

Manmohan Kapur

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48
papers

1,304
citations

23
h-index

35
g-index

66
ext. papers

1,591
ext. citations

4.9
avg, IF

5.4
L-index

#	Paper	IF	Citations
48	Auxofuran, a novel metabolite that stimulates the growth of fly agaric, is produced by the mycorrhiza helper bacterium <i>Streptomyces</i> strain Ach 505. <i>Applied and Environmental Microbiology</i> , 2006 , <i>72</i> , 3550-7	4.8	134
47	Ruthenium-Catalyzed, Site-Selective C-H Allylation of Indoles with Allyl Alcohols as Coupling Partners. <i>Organic Letters</i> , 2016 , <i>18</i> , 1112-5	6.2	94
46	Amides as Weak Coordinating Groups in Proximal C-H Bond Activation. <i>European Journal of Organic Chemistry</i> , 2017 , <i>2017</i> , 5439-5459	3.2	82
45	Ruthenium-catalyzed heteroatom-directed regioselective C-H arylation of indoles using a removable tether. <i>Organic Letters</i> , 2015 , <i>17</i> , 1766-9	6.2	73
44	Palladium(II)-Catalyzed, Heteroatom-Directed, Regioselective C-H Nitration of Anilines Using Pyrimidine as a Removable Directing Group. <i>Organic Letters</i> , 2016 , <i>18</i> , 448-51	6.2	56
43	A new access to polyhydroxy piperidines of the azasugar class: synthesis and glycosidase inhibition studies. <i>Organic and Biomolecular Chemistry</i> , 2003 , <i>1</i> , 3321-6	3.9	52
42	Traceless Directing-Group Strategy in the Ru-Catalyzed, Formal [3 + 3] Annulation of Anilines with Allyl Alcohols: A One-Pot, Domino Approach for the Synthesis of Quinolines. <i>Organic Letters</i> , 2017 , <i>19</i> , 2494-2497	6.2	44
41	Design and development of a common synthetic strategy for a variety of 1-N-iminosugars. <i>Organic Letters</i> , 2002 , <i>4</i> , 3883-6	6.2	44
40	Palladium-Catalyzed, ortho-Selective C-H Halogenation of Benzyl Nitriles, Aryl Weinreb Amides, and Anilides. <i>Journal of Organic Chemistry</i> , 2017 , <i>82</i> , 1114-1126	4.2	42
39	Dehydrogenative Heck Reaction (Fujiwara-Moritani Reaction) of Unactivated Olefins with Simple Dihydropyrans under Aprotic Conditions. <i>Advanced Synthesis and Catalysis</i> , 2013 , <i>355</i> , 2185-2190	5.6	39
38	A general strategy towards the synthesis of 1-N-iminosugar type glycosidase inhibitors: demonstration by the synthesis of d- as well as l-glucose type iminosugars (isofagomines). <i>Tetrahedron Letters</i> , 2000 , <i>41</i> , 8821-8824	2	38
37	Transition-Metal-Catalyzed C-H Functionalization Reactions of Deficient Heterocycles. <i>Asian Journal of Organic Chemistry</i> , 2018 , <i>7</i> , 1217-1235	3	38
36	Transition-Metal-Catalyzed Site-Selective C-H Halogenation Reactions. <i>Asian Journal of Organic Chemistry</i> , 2018 , <i>7</i> , 1524-1541	3	37
35	Temperature induced morphological transitions from native to unfolded aggregated States of human serum albumin. <i>Journal of Physical Chemistry B</i> , 2014 , <i>118</i> , 7267-76	3.4	33
34	Catalyst-controlled positional-selectivity in C-H functionalizations. <i>Organic and Biomolecular Chemistry</i> , 2019 , <i>17</i> , 1007-1026	3.9	31
33	Heteroatom-guided, palladium-catalyzed regioselective C-H functionalization in the synthesis of 3-arylquinolines. <i>Organic Letters</i> , 2013 , <i>15</i> , 3310-3	6.2	31
32	Catalyst Control in Positional-Selective C-H Alkenylation of Isoxazoles and a Ruthenium-Mediated Assembly of Trisubstituted Pyrroles. <i>Organic Letters</i> , 2019 , <i>21</i> , 2134-2138	6.2	29

