

# Suvajit Koley

## List of Publications by Year in descending order

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33  
papers

1,047  
citations

516710

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414414

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#	ARTICLE	IF	CITATIONS
1	Recent Advances in Transition Metal-Catalyzed Functionalization of Gem-Difluoroalkenes. <i>Israel Journal of Chemistry</i> , 2020, 60, 313-339.	2.3	102
2	Connecting remote C-H bond functionalization and decarboxylative coupling using simple amines. <i>Nature Chemistry</i> , 2020, 12, 489-496.	13.6	41
3	Site-Specific Allylation of $\alpha$ -Enolic Dithioesters with Morita-Baylis-Hillman Acetates at Room Temperature: Precursor for Thiopyrans. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4091-4105.	4.3	14
4	Catalyst-Free One-Pot Access to Pyrazoles and Disulfide-Tethered Pyrazoles via Deamidative Heteroannulation of $\alpha$ -Ketodithioesters with Semicarbazide Hydrochloride in Water. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1780-1785.	4.3	7
5	2-Mercaptoquinoline Analogues: A Potent Antileishmanial Agent. <i>ChemistrySelect</i> , 2018, 3, 1688-1692.	1.5	7
6	Cross-Dehydrogenating Coupling of Aldehydes with Amines/R-OTBS Ethers by Visible-Light Photoredox Catalysis: Synthesis of Amides, Esters, and Ureas. <i>Organic Letters</i> , 2018, 20, 5861-5865.	4.6	59
7	Dithioester-enabled chemodivergent synthesis of acids, amides and isothiazoles via C-C bond cleavage and C-O/C-N/C-S bond formations under metal- and catalyst-free conditions. <i>Tetrahedron Letters</i> , 2017, 58, 2512-2516.	1.4	13
8	Chemo- and regio-selective synthesis of hexacyclic indeno-fused coumarins via domino Diels-Alder dimerization/Baeyer-Villiger oxidation. <i>Tetrahedron</i> , 2016, 72, 5903-5908.	1.9	7
9	Advances of azide-alkyne cycloaddition-click chemistry over the recent decade. <i>Tetrahedron</i> , 2016, 72, 5257-5283.	1.9	238
10	Switching Selectivity of $\alpha$ -Enolic Dithioesters: One Pot Access to Functionalized 1,2- and 1,3-Dithioles. <i>Journal of Organic Chemistry</i> , 2016, 81, 11594-11602.	3.2	19
11	Acid-Controlled Chemodivergent Synthesis of Three Differently Substituted Quinolines <i>via</i> Site Selective Coupling of <i>ortho</i> -Aminoaryl Ketones with $\alpha$ -Enolic Dithioesters. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1195-1201.	4.3	19
12	Progress in 1,3-dipolar cycloadditions in the recent decade: an update to strategic development towards the arsenal of organic synthesis. <i>Tetrahedron</i> , 2016, 72, 1603-1644.	1.9	155
13	Metal-free Brønsted acid mediated synthesis of fully substituted thiophenes via chemo- and regioselective intramolecular cyclization of $\alpha,\alpha$ -bis( $\alpha$ -oxodithioesters) at room temperature. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 434-439.	2.8	16
14	Metal-free aerobic one-pot synthesis of substituted/annulated quinolines from alcohols via indirect Friedländer annulation. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9570-9574.	2.8	38
15	Organoindium mediated C-S cross-coupling/migratory allenylation/thioannulation cascade: expedient synthesis of highly substituted thiophene frameworks. <i>Tetrahedron</i> , 2015, 71, 1844-1850.	1.9	11
16	Synthesis of 3-hydroxyindanones via potassium salt of amino acid catalyzed regioselective intramolecular aldolization of <i>ortho</i> -diacylbenzenes. <i>Tetrahedron Letters</i> , 2015, 56, 981-985.	1.4	13
17	Metal-Free Reagent Dependent Si $\chi$ S and C $\chi$ C Homocoupling of $\alpha$ -Enolic Dithioesters at Room Temperature: Direct Access to Fully Substituted Symmetrical Thiophenes <i>via</i> Chemoselective Paal-Knorr Approach. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 530-538.	4.3	22
18	Ligand- and Base-Free Cu <sup>II</sup> -Mediated Selective Arylation of $\alpha$ -Enolic Dithioesters by Chan-Lam Coupling at Room Temperature. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 409-416.	2.4	12

