

Neeraj Kumar Mishra

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100
papers

2,948
citations

33
h-index

51
g-index

125
ext. papers

3,375
ext. citations

4.5
avg, IF

5.16
L-index

#	Paper	IF	Citations
100	Recent Advances in Catalytic C(sp ²)-H Allylation Reactions. <i>ACS Catalysis</i> , 2017 , 7, 2821-2847	13.1	194
99	Cu-nanoparticle catalyzed O-arylation of phenols with aryl halides via Ullmann coupling. <i>Tetrahedron Letters</i> , 2007 , 48, 8883-8887	2	105
98	Direct C-H alkylation and indole formation of anilines with diazo compounds under rhodium catalysis. <i>Chemical Communications</i> , 2015 , 51, 17229-32	5.8	97
97	Decarboxylative acylation of indolines with β -keto acids under palladium catalysis: a facile strategy for the synthesis of 7-substituted indoles. <i>Chemical Communications</i> , 2014 , 50, 14249-52	5.8	88
96	Rhodium(III)-Catalyzed C(sp ³)-H Alkylation of 8-Methylquinolines with Maleimides. <i>Organic Letters</i> , 2016 , 18, 4666-9	6.2	80
95	Rhodium(III)-Catalyzed Selective C-H Cyanation of Indolines and Indoles with an Easily Accessible Cyano Source. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 1293-1298	5.6	76
94	Rh(III)-Catalyzed C-H Functionalization of Indolines with Readily Accessible Amidating Reagent: Synthesis and Anticancer Evaluation. <i>Journal of Organic Chemistry</i> , 2016 , 81, 9878-9885	4.2	73
93	Synthesis of (2-H)-Indazoles through Rh(III)-Catalyzed Annulation Reaction of Azobenzenes with Sulfoxonium Ylides. <i>Journal of Organic Chemistry</i> , 2018 , 83, 4070-4077	4.2	71
92	Direct allylation of aromatic and α -unsaturated carboxamides under ruthenium catalysis. <i>Chemical Communications</i> , 2014 , 50, 11303-6	5.8	71
91	Novel one-pot Cu-nanoparticles-catalyzed Mannich reaction. <i>Tetrahedron Letters</i> , 2009 , 50, 1355-1358	2	71
90	Mild Rh(III)-catalyzed C7-allylation of indolines with allylic carbonates. <i>Journal of Organic Chemistry</i> , 2015 , 80, 1818-27	4.2	70
89	Synthesis of Succinimide-Containing Chromones, Naphthoquinones, and Xanthenes under Rh(III) Catalysis: Evaluation of Anticancer Activity. <i>Journal of Organic Chemistry</i> , 2016 , 81, 12416-12425	4.2	69
88	Rhodium-Catalyzed [3 + 2] Annulation of Cyclic N-Acyl Ketimines with Activated Olefins: Anticancer Activity of Spiroisoindolinones. <i>Journal of Organic Chemistry</i> , 2017 , 82, 3359-3367	4.2	66
87	Copper-Nanoparticle-Catalyzed A ³ Coupling via C-H Activation. <i>Synlett</i> , 2007 , 2007, 1581-1584	2.2	64
86	Cross-Coupling of Acrylamides and Maleimides under Rhodium Catalysis: Controlled Olefin Migration. <i>Organic Letters</i> , 2016 , 18, 2568-71	6.2	62
85	Site-Selective Rhodium(III)-Catalyzed C-H Amination of 7-Azaindoles with Anthranils: Synthesis and Anticancer Evaluation. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 3471-3478	5.6	54
84	Direct and Site-Selective Palladium-Catalyzed C-7 Acylation of Indolines with Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 594-600	5.6	53