31	Fujiwara-Moritani Reaction of Weinreb Amides using a Ruthenium-Catalyzed C-H Functionalization Reaction. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1505-12	4.5	29
30	Palladium-catalyzed β -arylation of enones in the synthesis of 2-alkenylindoles and carbazoles. <i>Organic Letters</i> , 2015 , 17, 1324-7	6.2	28
29	Ruthenium-Catalyzed C-H Functionalization of Benzoic Acids with Allyl Alcohols: A Controlled Reactivity Switch between C-H Alkenylation and C-H Alkylation Pathways. <i>Organic Letters</i> , 2018 , 20, 4934-4937	6.2	28
28	Palladium-Catalyzed Aerobic Oxidative Coupling of Allylic Alcohols with Anilines in the Synthesis of Nitrogen Heterocycles. <i>Journal of Organic Chemistry</i> , 2018 , 83, 3941-3951	4.2	26
27	Palladium catalyzed, heteroatom-guided C-H functionalization in the synthesis of substituted isoquinolines and dihydroisoquinolines. <i>Chemical Communications</i> , 2014 , 50, 7322-5	5.8	25
26	One Substrate, Two Modes of C-H Functionalization: A Metal-Controlled Site-Selectivity Switch in C-H Arylation Reactions. <i>Organic Letters</i> , 2017 , 19, 262-265	6.2	24
25	Oxazolonyl-Assisted Ru(II)-Catalyzed C-H Functionalization Based on Carbene Migratory Insertion: A One-Pot Three-Component Cascade Cyclization. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 73-78	5.6	23
24	Product Control using Substrate Design: Ruthenium-Catalysed Oxidative C-H Olefinations of Cyclic Weinreb Amides. <i>Chemistry - A European Journal</i> , 2016 , 22, 16986-16990	4.8	22
23	Concise strategy to the core structure of the macrolide queenslandon. <i>Organic Letters</i> , 2006 , 8, 5833-6	6.2	19
22	Cobalt-Catalyzed C-H Nitration of Indoles by Employing a Removable Directing Group. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 861-870	4.5	18
21	Palladium-Catalyzed β -arylation of Silylenol Ethers in the Synthesis of Isoquinolines and Phenanthridines. <i>Organic Letters</i> , 2018 , 20, 441-444	6.2	17
20	Regioselectivity switch achieved in the palladium catalyzed β -arylation of enones by employing the modified Kuwajima-Urabe conditions. <i>Organic Letters</i> , 2012 , 14, 1808-11	6.2	17
19	Rhodium(III)-Catalyzed Directed C-H Dienylation of Anilides with Allenes Leads to Highly Conjugated Systems. <i>Organic Letters</i> , 2019 , 21, 3237-3241	6.2	14
18	Heteroatom-Guided, Palladium-Catalyzed, Site-Selective C-H Arylation of 4H-Chromenes: Diastereoselective Assembly of the Core Structure of Myristinin B through Dual C-H Functionalization. <i>Chemistry - A European Journal</i> , 2015 , 21, 9905-11	4.8	14
17	Transition metal-catalyzed C-H functionalizations of indoles. <i>New Journal of Chemistry</i> , 2021 , 45, 13692-13746	3.7	13
16	Palladium-catalyzed synthesis of 2-alkenyl-3-arylindoles via a dual β -arylation strategy: formal synthesis of the antilipemic drug fluvastatin. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 10995-1002	3.9	12
15	A Novel Approach to Both the Enantiomers of Potent Glycosidase Inhibitor Isofagomine via PET-Promoted Cyclization of 1-[Benzyl(trimethylsilyl-methyl)amino]-1,4,5-trideoxy-2,3-O-(1-methylethylidene)-threo-pent-4-ynitol. <i>Synthesis</i> , 2001 , 112, 1263	2.9	10
14	Unusual Reactivity of 4-Vinyl Isoxazoles in the Copper-Mediated Synthesis of Pyridines, Employing DMSO as a One-Carbon Surrogate. <i>Organic Letters</i> , 2020 , 22, 5855-5860	6.2	8

13	Oxazolonyl-Assisted Ru(II)-Catalyzed C-H Allylation with Allyl Alcohols and Synthesis of 4-Methyleneisochroman-1-ones. <i>Journal of Organic Chemistry</i> , 2019 , 84, 12881-12892	4.2	8
12	Total Synthesis of the Proposed Structure of Mycobactin J. <i>Organic Letters</i> , 2018 , 20, 6511-6515	6.2	7
11	Transition-Metal-Catalyzed C-H Bond Functionalization of Arenes/Heteroarenes via Tandem C-H Activation and Subsequent Carbene Migratory Insertion Strategy. <i>Chemical Record</i> , 2021 ,	6.6	6
10	Palladium-Mediated Remote Functionalization in α and β Arylations and Alkenylations of Unblocked Cyclic Enones. <i>Organic Letters</i> , 2019 , 21, 9071-9075	6.2	5
9	Stereoselective synthesis of protected 1,2-diols and 1,2,3-triols by a tandem hydroboration-coupling sequence. <i>Organic Letters</i> , 2006 , 8, 1629-32	6.2	5
8	Catalyst Control in Switching the Site Selectivity of C-H Olefinations of 1,2-Dihydroquinolines: An Approach to Positional-Selective Functionalization of Quinolines. <i>Chemistry - A European Journal</i> , 2020 , 26, 927-938	4.8	4
7	Palladium-catalyzed functionalizations of acidic and non-acidic C(sp)-H bonds - recent advances. <i>Chemical Communications</i> , 2021 , 57, 1693-1714	5.8	4
6	Ruthenium-Catalyzed Directed C(3) β Olefination of N-Acetyl-1,2-dihydroisoquinolines: A Method to Achieve C3-Olefinated Isoquinolines. <i>Synthesis</i> , 2019 , 51, 2515-2522	2.9	3
5	Ruthenium(II)- and Copper(II)-Mediated Synthesis of Trisubstituted Pyrroles from Isoxazoles and Acrylate Esters. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 1065-1069	3	3
4	Dioxazolones as masked ester surrogates in the Pd(ii)-catalyzed direct C-H arylation of 6,5-fused heterocycles. <i>Chemical Communications</i> , 2019 , 55, 11187-11190	5.8	3
3	Iridium(III)-Catalyzed C(3)-H Alkylation of Isoquinolines via Metal Carbene Migratory Insertion. <i>Organic Letters</i> , 2021 , 23, 8694-8698	6.2	3
2	Transition Metal-Mediated Functionalization of Isoxazoles: A Review. <i>Asian Journal of Organic Chemistry</i> ,	3	3
1	Ru(II)-Catalyzed, Cu(II)-mediated carbene migratory insertion in the synthesis of trisubstituted pyrroles from isoxazoles. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 3428-3433	3.9	3