

Vijay Nair

List of Publications by Year in descending order

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11,000
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41258

49
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33814

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228
all docs

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docs citations

228
times ranked

5538
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleophile-initiated Catalytic and Multicomponent Reactions. <i>Chemical Record</i> , 2019, 19, 347-361.	2.9	10
2	Facile Diastereoselective Synthesis of Highly Substituted Alkyleneoxetanes from 3-Alkyl Allenates and Diaryl 1,2-Diones/Ketoamides Mediated by DBU. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1557-1561.	1.2	8
3	An uncommon multicomponent reaction involving nucleophilic heterocyclic carbenes: facile synthesis of fully substituted cyclopentanones. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1202-1208.	2.3	5
4	Gilbert Stork: Organic Chemist and Teacher (1921-2017). <i>Resonance</i> , 2018, 23, 1327-1332.	0.2	0
5	Recent topics of radical-based carbon-carbon bond formations. <i>Tetrahedron Letters</i> , 2018, 59, 2767-2777.	0.7	9
6	NHC-Mediated Synthesis of Pyrrolo[2,1- <i>b</i>]isoquinolines and Their Photophysical Investigations. <i>Chemistry - an Asian Journal</i> , 2017, 12, 623-627.	1.7	26
7	Synthesis of Cyclopentachromans by <i>N</i> -Heterocyclic Carbene-Mediated Homoene Annulation of Chroman-3-ones. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 778-785.	1.3	7
8	Sequential <i>N</i> -Heterocyclic Carbene-Catalyzed Reactions of Enals and Cyclic Aryldiene-1,3-Diones: Synthesis of Tricyclic Chromenones and Related Compounds. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 1447-1451.	1.3	3
9	Phosphine-mediated reaction of 3-methyl allenolate and isatins: a protocol for the synthesis of spirofuran oxindoles. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3589-3592.	1.5	17
10	Recent advances in employing homoenolates generated by <i>N</i> -heterocyclic carbene (NHC) catalysis in carbon-carbon bond-forming reactions. <i>Chemical Society Reviews</i> , 2015, 44, 5040-5052.	18.7	481
11	Expedient synthesis of tricyclic benzopyran-2-ones via <i>N</i> -Heterocyclic carbene catalyzed annulation of enals to β -methylene cycloalkanones. <i>Tetrahedron</i> , 2015, 71, 9022-9027.	1.0	9
12	<i>N</i> -Heterocyclic Carbene Catalyzed Annulation of Enals to Aurone Analogs: Synthesis of Cyclopentene-Fused Spirobenzofuran-3-ones. <i>Organic Letters</i> , 2014, 16, 6374-6377.	2.4	32
13	1,4-Dipolar cycloadditions and related reactions. <i>Tetrahedron</i> , 2014, 70, 3085-3105.	1.0	64
14	A Novel Intramolecular Homoene Annulation Leading to the Formation of Cyclopentene-Fused Macrocycles. <i>Organic Letters</i> , 2014, 16, 5532-5535.	2.4	15
15	A phosphine-mediated reaction of cyclic 1,2-diones and 3-alkyl allenates: an efficient protocol for benzannulation applicable to the synthesis of polycyclic aromatic hydrocarbons. <i>Chemical Communications</i> , 2014, 50, 4616.	2.2	38
16	<i>N</i> -Heterocyclic Carbene Catalyzed Reaction of Cinnamils Leading to the Formation of 2,3,8-Triaryl Vinyl Fulvenes: An Uncommon Transformation. <i>Organic Letters</i> , 2013, 15, 6230-6233.	2.4	21
17	NHC-catalysed annulation of enals to ene-1,4-diones: stereoselective synthesis of 1,3-diaryl-4-acyl cyclopentenones. <i>Tetrahedron Letters</i> , 2013, 54, 2046-2049.	0.7	10
18	Phosphine-Mediated Reaction of 3-Alkyl Allenates and Diaryl 1,2-Diones: Efficient Diastereoselective Synthesis of Fully Substituted Cyclopentenones. <i>Organic Letters</i> , 2013, 15, 1858-1861.	2.4	32