83	Rhodium-Catalyzed C-H Alkylation of Indolines with Allylic Alcohols: Direct Access to β -Aryl Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2015 , 80, 11092-9	4.2	53
82	Ru(II)-catalyzed selective C-H amination of xanthenes and chromones with sulfonyl azides: synthesis and anticancer evaluation. <i>Journal of Organic Chemistry</i> , 2014 , 79, 9262-71	4.2	52
81	Dodecylphosphonic acid (DPA): a highly efficient catalyst for the synthesis of 2H-indazolo[2,1-b]phthalazine-triones under solvent-free conditions. <i>Tetrahedron Letters</i> , 2012 , 53, 1728-1731	5.2	52
80	Dual Role of Anthranils as Amination and Transient Directing Group Sources: Synthesis of 2-Acyl Acridines. <i>Organic Letters</i> , 2018 , 20, 4010-4014	6.2	51
79	CAN catalyzed synthesis of β -amino carbonyl compounds via Mannich reaction in PEG. <i>Catalysis Communications</i> , 2008 , 9, 2547-2549	3.2	49
78	Site-selective Cp*Rh(III)-catalyzed C-H amination of indolines with anthranils. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 241-249	5.2	48
77	Rh(III)-catalyzed oxidative coupling of 1,2-disubstituted arylhydrazines and olefins: a new strategy for 2,3-dihydro-1H-indazoles. <i>Organic Letters</i> , 2014 , 16, 2494-7	6.2	48
76	Direct access to isoindolines through tandem Rh(III)-catalyzed alkenylation and cyclization of N-benzyltriflamides. <i>Chemical Communications</i> , 2014 , 50, 2350-2	5.8	46
75	Cp*Rh(III)-catalyzed C(sp)-H alkylation of 8-methylquinolines in aqueous media. <i>Chemical Communications</i> , 2017 , 53, 3006-3009	5.8	45
74	Pd-catalyzed oxidative coupling of arene C-H bonds with benzylic ethers as acyl equivalents. <i>Journal of Organic Chemistry</i> , 2014 , 79, 275-84	4.2	45
73	Rhodium-catalyzed mild and selective C-H allylation of indolines and indoles with 4-vinyl-1,3-dioxolan-2-one: facile access to indolic scaffolds with an allylic alcohol moiety. <i>Tetrahedron</i> , 2015 , 71, 2435-2441	2.4	44
72	Rh-catalyzed oxidative C-C bond formation and C-N bond cleavage: direct access to C2-olefinated free (NH)-indoles and pyrroles. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 1703-6	3.9	44
71	Ruthenium(II)- or Rhodium(III)-Catalyzed Grignard-Type Addition of Indolines and Indoles to Activated Carbonyl Compounds. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 2714-2720	5.6	43
70	A novel method for the synthesis of β -enamino ketones using Cu-nanoparticles as catalyst. <i>Catalysis Communications</i> , 2009 , 10, 1514-1517	3.2	38
69	Rh(III)-Catalyzed C-H Amidation of Indoles with Isocyanates. <i>Journal of Organic Chemistry</i> , 2015 , 80, 7243-50	4.5	37
68	Cu Nanoparticles in PEG: A New Recyclable Catalytic System for N-Arylation of Amines with Aryl Halides. <i>ChemCatChem</i> , 2010 , 2, 1312-1317	5.2	36
67	Gold(III) chloride (HAuCl ₄ ·3H ₂ O) in PEG: A new and efficient catalytic system for the synthesis of functionalized spirochromenes. <i>Applied Catalysis A: General</i> , 2012 , 425-426, 35-43	5.1	33
66	Rh(III)-catalyzed C-H alkylation of 2-arylbenzothiazoles with β -diazo esters. <i>Tetrahedron Letters</i> , 2015 , 56, 4678-4682	2	31

