

# Akhilesh K Verma

## List of Publications by Year in descending order

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36  
papers

668  
citations

623699

14  
h-index

610883

24  
g-index

36  
all docs

36  
docs citations

36  
times ranked

826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Base-Mediated Hydroamination of Alkynes. <i>Accounts of Chemical Research</i> , 2017, 50, 240-254.	15.6	159
2	Recent advances in the synthesis of carbazoles from indoles. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8330-8342.	2.8	66
3	Regio- and Stereoselective Synthesis of Isoindolin-1-ones through BuLi-Mediated Iodoaminocyclization of 2-(1-Alkynyl)benzamides. <i>Journal of Organic Chemistry</i> , 2018, 83, 3339-3347.	3.2	36
4	Base-Mediated Direct Transformation of <i>N</i> -Propargylamines into 2,3,5-Trisubstituted 1 <i>H</i> -Pyrroles. <i>Organic Letters</i> , 2018, 20, 7182-7185.	4.6	29
5	Base-Mediated Deuteration of Organic Molecules: A Mechanistic Insight. <i>ACS Omega</i> , 2018, 3, 10612-10623.	3.5	26
6	Visible-Light-Accelerated Copper-Catalyzed [3 + 2] Cycloaddition of <i>N</i> -Tosylcyclopropylamines with Alkynes/Alkenes. <i>Journal of Organic Chemistry</i> , 2022, 87, 6263-6272.	3.2	22
7	Chemo-, Regio-, and Stereoselective <i>N</i> -Alkenylation of Pyrazoles/Benzopyrazoles Using Activated and Unactivated Alkynes. <i>Journal of Organic Chemistry</i> , 2017, 82, 10247-10262.	3.2	21
8	Regioselective 6-endo-dig iodocyclization: an accessible approach for iodo-benzo[a]phenazines. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4686-4696.	2.8	18
9	Chemoselective Azidation of <i>o</i> -Alkynylaldehydes over [3 + 2] Cycloaddition and Subsequent Staudinger Reaction: Access to Benzonaphthyridines/Naphthyridines. <i>Journal of Organic Chemistry</i> , 2017, 82, 6388-6397.	3.2	18
10	Ru(II)-Catalyzed Oxidative Olefination of Benzamides: Switchable Aza-Michael and Aza-Wacker Reaction for Synthesis of Isoindolinones. <i>Organic Letters</i> , 2020, 22, 4620-4626.	4.6	18
11	Exploring the behavior of the NFSI reagent as a nitrogen source. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7056-7073.	2.8	17
12	Ag( <i>sc</i> )-Catalyzed cycloisomerization reactions: synthesis of substituted phenanthrenes and naphthothiophenes. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6934-6942.	2.8	16
13	Substrate-Controlled Regio- and Stereoselective Synthesis of ( <i>Z</i> )- and ( <i>E</i> )- <i>N</i> -Styrylated Carbazoles, Aza-carbazoles, and <sup>13</sup> C-Carbolines via Hydroamination of Alkynes. <i>Journal of Organic Chemistry</i> , 2018, 83, 11686-11702.	3.2	16
14	Aza-Henry Reaction: Synthesis of Nitronaphthylamines from 2-(Alkynyl)benzotrioles. <i>Organic Letters</i> , 2020, 22, 130-134.	4.6	16
15	Transition-Metal-Free Access to Pyridocarbazoles from 2-Alkynylindole-3-carbaldehydes via Azomethine Ylide. <i>Journal of Organic Chemistry</i> , 2018, 83, 6650-6663.	3.2	15
16	Metal-Free Carbonyl-Assisted Regioselective Hydration of Alkynes: An Access to Dicarboxyls. <i>Organic Letters</i> , 2019, 21, 5059-5063.	4.6	15
17	Rh( <i>sc</i> )-catalyzed alkynylation: synthesis of functionalized quinolines from aminohydrazone. <i>Chemical Communications</i> , 2019, 55, 12168-12171.	4.1	14
18	Cu(II)-Mediated Ortho-C-H Amination of Arenes with Free Amines. <i>Journal of Organic Chemistry</i> , 2019, 84, 8067-8079.	3.2	14

