

Ponnaboina Thirupathi

List of Publications by Year in descending order

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42
papers

1,682
citations

279487

23
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276539

41
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57
all docs

57
docs citations

57
times ranked

1847
citing authors

#	ARTICLE	IF	CITATIONS
1	Amberlyst-15: An efficient reusable heterogeneous catalyst for the synthesis of 1,8-dioxo-octahydroxanthenes and 1,8-dioxo-decahydroacridines. <i>Journal of Molecular Catalysis A</i> , 2006, 247, 233-239.	4.8	253
2	Selective and Sensitive Ratiometric Detection of Hg(II) Ions Using a Simple Amino Acid Based Sensor. <i>Organic Letters</i> , 2011, 13, 5028-5031.	2.4	173
3	An efficient synthesis of 1,8-dioxo-octahydroxanthenes using heterogeneous catalysts. <i>Catalysis Communications</i> , 2007, 8, 535-538.	1.6	126
4	Highly Sensitive Ratiometric Fluorescent Chemosensor for Silver Ion and Silver Nanoparticles in Aqueous Solution. <i>Organic Letters</i> , 2012, 14, 4746-4749.	2.4	97
5	Friedelâ€”Crafts Arylation Reactions of <i>N</i> -Sulfonyl Aldimines or Sulfonamidesulfones with Electron-Rich Arenes Catalyzed by FeCl ₃ ·6H ₂ O: Synthesis of Triarylmethanes and Bis-heteroarylarylmethanes. <i>Journal of Organic Chemistry</i> , 2010, 75, 5240-5249.	1.7	93
6	Pyrene Excimer-Based Peptidyl Chemosensors for the Sensitive Detection of Low Levels of Heparin in 100% Aqueous Solutions and Serum Samples. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14243-14253.	4.0	65
7	Fe(ClO ₄) ₃ ·H ₂ O-Catalyzed direct C–C bond forming reactions between secondary benzylic alcohols with different types of nucleophiles. <i>Tetrahedron</i> , 2010, 66, 2995-3003.	1.0	63
8	InBr ₃ : A Versatile Catalyst for the Different Types of Friedelâ€”Crafts Reactions. <i>Journal of Organic Chemistry</i> , 2009, 74, 7755-7761.	1.7	61
9	Highly selectively monitoring heavy and transition metal ions by a fluorescent sensor based on dipeptide. <i>Talanta</i> , 2011, 85, 1566-1574.	2.9	57
10	Convenient and facile cross-Aldol condensation catalyzed by molecular iodine: An efficient synthesis of β -bis(substituted-benzylidene) cycloalkanones. <i>Journal of Molecular Catalysis A</i> , 2006, 247, 182-185.	4.8	54
11	A highly selective and efficient acetylation of alcohols and amines with acetic anhydride using NaHSO ₄ ·SiO ₂ as a heterogeneous catalyst. <i>Journal of Molecular Catalysis A</i> , 2007, 269, 12-16.	4.8	54
12	Iodine as an Efficient Catalyst for One-Pot Multicomponent Synthesis of β -Acetamido Ketones. <i>Synlett</i> , 2006, 2006, 1756-1758.	1.0	42
13	Regioselective Arylations of β -Amido Sulfones with Electron-Rich Arenes through Friedelâ€”Crafts Alkylations Catalyzed by Ferric Chloride Hexahydrate: Synthesis of Unsymmetrical and Bis-Symmetrical Triarylmethanes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1798-1808.	1.2	38
14	(Bromodimethyl)sulfonium bromide catalyzed efficient multicomponent one-pot synthesis of homoallylic amines. <i>Tetrahedron Letters</i> , 2006, 47, 5041-5044.	0.7	35
15	Three components synthesis of homoallylic amines catalyzed by bismuth(III) nitrate pentahydrate. <i>Tetrahedron</i> , 2009, 65, 5168-5173.	1.0	35
16	Amberlyst-15: an efficient and reusable catalyst for the Friedelâ€”Crafts reactions of activated arenes and heteroarenes with β -amido sulfones. <i>Tetrahedron</i> , 2009, 65, 10383-10389.	1.0	35
17	Tris(pentafluorophenyl)borane [B(C ₆ F ₅) ₃]-catalyzed Friedelâ€”Crafts reactions of activated arenes and heteroarenes with β -amid sulfones: the synthesis of unsymmetrical triarylmethanes. <i>Tetrahedron</i> , 2011, 67, 7301-7310.	1.0	33
18	A simple, efficient and highly selective deprotection of t-butyl dimethylsilyl (TBDMS) ethers using silica supported sodium hydrogen sulfate as a heterogeneous catalyst. <i>Tetrahedron Letters</i> , 2006, 47, 5855-5857.	0.7	30