65	Site-Selective C-H Amidation of Azobenzenes with Dioxazolones under Rhodium Catalysis. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 4976-4980	3.2	31
64	One-pot Synthesis of Oxindoles through C-H Alkylation and Intramolecular Cyclization of Azobenzenes with Internal Olefins. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 2396-2401	5.6	29
63	Synthesis of N-Sulfonylamidated and Amidated Azobenzenes under Rhodium Catalysis. <i>Journal of Organic Chemistry</i> , 2015 , 80, 8026-35	4.2	29
62	Mild and Site-Selective Allylation of Enol Carbamates with Allylic Carbonates under Rhodium Catalysis. <i>Journal of Organic Chemistry</i> , 2016 , 81, 2243-51	4.2	29
61	Synthesis of 2-Benzazepines from Benzylamines and MBH Adducts Under Rhodium(III) Catalysis via C(sp ²)-H Functionalization. <i>ACS Catalysis</i> , 2018 , 8, 742-746	13.1	28
60	Polyethylene glycol (PEG) mediated green synthesis of 2,5-disubstituted 1,3,4-oxadiazoles catalyzed by ceric ammonium nitrate (CAN). <i>Green Chemistry Letters and Reviews</i> , 2010 , 3, 55-59	4.7	28
59	Rhodium-Catalyzed Vinylic C-H Functionalization of Enol Carbamates with Maleimides. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 3611-3618	3.2	27
58	Rhodium(III)-Catalyzed Diastereoselective Synthesis of 1-Aminoindanes via C-H Activation. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 3900-3904	5.6	27
57	Allylic Acetals as Acrolein Oxonium Precursors in Tandem C-H Allylation and [3+2] Dipolar Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9470-9474	16.4	26
56	Rh-catalyzed oxidative C ₂ -alkenylation of indoles with alkynes: unexpected cleavage of directing group. <i>Tetrahedron Letters</i> , 2014 , 55, 3104-3107	2	26
55	Trifluoromethylallylation of Heterocyclic C-H Bonds with Allylic Carbonates under Rhodium Catalysis. <i>Journal of Organic Chemistry</i> , 2016 , 81, 4771-8	4.2	25
54	Synthesis and Anti-inflammatory Evaluation of 2-Aminobenzaldehydes via Ir(III)-Catalyzed C-H Amidation of Aldimines with Acyl Azides. <i>Journal of Organic Chemistry</i> , 2017 , 82, 7555-7563	4.2	24
53	Application of mobilized Cu-nanoparticles as heterogeneous catalyst for the synthesis of amino phosphonates via A ₂ -P coupling. <i>Catalysis Science and Technology</i> , 2011 , 1, 426	5.5	22
52	Ni-nanoparticles usage for the reduction of ketones. <i>Catalysis Communications</i> , 2008 , 9, 612-617	3.2	22
51	Recent advances in N-heterocycles synthesis through catalytic C-H functionalization of azobenzenes. <i>Tetrahedron</i> , 2018 , 74, 6769-6794	2.4	22
50	Site-Selective C-H Alkylation of Diazine -Oxides Enabled by Phosphonium Ylides. <i>Organic Letters</i> , 2019 , 21, 6488-6493	6.2	21
49	Copper-catalyzed oxidative C-O bond formation of 2-acyl phenols and 1,3-dicarbonyl compounds with ethers: direct access to phenol esters and enol esters. <i>Journal of Organic Chemistry</i> , 2014 , 79, 4735-4742	4.2	21
48	Transition-Metal-Catalyzed Oxidative and Decarboxylative Acylations through sp ² C-H Bond Activation. <i>Current Organic Chemistry</i> , 2015 , 20, 471-511	1.7	21

