Manmohan Kapur

List of Publications by Year in Descending Order

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	Iridium(III)-Catalyzed C(3)-H Alkylation of Isoquinolines via Metal Carbene Migratory Insertion. *Organic Letters*, **2021**, 23, 8694-8698	6.2	3
47	Transition-Metal-Catalyzed C-H Bond Functionalization of Arenes/Heteroarenes via Tandem C-H Activation and Subsequent Carbene Migratory Insertion Strategy. *Chemical Record*, **2021**,	6.6	6
46	Transition metal-catalyzed C–H functionalizations of indoles. *New Journal of Chemistry*, **2021**, 45, 13692-13746	3.6	13
45	Ru(II)-Catalyzed, Cu(II)-mediated carbene migratory insertion in the synthesis of trisubstituted pyrroles from isoxazoles. *Organic and Biomolecular Chemistry*, **2021**, 19, 3428-3433	3.9	3
44	Palladium-catalyzed functionalizations of acidic and non-acidic C(sp)-H bonds - recent advances. *Chemical Communications*, **2021**, 57, 1693-1714	5.8	4
43	Unusual Reactivity of 4-Vinyl Isoxazoles in the Copper-Mediated Synthesis of Pyridines, Employing DMSO as a One-Carbon Surrogate. *Organic Letters*, **2020**, 22, 5855-5860	6.2	8
42	Ruthenium(II)- and Copper(II)-Mediated Synthesis of Trisubstituted Pyrroles from Isoxazoles and Acrylate Esters. *Asian Journal of Organic Chemistry*, **2020**, 9, 1065-1069	3	3
41	Catalyst Control in Switching the Site Selectivity of C-H Olefinations of 1,2-Dihydroquinolines: An Approach to Positional-Selective Functionalization of Quinolines. *Chemistry - A European Journal*, **2020**, 26, 927-938	4.8	4
40	Catalyst-controlled positional-selectivity in C-H functionalizations. *Organic and Biomolecular Chemistry*, **2019**, 17, 1007-1026	3.9	31
39	Rhodium(III)-Catalyzed Directed C-H Dienylation of Anilides with Allenes Leads to Highly Conjugated Systems. *Organic Letters*, **2019**, 21, 3237-3241	6.2	14
38	Ruthenium-Catalyzed Directed C(3)–H Olefination of N-Acetyl-1,2-dihydroisoquinolines: A Method to Achieve C3-Olefinated Isoquinolines. *Synthesis*, **2019**, 51, 2515-2522	2.9	3
37	Catalyst Control in Positional-Selective C-H Alkenylation of Isoxazoles and a Ruthenium-Mediated Assembly of Trisubstituted Pyrroles. *Organic Letters*, **2019**, 21, 2134-2138	6.2	29
36	Dioxazolones as masked ester surrogates in the Pd(ii)-catalyzed direct C-H arylation of 6,5-fused heterocycles. *Chemical Communications*, **2019**, 55, 11187-11190	5.8	3
35	Oxazolinyl-Assisted Ru(II)-Catalyzed C-H Allylation with Allyl Alcohols and Synthesis of 4-Methyleneisochroman-1-ones. *Journal of Organic Chemistry*, **2019**, 84, 12881-12892	4.2	8
34	Palladium-Mediated Remote Functionalization in β and γ Arylations and Alkenylations of Unblocked Cyclic Enones. *Organic Letters*, **2019**, 21, 9071-9075	6.2	5
33	Oxazolinyl-Assisted Ru(II)-Catalyzed C–H Functionalization Based on Carbene Migratory Insertion: A One-Pot Three-Component Cascade Cyclization. *Advanced Synthesis and Catalysis*, **2019**, 361, 73-78	5.6	23
32	Cobalt-Catalyzed C-H Nitration of Indoles by Employing a Removable Directing Group. *Chemistry - an Asian Journal*, **2018**, 13, 861-870	4.5	18

