

Ravi Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

761
citations

516710

16
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

1082
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemistry of Abiotic Nucleotide Synthesis. <i>Chemical Reviews</i> , 2020, 120, 4766-4805.	47.7	123
2	Transition-metal catalyzed asymmetric reactions under continuous flow from 2015 to early 2020. <i>Green Synthesis and Catalysis</i> , 2020, 1, 121-133.	6.8	70
3	Lewis-Acid-Catalyzed Decarboxylative Annulation of 2-Aminoindole-3-Carboxylate with Ynals Involving [3 + 2] Spirocycloaddition and 2,3-Aza Migration. <i>Organic Letters</i> , 2020, 22, 1117-1123.	4.6	20
4	Rh(III)-Catalyzed Intramolecular Oxidative Annulation of Propargyl Amino Phenyl Benzamides to Access Pyrido/ Isoquinolino Quinoxalinones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4825-4830.	4.3	11
5	Synthesis of 2-Thioorotidine and Comparison of Its Unusual Instability with Its Canonical Pyrimidine Counterparts. <i>Journal of Organic Chemistry</i> , 2019, 84, 14427-14435.	3.2	0
6	A nickel-catalyzed <i>anti</i> -carbometallative cyclization of alkyne azides with organoboronic acids: synthesis of 2,3-diarylquinolines. <i>Chemical Communications</i> , 2018, 54, 759-762.	4.1	61
7	Copper-Promoted Regioselective Intermolecular Diamination of Ynamides: Synthesis of Imidazo[1,2-a]pyridines. <i>ACS Omega</i> , 2017, 2, 2770-2777.	3.5	16
8	Silver-Mediated Direct C-H Cyanation of Terminal Alkynes with <i>N</i> -Isocyanoiminotriphenylphosphorane. <i>Organic Letters</i> , 2017, 19, 5613-5616.	4.6	38
9	A stereoselective thiocyanate conjugate addition to electron deficient alkynes and concomitant cyclization to N,S-heterocycles. <i>Chemical Communications</i> , 2017, 53, 11060-11063.	4.1	49
10	Metal-Free Iodosulfonylation of Internal Alkynes: Stereodefined Access to Tetrasubstituted Olefins. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2847-2856.	4.3	42
11	Cu-Catalyzed iminative hydroolefination of unactivated alkynes en route to 4-imino-tetrahydropyridines and 4-aminopyridines. <i>Chemical Communications</i> , 2016, 52, 13475-13478.	4.1	33
12	Unprecedented Transformation of a Directing Group Generated In Situ and Its Application in the One-Pot Synthesis of α -Alkenyl Benzonitriles. <i>Chemistry - A European Journal</i> , 2015, 21, 11807-11812.	3.3	17
13	Metal-Free Decarboxylative Cyclization/Ring Expansion: Construction of Five-, Six-, and Seven-Membered Heterocycles from α -Alkynyl Benzaldehydes and Cyclic Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9564-9567.	13.8	41
14	Diversity Oriented Synthesis of Indoloazepinobenzimidazole and Benzimidazotriazolobenzodiazepine from <i>N</i> -alkynyl-1,2-diamines. <i>Chemistry - A European Journal</i> , 2015, 21, 18828-18833.	3.3	22
15	Synthetic modified pyrrolo[1,4] benzodiazepine molecules demonstrate selective anticancer activity by targeting the human ligase 1 enzyme: An in silico and in vitro mechanistic study. <i>Chemico-Biological Interactions</i> , 2015, 237, 115-124.	4.0	20
16	Ruthenium(η^5 -catalyzed C-H activation/C-N bond formation via in situ generated iminophosphorane as the directing group: construction of annulated pyridin-2(1H)-ones. <i>RSC Advances</i> , 2014, 4, 57749-57753.	3.6	29
17	One-Pot Synthesis of Highly Fluorescent Pyrido[1,2- <i>a</i>]indole Derivatives through $C_{60}H/Ni_{12}H$ Activation: Photophysical Investigations and Application in Cell Imaging. <i>Chemistry - A European Journal</i> , 2014, 20, 14344-14350.	3.3	32
18	Diversity-Oriented Synthesis of Polycyclic Indoles: Brønsted or Lewis Acid Catalyzed Three-Component Reaction for the Synthesis of β -Carbolines and Pyrimidoindoles. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6057-6066.	2.4	15

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19	SnCl ₂ ·2H ₂ O: An Efficient Reagent for Selective and Direct Oxidative Desulfurization of Phenylmethylene-2-thiohydantoins to Corresponding Hydantoins. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1404-1410.	1.6	5
20	2-Aminoimidazole, Glycociamidine and 2-Thiohydantoin-Marine Alkaloids as Molecular Inspirations for the Development of Lead Structures. Current Drug Targets, 2011, 12, 1689-1708.	2.1	6
21	Synthesis of 2-(pyrimidin-2-yl)-1-phenyl-2,3,4,9-tetrahydro-1H- β -carbolines as antileishmanial agents. European Journal of Medicinal Chemistry, 2010, 45, 3274-3280.	5.5	35
22	Synthesis and cytotoxicity evaluation of (tetrahydro- β -carboline)-1,3,5-triazine hybrids as anticancer agents. European Journal of Medicinal Chemistry, 2010, 45, 2265-2276.	5.5	67