47	C-H Methylation of Iminoamido Heterocycles with Sulfur Ylides*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 191-196	16.4	20
46	Synthesis and Cytotoxic Evaluation of N-Aroylureas through Rhodium(III)-Catalyzed C \equiv N Functionalization of Indolines with Isocyanates. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 2329-2336	5.6	18
45	Ru(II)-Catalyzed C-H Aminocarbonylation of N-(Hetero)aryl-7-azaindoles with Isocyanates. <i>Journal of Organic Chemistry</i> , 2018 , 83, 4641-4649	4.2	17
44	Reactivity of Morita-Baylis-Hillman Adducts in C-H Functionalization of (Hetero)aryl Nitrones: Access to Bridged Cycles and Carbazoles. <i>Organic Letters</i> , 2018 , 20, 4632-4636	6.2	16
43	C(sp)-H amination of 8-methylquinolines with azodicarboxylates under Rh(III) catalysis: cytotoxic evaluation of quinolin-8-ylmethanamines. <i>Chemical Communications</i> , 2017 , 53, 11197-11200	5.8	15
42	C2-Selective C-H Methylation of Heterocyclic -Oxides with Sulfonium Ylides. <i>Organic Letters</i> , 2020 , 22, 9004-9009	6.2	14
41	Phthalazinone-Assisted C-H Amidation Using Dioxazolones Under Rh(III) Catalysis. <i>Journal of Organic Chemistry</i> , 2020 , 85, 7014-7023	4.2	13
40	Redox-Neutral Rh(III)-Catalyzed Olefination of Carboxamides with Trifluoromethyl Allylic Carbonate. <i>Journal of Organic Chemistry</i> , 2016 , 81, 11353-11359	4.2	13
39	Deoxygenative Amination of Azine--oxides with Acyl Azides via [3 + 2] Cycloaddition. <i>Journal of Organic Chemistry</i> , 2020 , 85, 2476-2485	4.2	13
38	Ru(II)-Catalyzed C-H Hydroxyalkylation and Mitsunobu Cyclization of -Aryl Phthalazinones. <i>Journal of Organic Chemistry</i> , 2020 , 85, 2520-2531	4.2	13
37	Synthesis and Anticancer Evaluation of 2,3-Disubstituted Indoles Derived from Azobenzenes and Internal Olefins. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 6265-6273	3.2	12
36	Rh(III)-catalyzed C \equiv N alkylation of indolines with enones through conjugate addition and protonation pathway. <i>Tetrahedron</i> , 2017 , 73, 4739-4749	2.4	12
35	Synthesis and anti-inflammatory evaluation of N-sulfonyl anthranilic acids via Ir(III)-catalyzed C-H amidation of benzoic acids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 2129-2134	2.9	11
34	A novel method for the synthesis of tetrahydrobenzo[a]-xanthen-11-one derivatives using cerium(III) chloride as a highly efficient catalyst. <i>Comptes Rendus Chimie</i> , 2012 , 15, 324-330	2.7	11
33	A green methodology for one-pot synthesis of polysubstituted-tetrahydropyrimidines using PEG. <i>Green Chemistry Letters and Reviews</i> , 2011 , 4, 109-115	4.7	11
32	Ruthenium(II)-Catalyzed Site-Selective Hydroxymethylation of Indolines with Paraformaldehyde. <i>Journal of Organic Chemistry</i> , 2019 , 84, 2307-2315	4.2	11
31	Installation of β -keto-carboxylate groups to C7-position of indolines via C \equiv N addition and oxidation approach under ruthenium catalysis. <i>Tetrahedron</i> , 2017 , 73, 1725-1732	2.4	9
30	Synthesis of (2H)-Indazoles from Azobenzenes Using Paraformaldehyde as a One-Carbon Synthone. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 1617-1626	5.6	9

29	Potassium carbonate as a green catalyst for Markovnikov addition of azoles to vinyl acetate in PEG. <i>Green Chemistry Letters and Reviews</i> , 2013 , 6, 63-68	4.7	9
28	Synthesis of (2)-Indazoles and Dihydrocinnolinones through Annulation of Azobenzenes with Vinylene Carbonate under Rh(III) Catalysis. <i>Organic Letters</i> , 2021 , 23, 5518-5522	6.2	8
27	Direct Integration of Phthalazinone and Succinimide Scaffolds via Rh(III)-Catalyzed C \equiv N Functionalization. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 202-209	3	8
26	Synthesis of spirosuccinimides annulative cyclization between -aryl indazolols and maleimides under rhodium(III) catalysis. <i>Chemical Communications</i> , 2021 , 57, 10947-10950	5.8	7
25	Transition-Metal-Free and Site-Selective Selenylation of Heterocyclic N-Oxides in Anisole as a Green Solvent. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 4886-4892	3.2	6
24	Synthesis of Phthalides through Tandem Rhodium-Catalyzed C \equiv N Olefination and Annulation of Benzamides. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 3076-3083	3.2	6
23	Rh(III)-catalyzed ortho-Alkylation of N-Benzyltriflamides with Diazo Compounds. <i>Bulletin of the Korean Chemical Society</i> , 2015 , 36, 2823-2828	1.2	5
22	Site-Selective C8-Alkylation of Quinoline -Oxides with Maleimides under Rh(III) Catalysis. <i>Journal of Organic Chemistry</i> , 2021 , 86, 7579-7587	4.2	5
21	Site-selective C \equiv N nitration of N-aryl-7-azaindoles under palladium(II) catalysis. <i>Tetrahedron Letters</i> , 2018 , 59, 3848-3852	2	5
20	Synthesis of TMPA Derivatives through Sequential Ir(III)-Catalyzed C-H Alkylation and Their Antidiabetic Evaluation. <i>ACS Omega</i> , 2018 , 3, 2661-2672	3.9	4
19	Synthesis of Indenes that are Derived from Aldimines with Enones Under Rhodium(III) Catalysis. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 1823-1829	3	4
18	Markovnikov addition of vinyl acetate with azoles catalyzed by potassium tert-butoxide. <i>Chinese Chemical Letters</i> , 2011 , 22, 417-420	8.1	4
17	C \equiv N Methylation of Iminoamido Heterocycles with Sulfur Ylides**. <i>Angewandte Chemie</i> , 2021 , 133, 193-198	3.6	4
16	Synthesis of Cinnolines via Rh(III)-Catalyzed Annulation of N-Aryl Heterocycles with Vinylene Carbonate. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 3005	3	3
15	Ru(II)-Catalyzed C-H addition and oxidative cyclization of 2-aryl quinazolinones with activated aldehydes. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 9611-9622	3.9	3
14	Site-Selective C \equiv N Amidation of 2-Aryl Quinazolinones Using Nitrene Surrogates. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 7134-7143	3.2	2
13	Synthesis of Succinimide-Linked Indazol-3-ols Derived from Maleimides under Rh(III) Catalysis.. <i>ACS Omega</i> , 2022 , 7, 14712-14722	3.9	2
12	Solvent-free synthesis of polyfunctional tetrahydropyrimidines promoted by recyclable ionic liquid. <i>Journal of the Iranian Chemical Society</i> , 2013 , 10, 695-699	2	1

