Suvajit Koley

List of Publications by Year in descending order

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33 papers	1,047 citations	516710 16 h-index	414414 32 g-index
54 all docs	54 docs citations	54 times ranked	1404 citing authors

#	Article	IF	Citations
1	Advances of azide-alkyne cycloaddition-click chemistry over the recent decade. Tetrahedron, 2016, 72, 5257-5283.	1.9	238
2	Progress in 1,3-dipolar cycloadditions in the recent decade: an update to strategic development towards the arsenal of organic synthesis. Tetrahedron, 2016, 72, 1603-1644.	1.9	155
3	Recent Advances in Transition Metalâ€Catalyzed Functionalization of gemâ€Difluoroalkenes. Israel Journal of Chemistry, 2020, 60, 313-339.	2.3	102
4	Cross-Dehydrogenating Coupling of Aldehydes with Amines/R-OTBS Ethers by Visible-Light Photoredox Catalysis: Synthesis of Amides, Esters, and Ureas. Organic Letters, 2018, 20, 5861-5865.	4.6	59
5	Connecting remote Câ€“H bond functionalization and decarboxylative coupling using simple amines. Nature Chemistry, 2020, 12, 489-496.	13.6	41
6	Metal-free aerobic one-pot synthesis of substituted/annulated quinolines from alcohols via indirect FriedlÃnder annulation. Organic and Biomolecular Chemistry, 2015, 13, 9570-9574.	2.8	38
7	CuSO₄â€“<scp>d</scp>-glucose, an inexpensive and eco-efficient catalytic system: direct access to diverse quinolines through modified FriedlÃnder approach involving S_NAr/reduction/annulation cascade in one pot. RSC Advances, 2015, 5, 7654-7660.	3.6	36
8	Palladium Catalyzed Oxidative Coupling of Î±-Enolic Dithioesters: A New Entry to 3,4,5-Trisubstituted 1,2-Dithioles via a Double Activation Strategy. Organic Letters, 2013, 15, 5386-5389.	4.6	34
9	Diversity oriented catalyst-free and solvent-free one-pot MCR at room temperature: rapid and regioselective convergent approach to highly functionalized dihydro-4H-thiopyrans. Tetrahedron, 2013, 69, 8013-8018.	1.9	31
10	Regioselective Synthesis of Dihydrothiophene and Thiopyran Frameworks via Catalyst-Controlled Intramolecular C_{Î³}/C_{Î´}â€“S Fusion of Î±-Allyl-Î²â€²-oxodithioesters. Organic Letters, 2014, 16, 5536-5539.	4.6	31
11	Regioselective dehydrative intramolecular heteroannulation of Î²-allyl-Î²-hydroxy dithioesters: facile and straightforward entry toÂ2H-thiopyrans. Tetrahedron, 2014, 70, 914-918.	1.9	27
12	Metalâ€Free Reagent Dependent Sï£¿S and Cï£¿C Homocoupling of Î±â€Enolic Dithioesters at Room Temperature: Direct Access to Fully Substituted Symmetrical Thiophenes via Chemoselective Paalâ€“Knorr Approach. Advanced Synthesis and Catalysis, 2015, 357, 530-538.	4.3	22
13	Switching Selectivity of Î±-Enolic Dithioesters: One Pot Access to Functionalized 1,2- and 1,3-Dithioles. Journal of Organic Chemistry, 2016, 81, 11594-11602.	3.2	19
14	Acidâ€Controlled Chemodivergent Synthesis of Three Differently Substituted Quinolines via Site Selective Coupling of orthoâ€Aminoaryl Ketones with Î±â€Enolic Dithioesters. Advanced Synthesis and Catalysis, 2016, 358, 1195-1201.	4.3	19
15	Indium(0)â€Mediated Câ€“S/O Crossâ€Coupling Approach Towards the Regioselective Alkylation of Î±â€Enolic Esters/Dithioesters: A Mechanistic Insight. European Journal of Organic Chemistry, 2014, 2014, 2964-2971.	2.4	17
16	Metal-free BrÃ¸nsted acid mediated synthesis of fully substituted thiophenes via chemo- and regioselective intramolecular cyclization of Î±,Î±â€²-bis(Î²-oxodithioesters) at room temperature. Organic and Biomolecular Chemistry, 2016, 14, 434-439.	2.8	16
17	Lewis acid mediated three-component one-flask regioselective synthesis of densely functionalized 4-amino-1,2-dihydropyridines via cascade Knoevenagel/Michael/cyclization sequence. Tetrahedron, 2015, 71, 301-307.	1.9	14
18	Siteâ€Specific Sâ€Allylation of Î±â€Enolic Dithioesters with Moritaâ€Baylisâ€Hillman Acetates at Room Temperature: Precursor for Thiopyrans. Advanced Synthesis and Catalysis, 2019, 361, 4091-4105.	4.3	14