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19	A Cascade Reaction Actuated by Nucleophilic Heterocyclic Carbene Catalyzed Intramolecular Addition of Enals via Homo-enolate to α,β -Unsaturated Esters: Efficient Synthesis of Coumarin Derivatives. <i>Organic Letters</i> , 2013, 15, 68-71.	2.4	29
20	A facile four component protocol for the synthesis of dihydropyridine derivatives. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7747.	1.5	5
21	1,2-Benzoquinones in Diels-Alder reactions, dipolar cycloadditions, nucleophilic additions, multicomponent reactions and more. <i>Chemical Society Reviews</i> , 2012, 41, 1050-1059.	18.7	82
22	A novel NHC-catalyzed transformation of 2H-chromene-3-carboxaldehydes to 3-methyl-2H-chromen-2-ones. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5511.	1.5	21
23	Employing homo-enolates generated by NHC catalysis in carbon-carbon bond-forming reactions: state of the art. <i>Chemical Society Reviews</i> , 2011, 40, 5336.	18.7	571
24	NHC-catalyzed annulation of enals and chalcones: further explorations on the novel synthesis of 1,3,4-trisubstituted cyclopentenes. <i>Tetrahedron</i> , 2011, 67, 9885-9889.	1.0	19
25	N-Heterocyclic carbene (NHC) catalyzed annulation of enals and vinyl ketones: a novel synthesis of [2H]-pyranones. <i>Tetrahedron Letters</i> , 2011, 52, 5992-5994.	0.7	50
26	Molecule matters. <i>Resonance</i> , 2011, 16, 1266-1272.	0.2	1
27	A novel pseudo four component reaction involving homo-enolate for the synthesis of β -aminobutyric acid (GABA) derivatives. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 761.	1.5	44
28	NHC Catalyzed Transformation of Aromatic Aldehydes to Acids by Carbon Dioxide: An Unexpected Reaction. <i>Organic Letters</i> , 2010, 12, 2653-2655.	2.4	95
29	Nucleophilic heterocyclic carbene as a novel catalyst for cyclopropanation of cyano acrylates. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 901-905.	1.5	37
30	NHC-catalysed annulation of enals to tethered dienones: efficient synthesis of bicyclic dienes. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4861.	1.5	28
31	Recent advances in CAN mediated reactions in organic synthesis. <i>Tetrahedron</i> , 2009, 65, 10745-10755.	1.0	60
32	A novel multicomponent reaction involving isoquinoline, allenolate and cyanoacrylates. <i>Tetrahedron Letters</i> , 2009, 50, 3716-3718.	0.7	19
33	Novel Nucleophilic Heterocyclic Carbene Mediated Stereoselective Conjugate Addition of Enals to Nitrostyrenes via Homo-enolate. <i>Organic Letters</i> , 2009, 11, 5570-5573.	2.4	76
34	Nucleophilic Heterocyclic Carbene Catalyzed Annulation of Enals to Chalcones in Methanol: A Stereoselective Synthesis of Highly Functionalized Cyclopentanes. <i>Organic Letters</i> , 2009, 11, 2507-2510.	2.4	84
35	Molecule matters. <i>Resonance</i> , 2008, 13, 254-260.	0.2	0
36	Pyridine-Catalyzed Stereoselective Addition of Acyclic 1,2-Diones to Acetylenic Esters: Synthetic and Theoretical Studies of an Unprecedented Rearrangement. <i>Chemistry - A European Journal</i> , 2008, 14, 5851-5860.	1.7	19