11	Transition-Metal-Free Alkylation and Acylation of Benzoxazinones with 1,4-Dihydropyridines. <i>Journal of Organic Chemistry</i> , 2021 , 86, 12247-12256	4.2	1
10	Allylic Acetals as Acrolein Oxonium Precursors in Tandem C _H Alkylation and [3+2] Dipolar Cycloaddition. <i>Angewandte Chemie</i> , 2019 , 131, 9570-9574	3.6	0
9	Front Cover Picture: Site-Selective Rhodium(III)-Catalyzed C _H Amination of 7-Azaindoles with Anthranils: Synthesis and Anticancer Evaluation (Adv. Synth. Catal. 20/2017). <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 3469-3469	5.6	0
8	Novel anti-adipogenic effect of CF-allylated indole in 3T3-L1 cells.. <i>Chemico-Biological Interactions</i> , 2021 , 352, 109782	5	0
7	Catalyst-Free One-Pot Multi-Component Synthesis of 2-Substituted Quinazolin-4-carboxamides from 2-Aminophenyl-2-oxoacetamides, Aldehydes, and Ammonium Acetate. <i>ChemistrySelect</i> , 2021 , 6, 5446-5450	1.8	0
6	Synthesis of π -Extended Heterocycles via Rh(III)-Catalyzed Oxidative Annulation of 5-Aryl Pyrazinones with Alkynes. <i>Journal of Organic Chemistry</i> , 2021 , 86, 16349-16360	4.2	0
5	Front Cover: Synthesis and Anticancer Evaluation of 2,3-Disubstituted Indoles Derived from Azobenzenes and Internal Olefins (Eur. J. Org. Chem. 42/2017). <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 6246-6246	3.2	
4	Front Cover Picture: Ruthenium(II)- or Rhodium(III)-Catalyzed Grignard-Type Addition of Indolines and Indoles to Activated Carbonyl Compounds (Adv. Synth. Catal. 17/2016). <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 2713-2713	5.6	
3	Synthesis of nano-sized titania using new chemically modified Schiff base complexes of titanium(IV) isopropoxide through sol-gel technology. <i>Materials Research Innovations</i> , 2017 , 1-6	1.9	
2	Site-selective and metal-free C-H nitration of biologically relevant N-heterocycles. <i>Archives of Pharmacal Research</i> , 2021 , 1	6.1	
1	Reactivity of triplet diradical intermediates in aqueous media for transition-metal-free Csp ² -alkylation. <i>Cell Reports Physical Science</i> , 2022 , 100819	6.1	