

# Rajasekhara Reddy

## List of Publications by Year in descending order

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27  
papers

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687363

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#	ARTICLE	IF	CITATIONS
1	A new outlook in oxidative transformations and coupling reactions via in situ generation of organic chloramines. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6518.	3.5	6
2	Anti-viral activity of methyl 1-chloro-7-methyl-2-propyl-1h-benzo[d]imidazole-5-carboxylate against white spot syndrome virus in freshwater crab ( <i>Paratelphusa hydrodromous</i> ). <i>Aquaculture International</i> , 2022, 30, 989-998.	2.2	6
3	Copper-Mediated Relay Strategy Using Chlorination/Oxidation: An Effective Synthesis of Functionalized Coumarin Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	4
4	Cu-Catalysed tandem reactions for building poly hetero atom heterocycles-green chemistry tool. <i>ChemistrySelect</i> , 2022, .	1.5	1
5	A Critical Review on Recent Advances in Base-Assisted Smiles Rearrangement. <i>Current Organic Chemistry</i> , 2022, 26, 1303-1310.	1.6	2
6	Recent advances in the synthesis of organic chloramines and their insights into health care. <i>New Journal of Chemistry</i> , 2021, 45, 8386-8408.	2.8	15
7	Naturally derived sugar-based ionic liquids: an emerging tool for sustainable organic synthesis and chiral recognition. <i>New Journal of Chemistry</i> , 2021, 45, 20075-20090.	2.8	10
8	Imidazopyridazine Acetylcholinesterase Inhibitors Display Potent Anti-Proliferative Effects in the Human Neuroblastoma Cell-Line, IMR-32. <i>Molecules</i> , 2021, 26, 5319.	3.8	6
9	Pd/C and TFA-Promoted One-Pot, Two-Step Cascade Reaction: An Effective Synthesis of Oxepines. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 3045-3049.	2.7	3
10	First sonochemical, simple and solvent-free synthesis of chiral <i>tert</i> -butanesulfinimines using silica supported <i>p</i> -toluenesulfonic acid. <i>Synthetic Communications</i> , 2019, 49, 56-64.	2.1	7
11	Drug repurposing of novel quinoline acetohydrazide derivatives as potent COX-2 inhibitors and anti-cancer agents. <i>Journal of Molecular Structure</i> , 2018, 1154, 437-444.	3.6	31
12	Drugs Against Neurodegenerative Diseases: Design and Synthesis of 6-Amino-substituted Imidazo[1,2- <i>b</i> ]pyridazines as Acetylcholinesterase Inhibitors. <i>ChemistrySelect</i> , 2017, 2, 842-847.	1.5	21
13	A Green and Recyclable Copper and Ionic Liquid Catalytic System for the Construction of Polyheterocyclic Compounds via One-Pot Tandem Coupling Reaction. <i>ChemistrySelect</i> , 2017, 2, 1196-1201.	1.5	14
14	Zn(II) Chloride Promoted Benzannulation Strategy for One-Pot Regioselective Synthesis of 6-Hydroxybenzo[ <i>c</i> ]chromenes. <i>ChemistrySelect</i> , 2017, 2, 2539-2543.	1.5	7
15	A remarkable chiral recognition of racemic Mosher's acid salt by naturally derived chiral ionic liquids using <sup>19</sup> F NMR spectroscopy. <i>RSC Advances</i> , 2016, 6, 39758-39761.	3.6	35
16	Ionic liquid [bmim]Br assisted chemoselective benzylic C H oxidations using <i>t</i> -butyl hydroperoxide. <i>Journal of Molecular Liquids</i> , 2016, 222, 441-445.	4.9	12
17	Natural Sugars Derived Chiral Ionic Liquids for Asymmetric Michael Addition Reaction. <i>ChemistrySelect</i> , 2016, 1, 2341-2343.	1.5	14
18	Copper-catalyzed tandem reaction in ionic liquid: an efficient reusable catalyst and solvent media for the synthesis of fused poly hetero cyclic compounds. <i>RSC Advances</i> , 2016, 6, 62742-62746.	3.6	18

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19	Synthesis of quinoline acetohydrazide-hydrazone derivatives evaluated as DNA gyrase inhibitors and potent antimicrobial agents. <i>RSC Advances</i> , 2016, 6, 64460-64468.	3.6	45
20	Antiviral activity of 3-(1-chloropiperidin-4-yl)-6-fluoro benzisoxazole 2 against White spot syndrome virus in Freshwater crab, <i>Paratelphusa hydrodomous</i> . <i>Aquaculture Research</i> , 2016, 47, 2677-2681.	1.8	8
21	HDAC and NF- $\kappa$ B mediated cytotoxicity induced by novel N-Chloro $\beta$ -lactams and benzisoxazole derivatives. <i>Chemico-Biological Interactions</i> , 2016, 246, 69-76.	4.0	19
22	Hydrophobic d-galactose based ionic liquid for the sequestration of Pb <sup>2+</sup> ions from aqueous solution. <i>Journal of Molecular Liquids</i> , 2016, 219, 1172-1178.	4.9	25
23	Chemoselective Oxidation of Benzyl, Amino, and Propargyl Alcohols to Aldehydes and Ketones under Mild Reaction Conditions. <i>ChemistryOpen</i> , 2015, 4, 107-110.	1.9	14
24	Cu(I) catalyzed dehydrogenative homo coupling of aromatic amines under simple and mild reaction conditions. <i>Catalysis Communications</i> , 2014, 56, 50-54.	3.3	37
25	A simple and efficient method for mild and selective oxidation of propargylic alcohols using TEMPO and calcium hypochlorite. <i>RSC Advances</i> , 2013, 3, 14929.	3.6	8
26	Simplified Procedure for TEMPO-Catalyzed Oxidation: Selective Oxidation of Alcohols, $\alpha$ -Hydroxy Esters, and Amides Using TEMPO and Calcium Hypochlorite. <i>Synthetic Communications</i> , 2012, 42, 3493-3503.	2.1	20
27	A Novel Method for Monitoring the Transesterification Reaction of Oil in Biodiesel Production by Estimation of Glycerol. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2010, 87, 747-754.	1.9	15