Ganesh Chandra Nandi

List of Publications by Year
in descending order

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		279798	233421
46	2,065	23	45
papers	citations	h-index	g-index

65	65	65	1858
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	l-Proline: an efficient catalyst for the one-pot synthesis of 2,4,5-trisubstituted and 1,2,4,5-tetrasubstituted imidazoles. Tetrahedron, 2009, 65, 10155-10161.	1.9	251
2	An efficient one-pot synthesis of tetrahydrobenzo[a]xanthene-11-one and diazabenzo[a]anthracene-9,11-dione derivatives under solvent free condition. Tetrahedron, 2009, 65, 7129-7134.	1.9	198
3	An efficient and facile one-pot synthesis of propargylamines by three-component coupling of aldehydes, amines, and alkynes via Câ€“H activation catalyzed by NiCl2. Tetrahedron Letters, 2010, 51, 5555-5558.	1.4	135
4	Atom-efficient and environment-friendly multicomponent synthesis of amidoalkyl naphthols catalyzed by P2O5. Tetrahedron Letters, 2009, 50, 7220-7222.	1.4	131
5	Recent Advances in the A³ Coupling Reactions and their Applications. European Journal of Organic Chemistry, 2019, 2019, 2704-2720.	2.4	99
6	A facile approach for the synthesis of 14-aryl- or alkyl-14H-dibenzo[a,j]xanthenes under solvent-free condition. Tetrahedron Letters, 2010, 51, 442-445.	1.4	94
7	One-Pot Two-Component [3 + 2] Cycloaddition/Annulation Protocol for the Synthesis of Highly Functionalized Thiophene Derivatives. Journal of Organic Chemistry, 2011, 76, 8009-8014.	3.2	90
8	Biginelli and Hantzsch-Type Reactions Leading to Highly Functionalized Dihydropyrimidinone, Thiocoumarin, and Pyridopyrimidinone Frameworks via Ring Annulation with Î²-Oxodithioesters. Journal of Organic Chemistry, 2010, 75, 7785-7795.	3.2	88
9	Sulfonimidamides: Synthesis and Applications in Preparative Organic Chemistry. Advanced Synthesis and Catalysis, 2018, 360, 2976-3001.	4.3	77
10	Multicomponent one-pot solvent-free synthesis of functionalized unsymmetrical dihydro-1H-indeno[1,2-b]pyridines. Tetrahedron Letters, 2009, 50, 7096-7098.	1.4	72
11	Regioselective Synthesis of Tetrahydrothiochromen-5-ones via a One-Pot Three-Component Solvent-Free Domino Protocol. Organic Letters, 2011, 13, 3762-3765.	4.6	67
12	DABCO-Promoted three-component regioselective synthesis of functionalized chromen-5-ones and pyrano[3,2-c]chromen-5-ones via direct annulation of Î±-oxoketene-N,S-arylaminoacetals under solvent-free conditions. Green Chemistry, 2012, 14, 447.	9.0	67
13	l-Proline catalyzed synthesis of densely functionalized pyrido[2,3-d]pyrimidines via three-component one-pot domino Knoevenagel aza-Dielsâ€“Alder reaction. Tetrahedron, 2011, 67, 5935-5941.	1.9	62
14	Highly Regioselective Oneâ€Pot, Threeâ€Component Synthesis of 1â€Arylâ€3,4â€Substituted/Annulatedâ€5â€(Cycloamino)/(Alkylamino)pyrazoles from Î²â€Oxodithioesters. European Journal of Organic Chemistry, 2012, 2012, 967-974.	2.4	54
15	Î²-Oxodithioesters: a new frontier for diverse heterocyclic architectures. RSC Advances, 2013, 3, 14183.	3.6	53
16	p-TSA/Base-Promoted Propargylation/Cyclization of Î²-Ketothioamides for the Regioselective Synthesis of Highly Substituted (Hydro)thiophenes. Journal of Organic Chemistry, 2016, 81, 5824-5836.	3.2	35
17	Schmidt reaction in ionic liquids: highly efficient and selective conversion of aromatic and heteroaromatic aldehydes to nitriles with [BMIM(SO3H)][OTf] as catalyst and [BMIM][PF6] as solvent. Tetrahedron Letters, 2013, 54, 2177-2179.	1.4	34
18	Selectfluor-mediated mild oxidative halogenation and thiocyanation of 1-aryl-allenes with TMSX (X=Cl, Br, I, NCS) and NH4SCN. Tetrahedron Letters, 2014, 55, 2401-2405.	1.4	34