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37	Construction of heterocycles via 1,4-dipolar cycloaddition of quinoline $\hat{\ominus}$ DMAD zwitterion with various dipolarophiles. <i>Tetrahedron</i> , 2008, 64, 3567-3577.	1.0	87
38	Carbon $\hat{\ominus}$ Nitrogen Bond $\hat{\ominus}$ Forming Reactions of Dialkyl Azodicarboxylate: A Promising Synthetic Strategy. <i>Chemistry - an Asian Journal</i> , 2008, 3, 810-820.	1.7	119
39	An efficient synthesis of indolo[3,2-a]carbazoles via the novel acid catalyzed reaction of indoles and diaryl-1,2-diones. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1738.	1.5	36
40	Recent advances in carbon $\hat{\ominus}$ carbon bond-forming reactions involving homoenolates generated by NHC catalysis. <i>Chemical Society Reviews</i> , 2008, 37, 2691.	18.7	605
41	Stereoselective synthesis of spirocyclopentanones via N-heterocyclic carbene-catalyzed reactions of enals and dienones. <i>Chemical Communications</i> , 2008, , 747-749.	2.2	88
42	[8+2] Cycloaddition Reactions in the Construction of Heterocycles. , 2008, , 173-200.		22
43	Reaction of Huisgen Zwitterion with Diaryl Ketones Leading to the Facile Synthesis of Mono- and Bis(alkoxycarbonyl)hydrazones. <i>Synthesis</i> , 2008, 2008, 1078-1084.	1.2	12
44	The Reaction of Huisgen Zwitterion with Diaryl-1,2-diones and Ketones: An Efficient Protocol for Carbon-Nitrogen Bond Formation. <i>Synthesis</i> , 2007, 2007, 697-704.	1.2	12
45	N-Heterocyclic Carbene Catalyzed Reaction of Enals and Diaryl-1,2 diones via Homoenate: Synthesis of 4,5,5-Trisubstituted $\hat{\beta}$ -Butyrolactones. <i>Synthesis</i> , 2007, 2007, 3195-3200.	1.2	45
46	A Novel Reaction of the $\hat{\ominus}$ Huisgen Zwitterion $\hat{\ominus}$ with Chalcones and Dienones: An Efficient Strategy for the Synthesis of Pyrazoline and Pyrazolopyridazine Derivatives. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2070-2073.	7.2	64
47	Efficient synthesis of [1,3]oxazino[2,3-a]quinoline derivatives by a novel 1,4-dipolar cycloaddition involving a quinoline $\hat{\ominus}$ DMAD zwitterion and carbonyl compounds. <i>Tetrahedron Letters</i> , 2007, 48, 3667-3670.	0.7	64
48	An efficient multicomponent protocol for the stereoselective synthesis of oxazinobenzothiazole derivatives. <i>Tetrahedron Letters</i> , 2007, 48, 4391-4393.	0.7	21
49	Reaction of TPP-azodicarboxylate zwitterions and aryl aldehydes: unprecedented synthesis of acyl carbamates. <i>Tetrahedron Letters</i> , 2007, 48, 9018-9020.	0.7	15
50	Cerium(IV) Ammonium Nitrate A Versatile Single-Electron Oxidant. <i>Chemical Reviews</i> , 2007, 107, 1862-1891.	23.0	368
51	Engaging Zwitterions in Carbon $\hat{\ominus}$ Carbon and Carbon $\hat{\ominus}$ Nitrogen Bond-Forming Reactions: $\hat{\ominus}$ A Promising Synthetic Strategy. <i>Accounts of Chemical Research</i> , 2006, 39, 520-530.	7.6	365
52	Reaction of Dimethoxycarbene $\hat{\ominus}$ DMAD Zwitterion with 1,2-Diones and Anhydrides: $\hat{\ominus}$ A Novel Synthesis of Highly Substituted Dihydrofurans and Spirodihydrofurans. <i>Journal of Organic Chemistry</i> , 2006, 71, 2313-2319.	1.7	44
53	N-Heterocyclic Carbene Catalyzed Reaction of Enals and 1,2-Dicarbonyl Compounds: $\hat{\ominus}$ Stereoselective Synthesis of Spiro $\hat{\beta}$ -Butyrolactones. <i>Organic Letters</i> , 2006, 8, 507-509.	2.4	235
54	N-Heterocyclic Carbene-Catalyzed Reaction of Chalcones and Enals via Homoenate: $\hat{\ominus}$ An Efficient Synthesis of 1,3,4-Trisubstituted Cyclopentenes. <i>Journal of the American Chemical Society</i> , 2006, 128, 8736-8737.	6.6	343

