

# Ponneri Chandrababu Ravikumar

## List of Publications by Year in descending order

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39  
papers

1,986  
citations

516561

16  
h-index

315616

38  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2877  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overcoming the Challenges toward Selective C(6)-H Functionalization of 2-Pyridone with Maleimide through Mn(I)-Catalyst: Easy Access to All-Carbon Quaternary Center. <i>Organic Letters</i> , 2022, 24, 848-852.	2.4	9
2	Palladium-catalyzed selective C-C bond cleavage and stereoselective alkenylation between cyclopropanol and 1,3-diyne: one-step synthesis of diverse conjugated enynes. <i>Chemical Science</i> , 2022, 13, 2692-2700.	3.7	17
3	Co(II)-Catalyzed C-H/N-H Annulation of Cyclic Alkenes with Indole-2-carboxamides at Room Temperature: One-Step Access to Î <sup>2</sup> -Carboline-1-one Derivatives. <i>Journal of Organic Chemistry</i> , 2022, 87, 4438-4448.	1.7	4
4	Pyridone Directed Ru-Catalyzed Olefination of C(sp <sup>2</sup> )-C(H) Bond Using Michael Acceptors: Creation of Drug Analogues. <i>Journal of Organic Chemistry</i> , 2022, 87, 6189-6201.	1.7	5
5	Rhodium-Catalyzed One-Pot Access to N-Polycyclic Aromatic Hydrocarbons from Aryl Ketones through Triple C-H Bond Activations. <i>Journal of Organic Chemistry</i> , 2021, 86, 1108-1117.	1.7	8
6	Redox-Neutral Cobalt(III)-Catalyzed C-H Activation/Annulation of Î <sup>1,2</sup> -Unsaturated Oxime Ether with Alkyne: One-Step Access to Multisubstituted Pyridine. <i>Journal of Organic Chemistry</i> , 2021, 86, 1074-1083.	1.7	26
7	Bismuth(iii)-catalyzed regioselective alkylation of tetrahydroquinolines and indolines towards the synthesis of bioactive core-biaryl oxindoles and CYP19 inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 891-905.	1.5	1
8	Ruthenium-Catalyzed Cross Dehydrogenative Annulation of N-(7-Azaindole)benzamides with Maleimides: One-Step Access to Highly Functionalized Pyrroloisoquinoline. <i>Journal of Organic Chemistry</i> , 2021, 86, 6551-6565.	1.7	12
9	Ruthenium-Catalyzed Regioselective C(sp <sup>2</sup> )-H Activation/Annulation of N-(7-Azaindole)amides with 1,3-Diynes Using N-Amino-7-azaindole as the N-Bidentate Directing Group. <i>Journal of Organic Chemistry</i> , 2021, 86, 9428-9443.	1.7	7
10	Cobalt(III)-Catalyzed C-6 Alkenylation of 2-Pyridones by Using Terminal Alkyne with High Regioselectivity. <i>Journal of Organic Chemistry</i> , 2021, 86, 9444-9454.	1.7	11
11	Breaking the Trend: Insight into Unforeseen Reactivity of Alkynes in Cobalt-Catalyzed Weak Chelation-Assisted Regioselective C(4)-H Functionalization of 3-Pivaloyl Indole. <i>ACS Catalysis</i> , 2021, 11, 11579-11587.	5.5	19
12	Palladium-Catalyzed C-C Bond Activation of Cyclopropenone: Modular Access to Trisubstituted Î <sup>1,2</sup> -Unsaturated Esters and Amides. <i>Journal of Organic Chemistry</i> , 2021, 86, 2682-2695.	1.7	15
13	O-Directed C-H functionalization via cobaltacycles: a sustainable approach for C-C and C-heteroatom bond formations. <i>Chemical Communications</i> , 2021, 57, 3630-3647.	2.2	29
14	Synthesis and Photophysical Study of Heteropolycyclic and Carbazole Motif: Nickel-Catalyzed Chelate-Assisted Cascade C-H Activations/Annulations. <i>Organic Letters</i> , 2021, 23, 9041-9046.	2.4	9
15	Hydroxylamine-Sulfonic Acid (HOSA) as a Redox-Neutral Directing Group: Rhodium Catalyzed, Additive Free, One-Pot Synthesis of Isoquinolines from Arylketones. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1006-1014.	1.2	15
16	Regio- and Stereoselective Synthesis of the Core Structure of Hexahydrobenzo[ <i>c</i> ]phenanthridine Alkaloids via Redox-Neutral Cp*Rh(III)-Catalyzed C-H/N-H Annulation of Cyclic Alkenes with Benzamides. <i>ACS Omega</i> , 2020, 5, 24033-24044.	1.6	4
17	Cobalt-Catalyzed One-Step Access to Pyroquilon and C-7 Alkenylation of Indoline with Activated Alkenes Using Weakly Coordinating Functional Groups. <i>Journal of Organic Chemistry</i> , 2020, 85, 5330-5341.	1.7	24
18	Rhodium-Catalyzed Room Temperature C-C Activation of Cyclopropanol for One-Step Access to Diverse 1,6-Diketones. <i>Organic Letters</i> , 2020, 22, 2854-2860.	2.4	33