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19	Thionyl chloride mediated dehydroxylation of 3-hydroxyindanones to indenones. <i>Tetrahedron Letters</i> , 2015, 56, 4603-4606.	1.4	4
20	Iodine-Mediated Annulation of S-Allylated $\alpha$ -Enolic Dithioesters: Rapid Access to 2-Alkylidene-1,3-dithiolanes at Room Temperature. <i>Synthesis</i> , 2015, 47, 1510-1518.	2.3	7
21	Copper-catalyzed site-selective S-S and C-C homocoupling of $\alpha$ -enolic dithioesters: straightforward and efficient access to 1,2-dithiols. <i>Tetrahedron Letters</i> , 2015, 56, 2593-2596.	1.4	5
22	In/I <sub>2</sub> mediated functional group transformation: a direct approach toward the selective conversion of dithioester to ester. <i>Tetrahedron Letters</i> , 2015, 56, 5553-5556.	1.4	3
23	CuSO <sub>4</sub> ·xH <sub>2</sub> O-glucose, an inexpensive and eco-efficient catalytic system: direct access to diverse quinolines through modified FriedlÄnder approach involving S <sub>N</sub> Ar/reduction/annulation cascade in one pot. <i>RSC Advances</i> , 2015, 5, 7654-7660.	3.6	36
24	Lewis acid mediated three-component one-flask regioselective synthesis of densely functionalized 4-amino-1,2-dihydropyridines via cascade Knoevenagel/Michael/cyclization sequence. <i>Tetrahedron</i> , 2015, 71, 301-307.	1.9	14
25	Regioselective quadruple domino aldolization/aldol condensation/Michael/SNAr-cyclization: construction of hexacyclic indeno-fused C-nor-D-homo-steroid frameworks. <i>Tetrahedron</i> , 2014, 70, 2190-2194.	1.9	11
26	Indium(O) <sup>+</sup> -Mediated C-S/O Cross-Coupling Approach Towards the Regioselective Alkylation of $\alpha$ -Enolic Esters/Dithioesters: A Mechanistic Insight. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2964-2971.	2.4	17
27	Lewis acid promoted construction of chromen-4-one and isoflavone scaffolds via regio- and chemoselective domino Friedel-Crafts acylation/Allan-Robinson reaction. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9216-9222.	2.8	8
28	Regioselective Synthesis of Dihydrothiophene and Thiopyran Frameworks via Catalyst-Controlled Intramolecular C <sup>3</sup> /C <sup>1</sup> -S Fusion of $\alpha$ -Allyl- $\alpha$ -oxodithioesters. <i>Organic Letters</i> , 2014, 16, 5536-5539.	4.6	31
29	Iron-Promoted Domino Annulation of $\alpha$ -Enolic Dithioesters with Ninhydrin under Solvent-Free Conditions: Chemoselective Direct Access to Indeno[1,2-b]thiophenes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5501-5508.	2.4	12
30	Regioselective dehydrative intramolecular heteroannulation of $\alpha$ -allyl- $\alpha$ -hydroxy dithioesters: facile and straightforward entry to 2H-thiopyrans. <i>Tetrahedron</i> , 2014, 70, 914-918.	1.9	27
31	Y(OTf) <sub>3</sub> catalyzed substitution dependent oxidative C(sp <sup>3</sup> )-C(sp <sup>3</sup> ) cleavage and regioselective dehydration of $\alpha$ -allyl- $\alpha$ -hydroxydithioesters: alternate route to $\alpha,\beta$ -unsaturated ketones and functionalized dienes. <i>Tetrahedron</i> , 2013, 69, 8899-8903.	1.9	12
32	Palladium Catalyzed Oxidative Coupling of $\alpha$ -Enolic Dithioesters: A New Entry to 3,4,5-Trisubstituted 1,2-Dithioles via a Double Activation Strategy. <i>Organic Letters</i> , 2013, 15, 5386-5389.	4.6	34
33	Diversity oriented catalyst-free and solvent-free one-pot MCR at room temperature: rapid and regioselective convergent approach to highly functionalized dihydro-4H-thiopyrans. <i>Tetrahedron</i> , 2013, 69, 8013-8018.	1.9	31