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19	An efficient catalyst-free regio- and stereoselective ring-opening of epoxides with phenoxides using polyethylene glycol as the reaction medium. <i>Tetrahedron Letters</i> , 2007, 48, 4263-4265.	0.7	25
20	Isolation, Synthesis, and Bioactivity of Homoisoflavonoids from <i>Caesalpinia pulcherrima</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 1139-1141.	0.6	25
21	A new peptidyl fluorescent chemosensors for the selective detection of mercury ions based on tetrapeptide. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7964-7970.	1.4	25
22	Ratiometric fluorescence chemosensor based on tyrosine derivatives for monitoring mercury ions in aqueous solutions. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7100-7109.	1.5	25
23	Diterpenoids from <i>Jatropha multifida</i> . <i>Phytochemistry</i> , 2008, 69, 2639-2641.	1.4	23
24	Fluorescent peptide-based sensors for the ratiometric detection of nanomolar concentration of heparin in aqueous solutions and in serum. <i>Analytica Chimica Acta</i> , 2015, 873, 88-98.	2.6	23
25	Efficient synthesis of 3-alkyl indoles through regioselective ring opening of epoxides catalyzed by sulfated zirconia. <i>Catalysis Communications</i> , 2008, 9, 635-638.	1.6	22
26	The inhibitory effect of Isoflavones isolated from <i>Caesalpinia pulcherrima</i> on aldose reductase in STZ induced diabetic rats. <i>Chemico-Biological Interactions</i> , 2015, 237, 18-24.	1.7	20
27	An Improved Synthesis of Amidoalkyl Phenols Involving a Ritter-Type Reaction. <i>Synlett</i> , 2007, 2007, 3103-3106.	1.0	19
28	Synthetic application of in situ generation of N-acyliminium ions from α -amido p-tolylsulfones for the synthesis of β -amino nitriles. <i>Tetrahedron</i> , 2010, 66, 1684-1688.	1.0	19
29	One-Pot Three-Component Synthesis of β -Amino Nitriles Catalyzed by 2,4,6-Trichloro-1,3,5-triazine (Cyanuric Acid). <i>Helvetica Chimica Acta</i> , 2007, 90, 1206-1210.	1.0	16
30	Part 148 in the Series "Studies on Novel Synthetic Methodologies": Selective Acetylation of Alcohols, Phenols and Amines and Selective Deprotection of Aromatic Acetates using Silica-Supported Phosphomolybdic Acid. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2677-2683.	2.1	14
31	Indium triflate-catalyzed allylation reactions of N-sulfonyl aldimines or N-alkoxycarbonylamino p-tolylsulfones with allyltrimethylsilane: synthesis of protected homoallylic amines. <i>Tetrahedron</i> , 2010, 66, 8623-8628.	1.0	14
32	A ratiometric fluorescent detection of Zn(II) in aqueous solutions using pyrene-appended histidine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6811-6815.	1.0	12
33	Mild and Efficient Tris(pentafluorophenyl)borane-catalyzed Sakurai Allylation of N-Benzyloxycarbonylamino p-Tolylsulfone with Allyltrimethylsilane. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 1275-1278.	1.0	9
34	PMA/SiO ₂ " An efficient recyclable heterogeneous catalyst for the synthesis of homoallyl alcohols and amines under solvent-free conditions. <i>Canadian Journal of Chemistry</i> , 2008, 86, 709-713.	0.6	8
35	An efficient direct conversion of THP ethers into acetates using Amberlyst-15. <i>Journal of Molecular Catalysis A</i> , 2006, 248, 185-188.	4.8	7
36	An improved protocol for regioselective ring opening of aziridines with tetrabutylammonium halides using ammonium-12-molybdophosphate as a catalyst. <i>Journal of Molecular Catalysis A</i> , 2006, 255, 28-30.	4.8	7

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37	PMA/SiO ₂ : An Efficient and Reusable Heterogeneous Catalyst for the Synthesis of β^2 -Acetamidocarbonyl Compounds by Multicomponent Reaction. <i>Synthetic Communications</i> , 2009, 39, 3305-3314.	1.1	7
38	Isolation and synthesis of a new chromenochalcone and a new chromene from <i>Orthosiphon glabratus</i> . <i>Journal of Asian Natural Products Research</i> , 2009, 11, 202-208.	0.7	6
39	Synthesis, Characterization, and Antimicrobial Activity of a Series of 2-(5-Phenyl-1,3,4-oxadiazol-2-yl)-N-[(1-aryl-1H-1,2,3-triazol-4-yl)methyl]anilines Using Click Chemistry. <i>Russian Journal of General Chemistry</i> , 2018, 88, 1488-1494.	0.3	6
40	Amberlyst [®] 15 as a Green and Efficient Reusable Catalyst for Friedel-Crafts Alkylation of Activated Arenes with <i>N</i> -Sulfonyl Aldimines and Synthesis of Bis-triarylmethanes. <i>ChemistrySelect</i> , 2018, 3, 9911-9915.	0.7	4
41	Dimethylsulfoxide-Promoted Strecker Reaction of <i>N</i> -Tosylaldimines with Cyanoformate. <i>Synthesis</i> , 2011, 2011, 919-923.	1.2	1
42	Regioselective Arylations of β -Amido Sulfones with Electron-Rich Arenes through Friedel-Crafts Alkylations Catalyzed by Ferric Chloride Hexahydrate: Synthesis of Unsymmetrical and Bis-Symmetrical Triarylmethanes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1809-1809.	1.2	0