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19	Highly convergent one-pot four-component regioselective synthesis of 4H-benzo[f]chromenes via annulation of Î²-oxodithioesters. Tetrahedron, 2012, 68, 1247-1252.	1.9	33
20	Catalyst-Controlled Straightforward Synthesis of Highly Substituted Pyrroles/Furans via Propargylation/Cycloisomerization of Î±-Oxoketene-N,S-acetals. Journal of Organic Chemistry, 2016, 81, 11909-11915.	3.2	30
21	Cu(OAc)₂â€Catalysed Oxidative Dual Câ€“H/Nâ€“H Activation of Terminal Alkynes and Nâ€Deprotected Sulfonimidamides: An Easy Access to Nâ€Alkynylated Sulfonimidamides. European Journal of Organic Chemistry, 2015, 2015, 2861-2867.	2.4	27
22	Silica-Gelâ€“Catalyzed Efficient Synthesis of Quinoxaline Derivatives Under Solvent-Free Conditions. Synthetic Communications, 2011, 41, 417-425.	2.1	25
23	Cu(OAc)2 promoted Chanâ€“Evansâ€“Lam Câ€“N cross coupling reactions on the N- and Nâ€²-nitrogen atoms of sulfonimidamides with aryl boronic acids. Tetrahedron, 2014, 70, 5428-5433.	1.9	23
24	Applications of Carbon Dots (CDs) in Latent Fingerprints Imaging. Chemistry - an Asian Journal, 2021, 16, 1057-1072.	3.3	23
25	Mild conversion of propargylic alcohols to Î±,Î²-unsaturated enones in ionic liquids (ILs); a new â€˜metal freeâ€™ life for the Rupe rearrangement. Tetrahedron Letters, 2013, 54, 6258-6263.	1.4	19
26	Cuâ€Catalysed Mild Synthesis of Nâ€Imidoyl and Nâ€Oxoimidoyl Sulfonimidamides through the Threeâ€Component Coupling of Sulfonimidamides, Azides, and Alkynes. European Journal of Organic Chemistry, 2017, 2017, 6633-6638.	2.4	18
27	Mild and Metal-Free Protocol toward the Synthesis of Triarylmethanes by Reactions of (Hetero)Arylboronic Acids and ortho-Hydroxyarylaldehydes. Journal of Organic Chemistry, 2020, 85, 3000-3009.	3.2	18
28	An efficient Cu-catalyzed microwave-assisted synthesis of diaryl sulfones. Synthetic Communications, 2017, 47, 319-323.	2.1	17
29	CuBr/TBHP-mediated synthesis of N-acyl sulfonimidamides via the oxidative cross-coupling of sulfonimidamides and aldehydes. Organic and Biomolecular Chemistry, 2017, 15, 2234-2239.	2.8	15
30	Direct Synthesis of Nâ€Acyl Sulfonimidamides and Nâ€Sulfonimidoyl Amidines from Sulfonimidoyl Azides. Advanced Synthesis and Catalysis, 2018, 360, 2465-2469.	4.3	15
31	Recent Advances in the Preparations and Synthetic Applications of Oxaziridines and Diaziridines. Advanced Synthesis and Catalysis, 2021, 363, 1756-1781.	4.3	13
32	Y(OTf)3 catalyzed substitution dependent oxidative C(sp3)â€“C(sp3) cleavage and regioselective dehydration of Î²-allyl-Î²-hydroxydithioesters: alternate route to Î±,Î²-unsaturated ketones and functionalized dienes. Tetrahedron, 2013, 69, 8899-8903.	1.9	12
33	Organocatalyzed straightforward synthesis of highly fluorescent 3,5-disubstituted 2,6-dicyanoanilines via domino annulation of Î±-enolicdithioesters with malononitrile. RSC Advances, 2013, 3, 5345.	3.6	12
34	Ironâ€Promoted Domino Annulation of Î±â€Enolic Dithioesters with Ninhydrin under Solventâ€Free Conditions: Chemoselective Direct Access to Indeno[1,2â€b]thiophenes. European Journal of Organic Chemistry, 2014, 2014, 5501-5508.	2.4	12
35	Pd-catalyzed Câ€“N coupling of vinylbromides and sulfonimidamides: a facile synthesis of Nâ€²-vinylsulfonimidamides. RSC Advances, 2015, 5, 62084-62090.	3.6	12
36	Sulfonimidamide as a directing agent for Pd-catalyzed regioselective oxidative Câ€“H acyloxylation of arenes. Tetrahedron, 2019, 75, 130622.	1.9	12

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37	Catalystâ€Controlled Dual Reactivity of Sulfonimidamides: Synthesis of Propargylamines and Nâ€Propargyl Sulfonimidamides. Chemistry - A European Journal, 2019, 25, 743-749.	3.3	12
38	A metal-free Petasis reaction towards the synthesis of N-(Î±-substituted)alkyl sulfoximines/sulfonimidamides. Organic and Biomolecular Chemistry, 2021, 19, 7061-7065.	2.8	12
39	Advances in the Synthesis and Applications of Three Membered Sila, Silaâ€Aza/â€Phospha/â€Oxa/â€Thia Cyclopropanes. European Journal of Organic Chemistry, 2021, 2021, 587-606.	2.4	11
40	First InCl3-Catalyzed, Three-Component Coupling of Aldehydes, Î²-Naphthol, and 6-Amino-1,3-dimethyluracil to Functionalized Naphthopyranopyrimidines. Synlett, 2010, 2010, 1133-1137.	1.8	10
41	Advances in the photoredox catalysis of S(VI) compounds. Tetrahedron, 2022, 111, 132711.	1.9	10
42	An Efficient Protecting-Group-Free Synthesis of Vinylic Sulfoximines via Hornerâ€“Wadsworthâ€“Emmons Reaction. Synlett, 2016, 27, 1423-1427.	1.8	9
43	Direct Synthesis of Sulfonimidoyl Guanidines from Sulfonimidoyl Azides under Dual (Cobalt and) Tj ETQq1 1 0.784314 rgBT /Overlock 1	4.3	8
44	Electrophilic Addition of Propargylic Cations to Allenes: Formation of Crowded Chloroâ€and Azidoâ€Enynes by Trapping of the Resulting Allylic Cations with TMSX (X = Cl, N₃): A Synthetic and Computational Study. European Journal of Organic Chemistry, 2013, 2013, 5455-5463.	2.4	7
45	Sulfonimidoyl Azide: A Novel Precursor for the Direct and Rapid Access to Nâ€Aryl Sulfonimidamides via Cuâ€Catalyzed Chanâ€Evansâ€Lam Reaction with Boronic Acids under Mild And Efficient Condition. ChemistrySelect, 2019, 4, 14004-14006.	1.5	5
46	Design and Synthesis of Triphenylamine Based Cyano Stilbenes for Picric Acid Sensing and Two Photon Absorption Applications. ChemistrySelect, 2021, 6, 12300-12308.	1.5	4