

# Prakash Sekar

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Cobalt-Catalyzed Oxidative Annulation of Nitrogen-Containing Arenes with Alkynes: An Atom-Economical Route to Heterocyclic Quaternary Ammonium Salts. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1844-1848.	13.8	190
2	Cobalt-Catalyzed Annulation Reactions via C-H Bond Activation. <i>ChemCatChem</i> , 2018, 10, 683-705.	3.7	139
3	Easy Access to $\alpha$ -Amino and $\alpha$ -Carbon Substituted Isoquinolines via Cobalt-Catalyzed C-H/O Bond Activation. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 774-783.	4.3	114
4	Cobalt-Catalyzed Oxidative Annulation of Nitrogen-Containing Arenes with Alkynes: An Atom-Economical Route to Heterocyclic Quaternary Ammonium Salts. <i>Angewandte Chemie</i> , 2016, 128, 1876-1880.	2.0	54
5	Cobalt-Catalyzed Mild Ring-Opening Addition of Arenes C-H Bond to $\gamma$ -Oxabicyclic Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 513-518.	4.3	50
6	Rh-catalyzed oxidizing group-directed ortho C-H vinylation of arenes by vinylstannanes. <i>Chemical Communications</i> , 2015, 51, 13362-13364.	4.1	43
7	Rhodium(III)-Catalyzed in situ Oxidizing Directing Group-Assisted C-H Bond Activation and Olefination: A Route to $\alpha$ -Vinylanilines. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 761-766.	4.3	38
8	Gold(I)-Catalyzed Synthesis of 3-Sulphenyl Pyrroles and Indoles by a Regioselective Annulation of Alkynyl Thioethers. <i>ACS Catalysis</i> , 2021, 11, 6357-6362.	11.2	27
9	Exhaustive Reduction of Esters Enabled by Nickel Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 8109-8115.	13.7	23
10	Rhenium(I)-Catalyzed <i>ortho</i> -C-H Addition to Bicyclic Alkenes. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1664-1668.	3.3	22
11	Re <sup>I</sup> -Catalyzed highly regio- and stereoselective C-H addition to terminal and internal alkynes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 432-436.	4.5	15
12	Rhodium-Catalyzed Vinylation. <i>Synfacts</i> , 2015, 11, 1092-1092.	0.0	0
13	Isoquinolinium, Cinnolinium, and Quinolizinium Salts by Oxidative Annulation. <i>Synfacts</i> , 2016, 12, 0350-0350.	0.0	0