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55	Asymmetric Synthesis of Quinine: A Landmark in Organic Synthesis. <i>Natural Product Communications</i> , 2006, 1, 1934578X0600101.	0.2	1
56	Recent advances in the chemistry of triaryl- and triheteroarylmethanes. <i>Tetrahedron</i> , 2006, 62, 6731-6747.	1.0	237
57	DMAP catalyzed reaction of β -ketoesters and dimethyl acetylenedicarboxylate: efficient synthesis of polysubstituted benzenes and biaryls. <i>Tetrahedron</i> , 2006, 62, 10136-10140.	1.0	20
58	CAN-mediated stereoselective cyclization of epoxypropyl cinnamyl amines to 3,4,5-trisubstituted piperidines and supramolecular assembly of the latter aided by ethyl acetate. <i>Tetrahedron Letters</i> , 2006, 47, 705-709.	0.7	26
59	A novel reaction of vicinal tricarbonyl compounds with the isocyanide "DMAD zwitterion: formation of highly substituted furan derivatives. <i>Tetrahedron Letters</i> , 2006, 47, 2037-2039.	0.7	38
60	Stereoselective synthesis of 3,4-trans-disubstituted pyrrolidines and cyclopentanes via intramolecular radical cyclizations mediated by CAN. <i>Tetrahedron Letters</i> , 2006, 47, 2803-2806.	0.7	24
61	Gold(III) chloride promoted addition of electron-rich heteroaromatic compounds to the CC and CO bonds of enals. <i>Tetrahedron Letters</i> , 2006, 47, 2871-2873.	0.7	36
62	A novel protocol for the generation of trophothione and its trapping with electron deficient dienophiles. <i>Tetrahedron Letters</i> , 2006, 47, 9329-9331.	0.7	9
63	Novel Synthesis of Highly Functionalized Pyrazolines and Pyrazoles by Triphenylphosphine-Mediated Reaction of Dialkyl Azodicarboxylate with Allenic Esters. <i>Organic Letters</i> , 2006, 8, 2213-2216.	2.4	115
64	CAN-Mediated Oxidative Addition of 1,3-Dicarbonyl Compounds to Methylene cyclopropanes: A Facile Synthesis of Spirocyclopropyl Dihydrofurans. <i>Synthesis</i> , 2006, 2006, 2335-2338.	1.2	18
65	A Convenient Synthesis of 2,2-Diarylcyclobutanones by Cerium(IV) Ammonium Nitrate (CAN) Mediated Oxidation of Methylene cyclopropanes (MCPs). <i>Synthesis</i> , 2006, 2006, 2531-2534.	1.2	23
66	A Novel Three-Component Reaction of Triphenylphosphine, DMAD, and Electron-Deficient Styrenes: Facile Synthesis of Cyclopentenyl Phosphoranes. <i>Synthesis</i> , 2006, 2006, 1443-1446.	1.2	36
67	An N-Heterocyclic Carbene-Catalyzed [8 + 3] Annulation of Troponone and Enals via Homo enolate. <i>Journal of Organic Chemistry</i> , 2006, 71, 8964-8965.	1.7	91
68	The multicomponent reaction of dimethoxycarbene, dimethyl butynedioate and electrophilic styrenes: an unprecedented synthesis of highly substituted cyclopentenone acetals. <i>Tetrahedron Letters</i> , 2005, 46, 201-203.	0.7	28
69	One-pot, four-component reaction of isocyanides, dimethyl acetylenedicarboxylate, and cyclobutene-1,2-diones: a synthesis of novel spiroheterocycles. <i>Tetrahedron Letters</i> , 2005, 46, 1337-1339.	0.7	32
70	Cycloadditions of 8,8-dicyanoheptafulvene to styrenes: manifestation of dual reactivity modes. <i>Tetrahedron Letters</i> , 2005, 46, 2307-2309.	0.7	7
71	A convenient protocol for C-H oxidation mediated by an azido radical culminating in Ritter-type amidation. <i>Tetrahedron Letters</i> , 2005, 46, 3217-3219.	0.7	27
72	The Huisgen 1,4-dipolar cycloaddition involving isoquinoline, dimethyl butynedioate and activated styrenes: a facile synthesis of tetrahydrobenzoquinolizine derivatives. <i>Tetrahedron Letters</i> , 2005, 46, 5333-5335.	0.7	46

