

# Chinnarajesh Ummadisetti

## List of Publications by Year in descending order

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24  
papers

839  
citations

471509

17  
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610901

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g-index

24  
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docs citations

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times ranked

983  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel 4-Aminoquinoline-Pyrimidine Based Hybrids with Improved in Vitro and in Vivo Antimalarial Activity. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 555-559.	2.8	121
2	RGO/ZnO Nanocomposite: An Efficient, Sustainable, Heterogeneous, Amphiphilic Catalyst for Synthesis of 3-Substituted Indoles in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 9-18.	6.7	84
3	Hydromagnesite as an Efficient Recyclable Heterogeneous Solid Base Catalyst for the Synthesis of Flavanones, Flavonols and 1,4-Dihydropyridines in Water. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3170-3178.	4.3	55
4	Cu(II)-Hydromagnesite Catalyzed Synthesis of Tetrasubstituted Propargylamines and Pyrrolo[1,2- <i>a</i> ]quinolines via KA2, A3 Couplings and Their Decarboxylative Versions. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 3409-3419.	6.7	55
5	[TBA][Gly] ionic liquid promoted multi-component synthesis of 3-substituted indoles and indolyl-4H-chromenes. <i>Tetrahedron Letters</i> , 2015, 56, 1790-1793.	1.4	48
6	One-Pot Synthesis of Aminoindolizines and Chalcones Using Cu/CSP Nanocomposites with Anomalous Selectivity under Green Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2397-2404.	6.7	48
7	Ethylenediammonium diformate (EDDF) in PEG600: an efficient ambiphilic novel catalytic system for the one-pot synthesis of 4H-pyrans via Knoevenagel condensation. <i>RSC Advances</i> , 2013, 3, 18142.	3.6	47
8	Proline confined FAU zeolite: heterogeneous hybrid catalyst for the synthesis of spiroheterocycles via a Mannich type reaction. <i>Green Chemistry</i> , 2012, 14, 3344.	9.0	44
9	CuO/Fe <sub>2</sub> O <sub>3</sub> NPs: robust and magnetically recoverable nanocatalyst for decarboxylative A3 and KA2 coupling reactions under neat conditions. <i>Tetrahedron Letters</i> , 2016, 57, 4468-4472.	1.4	42
10	Copper NPs supported on hematite as magnetically recoverable nanocatalysts for a one-pot synthesis of aminoindolizines and pyrrolo[1,2- <i>a</i> ]quinolines. <i>RSC Advances</i> , 2016, 6, 2935-2943.	3.6	37
11	Functionalized superparamagnetic Fe <sub>3</sub> O <sub>4</sub> as an efficient quasi-homogeneous catalyst for multi-component reactions. <i>RSC Advances</i> , 2014, 4, 41323-41330.	3.6	36
12	Hierarchically Porous Sphere-Like Copper Oxide (HS-CuO) Nanocatalyzed Synthesis of Benzofuran Isomers with Anomalous Selectivity and Their Ideal Green Chemistry Metrics. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6466-6477.	6.7	35
13	Catalyst-free, ethylene glycol promoted one-pot three component synthesis of 3-amino alkylated indoles via Mannich-type reaction. <i>Tetrahedron Letters</i> , 2014, 55, 2977-2981.	1.4	30
14	Reduced Graphene Oxide Supported Copper Oxide Nanocomposites from a Renewable Copper Mineral Precursor: A Green Approach for Decarboxylative C <sup>3</sup> -H Activation of Proline Amino Acid To Afford Value-Added Synthons. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10039-10051.	6.7	26
15	Novel metronidazole-chalcone conjugates with potential to counter drug resistance in <i>Trichomonas vaginalis</i> . <i>European Journal of Medicinal Chemistry</i> , 2014, 79, 89-94.	5.5	25
16	Hydromagnesite Rectangular Thin Sheets as Efficient Heterogeneous Catalysts for the Synthesis of 3-Substituted Indoles via Yonemitsu-Type Condensation in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 1536-1543.	6.7	22
17	Development of magnesium oxide-silver hybrid nanocatalysts for synergistic carbon dioxide activation to afford esters and heterocycles at ambient pressure. <i>Green Chemistry</i> , 2020, 22, 3170-3177.	9.0	22
18	Decarboxylative Coupling Strategy To Afford <i>N</i> -Heterocycles Driven by Silica-Nanosphere-Embedded Copper Oxide (Cu@SiO <sub>2</sub> -NS). <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4672-4682.	6.7	16

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19	CuO@Fe <sub>2</sub> O <sub>3</sub> catalyzed C1-alkynylation of tetrahydroisoquinolines (THIQs) via A3 coupling and its decarboxylative strategies. <i>New Journal of Chemistry</i> , 2017, 41, 8341-8346.	2.8	16
20	Designing Synergistic Nanocatalysts for Multiple Substrate Activation: Interlattice Ag@Fe <sub>3</sub> O <sub>4</sub> Hybrid Materials for CO <sub>2</sub> -Inserted Lactones. <i>ACS Catalysis</i> , 2020, 10, 3349-3359.	11.2	11
21	Au-Cu@PANI Alloy Core Shells for Aerobic Fibrin Degradation under Visible Light Exposure. <i>ACS Applied Bio Materials</i> , 2020, 3, 7631-7638.	4.6	9
22	Magnetically recoverable Ni@CuI hybrid nanocatalysts affording spiropyrroline heterocycles from ketoximes and alkenes. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1059-1064.	2.7	6
23	Renewable RGO@CuI Nanocomposites for Redox Triggered Single Electron Transfer (SET) Reaction Under Aerobic and Anaerobic Conditions. <i>ChemCatChem</i> , 2020, 12, 3728-3736.	3.7	2
24	Translation of a Protease Turnover Assay for Clinical Discrimination of Mucinous Pancreatic Cysts. <i>Diagnostics</i> , 2022, 12, 1343.	2.6	2