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19	A Palladium-Catalyzed Cascade C=C Activation of Cyclopropenone and Carbonylative Amination: Easy Access to Highly Functionalized Maleimide Derivatives. <i>Organic Letters</i> , 2020, 22, 1368-1374.	2.4	23
20	N-Amino-7-azaindole as the N,N'-Bidentate Directing Group: Ruthenium-Catalyzed Oxidative Annulation of N-(7-Azaindole)benzamides with Alkynes via C-H Bond Activation. <i>Journal of Organic Chemistry</i> , 2019, 84, 12314-12323.	1.7	12
21	Cobalt-Catalyzed Regioselective Direct C-4 Alkenylation of 3-Acetylundole with Michael Acceptors Using a Weakly Coordinating Functional Group. <i>Organic Letters</i> , 2019, 21, 8138-8143.	2.4	54
22	Cobalt Catalyzed Hydroarylation of Michael Acceptors with Indolines Directed by a Weakly Coordinating Functional Group. <i>Organic Letters</i> , 2019, 21, 4049-4053.	2.4	40
23	Hexafluoroisopropanol mediated benign synthesis of 2-H-pyrido[1,2-a]pyrimidin-2-ones by using a domino protocol. <i>New Journal of Chemistry</i> , 2017, 41, 14862-14870.	1.4	21
24	Nanocomposite of MoS <sub>2</sub> -RGO as Facile, Heterogeneous, Recyclable, and Highly Efficient Green Catalyst for One-Pot Synthesis of Indole Alkaloids. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8551-8567.	3.2	82
25	Formal Total Synthesis of Amphidinolide Q. <i>Journal of Organic Chemistry</i> , 2016, 81, 9728-9737.	1.7	9
26	C-H-Activation approach towards the core structure of the alkaloid Î³-lycorane. <i>Tetrahedron</i> , 2016, 72, 6499-6509.	1.0	4
27	Exploration of Aberrant Behaviour of Grignard Reagents with Indole-3-carboxaldehyde: Application to the Synthesis of Turbomycin B and Vibrindole A Derivatives. <i>Synlett</i> , 2016, 28, 117-121.	1.0	8
28	An unusual chemoselective oxidation strategy by an unprecedented exploration of an electrophilic center of DMSO: a new facet to classical DMSO oxidation. <i>Chemical Communications</i> , 2015, 51, 15438-15441.	2.2	57
29	Hypervalent iodine mediated direct one pot transformation of aldehydes to ketones. <i>RSC Advances</i> , 2014, 4, 15011-15013.	1.7	6
30	Development of Enantioselective Synthetic Routes to (S)-Kinamycin F and (S)-Lomaiviticin Aglycon. <i>Journal of the American Chemical Society</i> , 2012, 134, 17262-17273.	6.6	37
31	Transmissive Olefination Route to Putative ÎœMorinol Lignans. <i>Journal of Organic Chemistry</i> , 2012, 77, 3651-3657.	1.7	9
32	Alkenenitrile Transmissive Olefination: Synthesis of the Putative Lignan ÎœMorinol L. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6843-6846.	1.2	4
33	Nitrile-Containing Pharmaceuticals: Efficacious Roles of the Nitrile Pharmacophore. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7902-7917.	2.9	1,279
34	Direct Conversion of Aldehydes and Ketones to Allylic Halides by a NbX <sub>5</sub> -[3,3] Rearrangement. <i>Synlett</i> , 2009, 2009, 1077-1080.	1.0	15
35	Synthesis of the Fully Glycosylated Cyclohexenone Core of Lomaiviticin A. <i>Organic Letters</i> , 2009, 11, 4322-4325.	2.4	39
36	Allylic and Allenic Halide Synthesis via NbCl <sub>5</sub> - and NbBr <sub>5</sub> -Mediated Alkoxide Rearrangements. <i>Journal of Organic Chemistry</i> , 2009, 74, 7294-7299.	1.7	20

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37	The First Total Synthesis of (±)-Herbertenones A and B. <i>Synthesis</i> , 2008, 2008, 1527-1534.	1.2	9
38	Synthesis of (±)-12-Methoxyherbertenediol Dimethyl Ether. <i>Synthetic Communications</i> , 2007, 37, 4123-4140.	1.1	8
39	Co(II) Catalysed C-H/N-H Annulation of Cyclic Alkenes with Benzamides at Room Temperature; An Easy Access to the Core Skeleton of Hexahydrobenzo[c]phenanthridine type Alkaloids.. <i>Asian Journal of Organic Chemistry</i> , 0, , .	1.3	1