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73	The three component reaction involving isocyanides, dimethyl acetylenedicarboxylate and quinoneimides: a facile synthesis of spirofused β -iminolactams. <i>Tetrahedron</i> , 2005, 61, 5843-5848.	1.0	13
74	Electrophilic substitution reactions of trisheteroarylmethanes: an efficient strategy to develop novel synthons for organic synthesis. <i>Tetrahedron</i> , 2005, 61, 9533-9540.	1.0	20
75	Reaction of Huisgen Zwitterion with 1,2-Benzoquinones and Isatins: Expedient Synthesis of Dihydro-1,2,3-benzoxadiazoles and Spirooxadiazolines. <i>Organic Letters</i> , 2005, 7, 5139-5142.	2.4	68
76	N-Heterocyclic Carbenes: Reagents, Not Just Ligands!. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1907-1907.	7.2	4
77	Lewis Acid Promoted Annulation of o-Quinonediimines by Allylstannane: A Facile Synthesis of Quinoxaline Derivatives. <i>ChemInform</i> , 2005, 36, no.	0.1	0
78	The Multicomponent Reaction of Dimethoxycarbene, Dimethyl Butynedioate and Electrophilic Styrenes: An Unprecedented Synthesis of Highly Substituted Cyclopentenone Acetals. <i>ChemInform</i> , 2005, 36, no.	0.1	0
79	One-Pot, Four-Component Reaction of Isocyanides, Dimethyl Acetylenedicarboxylate, and Cyclobutene-1,2-diones: A Synthesis of Novel Spiroheterocycles. <i>ChemInform</i> , 2005, 36, no.	0.1	0
80	A Stereoselective Synthesis of Spiro-Dioxolanes via the Multicomponent Reaction of Dicarbomethoxycarbene, Aldehydes and 1,2- or 1,4-Diones. <i>ChemInform</i> , 2005, 36, no.	0.1	0
81	A Convenient Protocol for $C\alpha$ -H Oxidation Mediated by an Azido Radical Culminating in Ritter-Type Amidation. <i>ChemInform</i> , 2005, 36, no.	0.1	0
82	Reaction of Diaryl-1,2-diones with Triphenylphosphine and Diethyl Azodicarboxylate Leading to N,N-Dicarboethoxy Monohydrazones via a Novel Rearrangement. <i>ChemInform</i> , 2005, 36, no.	0.1	1
83	Two Unprecedented Multicomponent Reactions Involving N-Heterocyclic Carbenes, Activated Acetylenes, and Aldehydes. <i>ChemInform</i> , 2005, 36, no.	0.1	0
84	A stereoselective synthesis of spiro-dioxolanes via the multicomponent reaction of dicarbomethoxycarbene, aldehydes and 1,2- or 1,4-diones. <i>Tetrahedron</i> , 2005, 61, 2849-2856.	1.0	34
85	Recent Developments in the Chemistry of Quinoneimides. <i>Synlett</i> , 2005, 2005, 2407-2419.	1.0	25
86	Two Unprecedented Multicomponent Reactions Involving N-Heterocyclic Carbenes, Activated Acetylenes, and Aldehydes. <i>Organic Letters</i> , 2005, 7, 2297-2300.	2.4	76
87	Engaging the Pyridine-DMAD Zwitterion in a Novel Strategy for the Selective Synthesis of Highly Substituted Benzene and Cyclopentenedione Derivatives. <i>Organic Letters</i> , 2005, 7, 4625-4628.	2.4	27
88	Pyridine-Catalyzed Addition of Diaryl-1,2-diones to Dimethyl Butynedioate Leading to the Formation of 1,2-Diaroyl Dimethyl Maleates via an Unprecedented Rearrangement. <i>Organic Letters</i> , 2005, 7, 1189-1191.	2.4	42
89	Reaction of Diaryl-1,2-diones with Triphenylphosphine and Diethyl Azodicarboxylate Leading to N,N-Dicarboethoxy Monohydrazones via a Novel Rearrangement. <i>Organic Letters</i> , 2005, 7, 2121-2123.	2.4	47
90	Practical Synthesis of Triaryl- and Triheteroarylmethanes by Reaction of Aldehydes and Activated Arenes Promoted by Gold(III) Chloride. <i>Organic Letters</i> , 2005, 7, 5857-5859.	2.4	156

