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Synthesis of diaryl thioethers from aryl halides and potassium thiocyanate

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Applied Organometallic Chemistry, 2014, 28, 879-883.

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#	Paper	IF	Citations
26	ChemInform Abstract: Synthesis of Diaryl Thioethers from Aryl Halides and Potassium Thiocyanate.. <i>ChemInform</i> , 2015 , 46, no-no		
25	Copper(I) catalyzed Sonogashira reactions promoted by monobenzyl nicotinium chloride, a N-donor quaternary ammonium salt. <i>RSC Advances</i> , 2015 , 5, 94369-94374	3.7	14
24	Selective synthesis of organic sulfides or disulfides by solvent exchange from aryl halides and KSCN catalyzed by NiCl ₂ ·6H ₂ O. <i>Journal of Organometallic Chemistry</i> , 2016 , 822, 112-117	2.3	11
23	Nicotine functionalized-silica palladium (II) complex: a highly efficient, environmentally benign and recyclable nanocatalyst for C-C bond forming reactions under mild conditions. <i>Applied Organometallic Chemistry</i> , 2016 , 30, 777-782	3.1	4
22	Recent advances in the chemistry of organic thiocyanates. <i>Chemical Society Reviews</i> , 2016 , 45, 494-505	58.5	166
21	Phase-vanishing method with gas evolution and its application to organic synthesis. <i>Tetrahedron Letters</i> , 2016 , 57, 672-675	2	5
20	Copper nanoparticles supported on polyaniline-functionalized multiwall carbon nanotubes: An efficient and recyclable catalyst for synthesis of unsymmetric sulfides using potassium ethyl xanthogenate in water. <i>Applied Organometallic Chemistry</i> , 2017 , 31, e3697	3.1	3
19	Nano cobalt ferrite catalyzed coupling reaction of nitroarene and alkyl halide: An odorless and ligand-free route to unsymmetrical thioether synthesis. <i>Catalysis Communications</i> , 2017 , 94, 33-37	3.2	23
18	Histidine-functionalized chitosan-Cu(II) complex: a novel and green heterogeneous nanocatalyst for two and three component C ₃ coupling reactions. <i>New Journal of Chemistry</i> , 2017 , 41, 7447-7452	3.6	9
17	Cu(II)-Et-S@MCM-41: A Green and Cost-Effective Catalytic System for S-arylation of Aryl Halides Using Thiourea and Benzyl Bromide. <i>ChemistrySelect</i> , 2017 , 2, 2388-2394	1.8	6
16	Copper-catalyzed C5-selective thio/selenocyanation of 8-aminoquinolines. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 130-134	5.2	43
15	Cobalt-catalyzed carbon-sulfur/selenium bond formation: synthesis of benzo[b]thio/selenophene-fused imidazo[1,2-a]pyridines. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 3721-3725	3.9	17
14	Nano CoCuFe ₂ O ₄ -catalyzed coupling reaction of arylboronic acid with amines and thiols: An atom-economic and ligand-free route to access unsymmetrical amines and sulfides. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4568	3.1	7
13	Photocatalytic difunctionalisations of alkenes with N-SCN sulfoximines. <i>Chemical Communications</i> , 2018 , 54, 5772-5775	5.8	36
12	I/CuCl-promoted one-pot three-component synthesis of aliphatic or aromatic substituted 1,2,3-thiadiazoles. <i>Chemical Communications</i> , 2019 , 55, 8134-8137	5.8	24
11	Copper nanoparticles supported on 2-methoxy-1-phenylethanone-functionalized MCM-41: An efficient and recyclable catalyst for one-pot three-component C ₃ coupling reaction of aryl halides with benzyl bromide and thiourea. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4853	3.1	5
10	Rapid and Chemodivergent Synthesis of N-Heterocyclic Sulfones and Sulfides: Mechanistic and Computational Details of the Persulfate-Initiated Catalysis. <i>ACS Catalysis</i> , 2019 , 9, 4015-4024	13.1	15

9	Expeditious Access to Spiro-Fused 2,5-Cyclohexadienones Thio(seleno)cyanative -Cyclization. <i>Journal of Organic Chemistry</i> , 2020 , 85, 15521-15531	4.2	10
8	Copper-Catalyzed Remote Direct Thiocyanation of Alkyl C(sp ³)H Bonds. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 3851-3856	5.6	9
7	Transition-metal mediated carbon-sulfur bond activation and transformations: an update. <i>Chemical Society Reviews</i> , 2020 ,	58.5	81
6	A review on the latest progress of C-S cross-coupling in diaryl sulfide synthesis: Update from 2012 to 2021. <i>Applied Organometallic Chemistry</i> , e6482	3.1	2
5	Organic/inorganic copper(I)-based ionic structures [cation] ⁺ [Cu _n Cl _{n+1}] ⁻ Efficient and versatile nanocatalysts for organic reactions. <i>Journal of Organometallic Chemistry</i> , 2022 , 962, 122271	2.3	
4	Photoinduced cascade cyclization of alkynes with NH ₄ SCN: access to SCN-containing dibenzazepines or dioxodibenzothiazepines. <i>Green Chemistry</i> ,	10	3
3	Elemental sulfur as the S ₈ source: visible-light-mediated four-component reactions leading to thiocyanates. <i>Organic Chemistry Frontiers</i> ,	5.2	2
2	Transition-Metal-Catalyzed C ₃ , C ₃ e, and C ₁₁ e Bond Formations via Cross-Coupling and Atom-Economic Addition Reactions. Achievements and Challenges.		6
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