

# Jayasudhan Reddy Yerabolu

## List of Publications by Year in descending order

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25  
papers

791  
citations

567281

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h-index

642732

23  
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27  
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27  
docs citations

27  
times ranked

1006  
citing authors

#	ARTICLE	IF	CITATIONS
1	Linked cycles of oxidative decarboxylation of glyoxylate as protometabolic analogs of the citric acid cycle. <i>Nature Communications</i> , 2018, 9, 91.	12.8	89
2	Structural basis for the action of the drug trametinib at KSR-bound MEK. <i>Nature</i> , 2020, 588, 509-514.	27.8	86
3	A rapid synthesis of 3-sulfenyl indoles using Selectfluor <sup>®</sup> . <i>Tetrahedron Letters</i> , 2007, 48, 7034-7037.	1.4	84
4	Iron(III) Chloride: A Versatile Catalyst for the Practical Synthesis of 3-Sulfenylindoles. <i>Synthesis</i> , 2009, 2009, 1520-1524.	2.3	82
5	InBr <sub>3</sub> -catalyzed three-component, one-pot synthesis of imidazo[1,2-a]pyridines. <i>Tetrahedron Letters</i> , 2011, 52, 5789-5793.	1.4	68
6	Pd(OAc) <sub>2</sub> -catalyzed C-H activation of indoles: a facile synthesis of 3-cyanoindoles. <i>Tetrahedron Letters</i> , 2010, 51, 3334-3336.	1.4	64
7	Stereoselective Synthesis of <i>anti</i> -1,3-Aminoalcohols via Reductive Opening of 4-Amidotetrahydropyrans Derived from the Prins/Ritter Sequence. <i>Organic Letters</i> , 2013, 15, 546-549.	4.6	46
8	1-Chloromethyl-4-fluoro-1,4-diazoniabicyclo[2,2,2]octane Bis(tetrafluoroborate) as Novel and Versatile Reagent for the Rapid Thiocyanation of Indoles, Azaindole, and Carbazole. <i>Chemistry Letters</i> , 2008, 37, 652-653.	1.3	29
9	Synthesis of a series of glucosyl triazole derivatives and their self-assembling properties. <i>Tetrahedron Letters</i> , 2015, 56, 82-85.	1.4	29
10	PMA/SiO <sub>2</sub> catalyzed amidation of alcohols with nitriles: A simple, cost-effective and recyclable catalytic system for Ritter reaction. <i>Catalysis Communications</i> , 2008, 9, 1297-1301.	3.3	28
11	Synthesis and characterization of amide linked triazolyl glycolipids as molecular hydrogelators and organogelators. <i>RSC Advances</i> , 2017, 7, 40887-40895.	3.6	22
12	Indium/Cu(II)-mediated one-pot synthesis of unsymmetrical diaryl amines from aryl boronic acids and azides. <i>Tetrahedron Letters</i> , 2011, 52, 2547-2549.	1.4	21
13	Cyanide as a primordial reductant enables a protometabolic reductive glyoxylate pathway. <i>Nature Chemistry</i> , 2022, 14, 170-178.	13.6	21
14	Synthesis and study of N-acetyl d-glucosamine triazole derivatives as effective low molecular weight gelators. <i>Tetrahedron Letters</i> , 2015, 56, 3361-3364.	1.4	20
15	Three-component synthesis of 2-aryl-4-arylthio-tetrahydro-2H-pyrans via the Prins-cyclization. <i>Tetrahedron Letters</i> , 2009, 50, 2877-2880.	1.4	18
16	Stereoselective Total Synthesis of Attenols A and B. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6317-6324.	2.4	15
17	Anchimeric-Assisted Spontaneous Hydrolysis of Cyanohydrins Under Ambient Conditions: Implications for Cyanide-Initiated Selective Transformations. <i>Chemistry - A European Journal</i> , 2017, 23, 8756-8765.	3.3	15
18	Stereoselective Synthesis of 2-(2-Hydroxyalkyl)piperidine Alkaloids Through Prins-Ritter Reaction. <i>Synthetic Communications</i> , 2014, 44, 1658-1663.	2.1	12

#	ARTICLE	IF	CITATIONS
19	The Unexpected Base-Pairing Behavior of Cyanuric Acid in RNA and Ribose versus Cyanuric Acid Induced Helicene Assembly of Nucleic Acids: Implications for the Pre-RNA Paradigm. Chemistry - A European Journal, 2021, 27, 4033-4042.	3.3	11
20	The stereoselective total synthesis of (+)-8-ethylnorlobelol from anti-1,3-aminoalcohols. Tetrahedron Letters, 2013, 54, 4960-4962.	1.4	10
21	Montmorillonite Clay Catalyzed Three Component, One-Pot Synthesis of 5-Hydroxyindole Derivatives. Bulletin of the Korean Chemical Society, 2013, 34, 2968-2972.	1.9	9
22	A novel Prins-alkynylation reaction for the synthesis of 4-phenacyl tetrahydropyrans. Tetrahedron Letters, 2010, 51, 1236-1239.	1.4	8
23	The Abiotic Oxidation of Organic Acids to Malonate. Synlett, 2016, 28, 98-102.	1.8	4
24	Frontispiece: The Unexpected Base-Pairing Behavior of Cyanuric Acid in RNA and Ribose versus Cyanuric Acid Induced Helicene Assembly of Nucleic Acids: Implications for the Pre-RNA Paradigm. Chemistry - A European Journal, 2021, 27, .	3.3	0
25	An Antagonist of KSR1-Driven Adaptive Resistance to Clinical RAS-MAPK Inhibitors. FASEB Journal, 2022, 36, .	0.5	0