

# Krishnamoorthy Muralirajan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7535984/publications.pdf>

Version: 2024-02-01

22  
papers

1,906  
citations

393982

19  
h-index

676716

22  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1494  
citing authors

#	ARTICLE	IF	CITATIONS
1	Excited-state palladium-catalysed reductive alkylation of imines: scope and mechanism. <i>Chemical Science</i> , 2022, 13, 8583-8589.	3.7	10
2	Unactivated Alkyl Chloride Reactivity in Excited-State Palladium Catalysis. <i>Organic Letters</i> , 2021, 23, 6905-6910.	2.4	39
3	Exploring the Structure and Performance of Cd <sup>II</sup> Chalcogenide Photocatalysts in Selective Trifluoromethylation. <i>ACS Catalysis</i> , 2021, 11, 14772-14780.	5.5	24
4	Titelbild: Oxidative Addition to Palladium(0) Made Easy through Photoexcited-State Metal Catalysis: Experiment and Computation ( <i>Angew. Chem.</i> 11/2019). <i>Angewandte Chemie</i> , 2019, 131, 3263-3263.	1.6	0
5	Visible Light-Induced Excited-State Transition-Metal Catalysis. <i>Trends in Chemistry</i> , 2019, 1, 510-523.	4.4	140
6	Oxidative Addition to Palladium(0) Made Easy through Photoexcited-State Metal Catalysis: Experiment and Computation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3412-3416.	7.2	103
7	Oxidative Addition to Palladium(0) Made Easy through Photoexcited-State Metal Catalysis: Experiment and Computation. <i>Angewandte Chemie</i> , 2019, 131, 3450-3454.	1.6	24
8	Dehydrogenative Aromatization and Sulfonylation of Pyrrolidines: Orthogonal Reactivity in Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14787-14791.	7.2	59
9	Dehydrogenative Aromatization and Sulfonylation of Pyrrolidines: Orthogonal Reactivity in Photoredox Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 15003-15007.	1.6	6
10	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.	2.1	50
11	A simple route to 1,4-addition reactions by Co-catalyzed reductive coupling of organic tosylates and triflates with activated alkenes. <i>Chemical Communications</i> , 2017, 53, 11584-11587.	2.2	13
12	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.	1.6	54
13	Easy Access to $\beta$ -Amino and $\beta$ -Carbon Substituted Isoquinolines <i>via</i> Cobalt-Catalyzed C-H/Ni-O Bond Activation. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 774-783.	2.1	114
14	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.	7.2	190
15	Cobalt(III)-Catalyzed [5 + 1] Annulation for 2-H-Chromenes Synthesis via Vinylic C-H Activation and Intramolecular Nucleophilic Addition. <i>ACS Catalysis</i> , 2016, 6, 3909-3913.	5.5	122
16	Rh-catalyzed oxidizing group-directed ortho C-H vinylation of arenes by vinylstannanes. <i>Chemical Communications</i> , 2015, 51, 13362-13364.	2.2	43
17	Rhodium(III)-Catalyzed in situ Oxidizing Directing Group-Assisted C-H Bond Activation and Olefination: A Route to $\beta$ -Vinylanilines. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 761-766.	2.1	38
18	Rhodium(III)-Catalyzed <i>ortho</i> -Arylation of Anilides with Aryl Halides. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 366-370.	2.1	43

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19	Regioselective Synthesis of Indoles via Rhodium-Catalyzed C-H Activation Directed by an In Situ Generated Redox-Neutral Group. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1571-1576.	2.1	99
20	Rhodium(III)-Catalyzed Synthesis of Cinnolinium Salts from Azobenzenes and Alkynes: Application to the Synthesis of Indoles and Cinnolines. <i>Chemistry - A European Journal</i> , 2013, 19, 6198-6202.	1.7	119
21	Ru(II)-Catalyzed Amidation of 2-Arylpyridines with Isocyanates via C-H Activation. <i>Organic Letters</i> , 2012, 14, 4262-4265.	2.4	127
22	Regioselective Synthesis of Indenols by Rhodium-Catalyzed C-H Activation and Carbocyclization of Aryl Ketones and Alkynes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4169-4172.	7.2	273