fluorenes from 9-fluorenone hydrazone and alcohols. <i>Synthetic Communications</i> , 0, , 1-8.	2.1	0