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19	Synthesis of 3-hydroxyindanones via potassium salt of amino acid catalyzed regioselective intramolecular aldolization of ortho-diacylbenzenes. Tetrahedron Letters, 2015, 56, 981-985.	1.4	13
20	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. Tetrahedron Letters, 2017, 58, 2512-2516.	1.4	13
21	Y(OTf)3 catalyzed substitution dependent oxidative C(sp3)â€“C(sp3) cleavage and regioselective dehydration of Î²-allyl-Î²-hydroxydithioesters: alternate route to Î±,Î²-unsaturated ketones and functionalized dienes. Tetrahedron, 2013, 69, 8899-8903.	1.9	12
22	Ironâ€Promoted Domino Annulation of Î±â€Enolic Dithioesters with Ninhydrin under Solventâ€Free Conditions: Chemoselective Direct Access to Indeno[1,2â€b]thiophenes. European Journal of Organic Chemistry, 2014, 2014, 5501-5508.	2.4	12
23	Ligandâ€and Baseâ€Free Cu^{II}â€Mediated Selective Sâ€Arylation of Î±â€Enolic Dithioesters by Chanâ€“Lam Coupling at Room Temperature. European Journal of Organic Chemistry, 2015, 2015, 409-416.	2.4	12
24	Regioselective quadruple domino aldolization/aldol condensation/Michael/SNAr-cyclization: construction of hexacyclic indeno-fused C-nor-D-homo-steroid frameworks. Tetrahedron, 2014, 70, 2190-2194.	1.9	11
25	Organoindium mediated Csp3â€“S cross-coupling/migratory allenylation/thioannulation cascade: expedient synthesis of highly substituted thiophene frameworks. Tetrahedron, 2015, 71, 1844-1850.	1.9	11
26	Lewis acid promoted construction of chromen-4-one and isoflavone scaffolds via regio- and chemoselective domino Friedelâ€“Crafts acylation/Allanâ€“Robinson reaction. Organic and Biomolecular Chemistry, 2014, 12, 9216-9222.	2.8	8
27	Iodine-Mediated Annulation of S-Allylated Î±-Enolic Dithioesters: Rapid Access to 2-Alkylidene-1,3-dithiolanes at Room Temperature. Synthesis, 2015, 47, 1510-1518.	2.3	7
28	Chemo- and regio-selective synthesis of hexacyclic indeno-fused coumarins via domino Dielsâ€“Alder dimerization/Baeyerâ€“Villiger oxidation. Tetrahedron, 2016, 72, 5903-5908.	1.9	7
29	Catalystâ€Free Oneâ€Pot Access to Pyrazoles and Disulfideâ€Tethered Pyrazoles via Deamidative Heteroannulation of Î²â€Ketodithioesters with Semicarbazide Hydrochloride in Water. Advanced Synthesis and Catalysis, 2018, 360, 1780-1785.	4.3	7
30	2â€Mercaptoquinoline Analogues: A Potent Antileishmanial Agent. ChemistrySelect, 2018, 3, 1688-1692.	1.5	7
31	Copper-catalyzed site-selective Sâ€“S and Câ€“C homocoupling of Î±-enolic dithioesters: straightforward and efficient access to 1,2-dithiols. Tetrahedron Letters, 2015, 56, 2593-2596.	1.4	5
32	Thionyl chloride mediated dehydroxylation of 3-hydroxyindanones to indenones. Tetrahedron Letters, 2015, 56, 4603-4606.	1.4	4
33	In/I2 mediated functional group transformation: a direct approach toward the selective conversion of dithioester to ester. Tetrahedron Letters, 2015, 56, 5553-5556.	1.4	3