31	Palladium-Catalyzed □Arylation of Silylenol Ethers in the Synthesis of Isoquinolines and Phenanthridines. *Organic Letters*, **2018**, 20, 441-444	6.2	17
30	Palladium-Catalyzed Aerobic Oxidative Coupling of Allylic Alcohols with Anilines in the Synthesis of Nitrogen Heterocycles. *Journal of Organic Chemistry*, **2018**, 83, 3941-3951	4.2	26
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. *Organic Letters*, **2018**, 20, 4934-4937	6.2	28
28	Transition-Metal-Catalyzed Site-Selective C□H Halogenation Reactions. *Asian Journal of Organic Chemistry*, **2018**, 7, 1524-1541	3	37
27	Total Synthesis of the Proposed Structure of Mycobactin J. *Organic Letters*, **2018**, 20, 6511-6515	6.2	7
26	Transition-Metal-Catalyzed C□H Functionalization Reactions of □Deficient Heterocycles. *Asian Journal of Organic Chemistry*, **2018**, 7, 1217-1235	3	38
25	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. *Organic Letters*, **2017**, 19, 2494-2497	6.2	44
24	One Substrate, Two Modes of C-H Functionalization: A Metal-Controlled Site-Selectivity Switch in C-H Arylation Reactions. *Organic Letters*, **2017**, 19, 262-265	6.2	24
23	Palladium-Catalyzed, ortho-Selective C-H Halogenation of Benzyl Nitriles, Aryl Weinreb Amides, and Anilides. *Journal of Organic Chemistry*, **2017**, 82, 1114-1126	4.2	42
22	Amides as Weak Coordinating Groups in Proximal C□H Bond Activation. *European Journal of Organic Chemistry*, **2017**, 2017, 5439-5459	3.2	82
21	Palladium(II)-Catalyzed, Heteroatom-Directed, Regioselective C-H Nitration of Anilines Using Pyrimidine as a Removable Directing Group. *Organic Letters*, **2016**, 18, 448-51	6.2	56
20	Ruthenium-Catalyzed, Site-Selective C-H Allylation of Indoles with Allyl Alcohols as Coupling Partners. *Organic Letters*, **2016**, 18, 1112-5	6.2	94
19	Product Control using Substrate Design: Ruthenium-Catalysed Oxidative C-H Olefinations of Cyclic Weinreb Amides. *Chemistry - A European Journal*, **2016**, 22, 16986-16990	4.8	22
18	Palladium-catalyzed □arylation of enones in the synthesis of 2-alkenylindoles and carbazoles. *Organic Letters*, **2015**, 17, 1324-7	6.2	28
17	Ruthenium-catalyzed heteroatom-directed regioselective C-H arylation of indoles using a removable tether. *Organic Letters*, **2015**, 17, 1766-9	6.2	73
16	Palladium-catalyzed synthesis of 2-alkenyl-3-arylindoles via a dual □arylation strategy: formal synthesis of the antilipemic drug fluvastatin. *Organic and Biomolecular Chemistry*, **2015**, 13, 10995-1002	3.9	12
15	Fujiwara-Moritani Reaction of Weinreb Amides using a Ruthenium-Catalyzed C-H Functionalization Reaction. *Chemistry - an Asian Journal*, **2015**, 10, 1505-12	4.5	29
14	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. *Chemistry - A European Journal*, **2015**, 21, 9905-11	4.8	14

13	Palladium catalyzed, heteroatom-guided C-H functionalization in the synthesis of substituted isoquinolines and dihydroisoquinolines. *Chemical Communications*, **2014**, 50, 7322-5	5.8	25
12	Temperature induced morphological transitions from native to unfolded aggregated States of human serum albumin. *Journal of Physical Chemistry B*, **2014**, 118, 7267-76	3.4	33
11	Dehydrogenative Heck Reaction (Fujiwara–Moritani Reaction) of Unactivated Olefins with Simple Dihydropyrans under Aprotic Conditions. *Advanced Synthesis and Catalysis*, **2013**, 355, 2185-2190	5.6	39
10	Heteroatom-guided, palladium-catalyzed regioselective C-H functionalization in the synthesis of 3-arylquinolines. *Organic Letters*, **2013**, 15, 3310-3	6.2	31
9	Regioselectivity switch achieved in the palladium catalyzed β-arylation of enones by employing the modified Kuwajima-Urabe conditions. *Organic Letters*, **2012**, 14, 1808-11	6.2	17
8	Auxofuran, a novel metabolite that stimulates the growth of fly agaric, is produced by the mycorrhiza helper bacterium Streptomyces strain AcH 505. *Applied and Environmental Microbiology*, **2006**, 72, 3550-7	4.8	134
7	Stereoselective synthesis of protected 1,2-diols and 1,2,3-triols by a tandem hydroboration-coupling sequence. *Organic Letters*, **2006**, 8, 1629-32	6.2	5
6	Concise strategy to the core structure of the macrolide queenslandon. *Organic Letters*, **2006**, 8, 5833-6	6.2	19
5	A new access to polyhydroxy piperidines of the azasugar class: synthesis and glycosidase inhibition studies. *Organic and Biomolecular Chemistry*, **2003**, 1, 3321-6	3.9	52
4	Design and development of a common synthetic strategy for a variety of 1-N-iminosugars. *Organic Letters*, **2002**, 4, 3883-6	6.2	44
3	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. *Synthesis*, **2001**, 112, 1263	2.9	10
2	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). *Tetrahedron Letters*, **2000**, 41, 8821-8824	2	38
1	Transition Metal-Mediated Functionalization of Isoxazoles: A Review. *Asian Journal of Organic Chemistry*,	3	3