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19	On Water: Metal-Free Synthesis of Highly Functionalized Benzothiazolylidene from <i>ortho</i> -Haloanilines. <i>Journal of Organic Chemistry</i> , 2019, 84, 2689-2698.	3.2	13
20	Pd-Catalyzed one-pot sequential cross-coupling reactions of tetrabromothiophene. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 10289-10298.	2.8	12
21	Harnessing the reactivity of <i>ortho</i> -formyl-arylketones: base-promoted regioselective synthesis of functionalized isoquinolines. <i>Chemical Communications</i> , 2019, 55, 8278-8281.	4.1	10
22	On water: iodine-mediated direct construction of 1,3-benzothiazines from <i>ortho</i> -alkynylanilines by regioselective 6-exo-dig cyclization. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2657-2662.	2.8	10
23	Well-Defined Palladium N-Heterocyclic Carbene Complexes: Direct C-H Bond Arylation of Heteroarenes. <i>Journal of Organic Chemistry</i> , 2020, 85, 13983-13996.	3.2	10
24	2-Alkynyl nitrile: An Emerging Precursor for the Generation of Carbo- and Heterocycles. <i>ACS Omega</i> , 2020, 5, 32133-32139.	3.5	9
25	Dual function of carbon tetrachloride: synthesis of chlorinated heterocycles. <i>Chemical Communications</i> , 2019, 55, 10721-10724.	4.1	8
26	Triple Bond Directed Csp <sup>2</sup> -N Bond Formation with <i>N</i> -Fluorobenzenesulfonimide as Aminating Source: One-Step Transformation of Aldehydes into Amines. <i>Chemistry - A European Journal</i> , 2019, 25, 16063-16067.	3.3	8
27	Transition-Metal-Free Reverse Reactivity of (2-Alkynyl) Arylaldimines: Assembly of Functionalized Amino Indinones. <i>Chemistry - A European Journal</i> , 2020, 26, 1017-1021.	3.3	8
28	Base-Promoted Synthesis of Polysubstituted 4-Aminoquinolines from Ynones and 2-Aminobenzonitriles under Transition-Metal-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2546-2551.	4.3	8
29	Base-Mediated Anti-Markovnikov Hydroamidation of Vinyl Arenes with Arylamides. <i>Organic Letters</i> , 2021, 23, 565-570.	4.6	8
30	BF <sub>3</sub> -Etherate-catalyzed tandem reaction of 2-formylarylketones with electron-rich arenes/heteroarenes: an assembly of isobenzofurans. <i>Chemical Communications</i> , 2020, 56, 6122-6125.	4.1	7
31	Radical Promoted Synthesis of Furoquinolines <i>via</i> Anomalous Dakin-Type Reaction. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4555-4560.	4.3	6
32	Tandem 6 $\pi$ -Azatriene Electrocyclization of Fused Amino-cyclopentenones: Synthesis of Functionalized Pyrrolo- and Indolo-quinoxalines. <i>Organic Letters</i> , 2021, 23, 7586-7591.	4.6	5
33	Olefin-Oriented Selective Synthesis of Linear and Branched <i>N</i> -Alkylated Heterocycles by Hydroamination. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3312-3316.	2.4	4
34	Mechanistic insights of Cu(II)-mediated <i>ortho</i> -C-H amination of arenes by capturing fleeting intermediates and theoretical calculations. <i>Chemical Communications</i> , 2019, 55, 9359-9362.	4.1	3
35	Diacetylene-Based Colorimetric Radiation Sensors for the Detection and Measurement of <sup>137</sup> I Radiation during Blood Irradiation. <i>ACS Omega</i> , 2021, 6, 9482-9491.	3.5	2
36	Synthesis of cyclopentaquinolinone and cyclopentapyridinone from <i>ortho</i> -alkynyl- <i>N</i> -arylaldehyde <i>via</i> superbase-promoted C-N, C-O and C-C bond formation. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5594-5601.	2.8	1