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91	Recent Advances in Synthetic Transformations Mediated by Cerium(IV) Ammonium Nitrate. <i>Accounts of Chemical Research</i> , 2004, 37, 21-30.	7.6	226
92	N-Heterocyclic Carbenes: Reagents, Not Just Ligands!. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5130-5135.	7.2	372
93	Strategies for Heterocyclic Construction via Novel Multicomponent Reactions Based on Isocyanides and Nucleophilic Carbenes. <i>ChemInform</i> , 2004, 35, no.	0.1	0
94	Indium- and Gallium-Mediated Carbon-Carbon Bond-Forming Reactions in Organic Synthesis. <i>ChemInform</i> , 2004, 35, no.	0.1	0
95	The Three-Component Reaction of Dicarbomethoxycarbene, Aldehydes, and β -Nitrostyrenes: A Stereoselective Synthesis of Substituted Tetrahydrofurans.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
96	A Novel Multicomponent Reaction Involving Isocyanide, Dimethyl Acetylenedicarboxylate (DMAD), and Electrophilic Styrenes: Facile Synthesis of Highly Substituted Cyclopentadienes.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
97	N-Heterocyclic Carbenes: Reagents, Not Just Ligands!. <i>ChemInform</i> , 2004, 35, no.	0.1	0
98	CAN mediated cyclization of epoxypropyl cinnamyl ethers: a facile stereoselective synthesis of tetrahydropyran derivatives. <i>Tetrahedron Letters</i> , 2004, 45, 2413-2416.	0.7	20
99	Novel pyridine catalysed reactions of dimethyl acetylenedicarboxylate (DMAD) and arylmethylidenemalononitriles: a stereoselective synthesis of highly substituted buta-1,3-dienes. <i>Tetrahedron Letters</i> , 2004, 45, 3203-3205.	0.7	21
100	Indium- and gallium-mediated carbon-carbon bond-forming reactions in organic synthesis. <i>Tetrahedron</i> , 2004, 60, 1959-1982.	1.0	218
101	Lewis Acid-Promoted Annulation of o-Quinonediimines by Allylstannane: A Facile Synthesis of Quinoxaline Derivatives. <i>Organic Letters</i> , 2004, 6, 4743-4745.	2.4	30
102	Serendipitous Synthesis of 1,1-Bisfuryl-1-[5-(tri-2-furylmethyl)]furylmethane by the Reaction of Tri-2-furylmethane with n-Butyllithium. <i>Organic Letters</i> , 2004, 6, 3513-3515.	2.4	8
103	The Three-Component Reaction of Dicarbomethoxycarbene, Aldehydes, and β -Nitrostyrenes: A Stereoselective Synthesis of Substituted Tetrahydrofurans. <i>Journal of Organic Chemistry</i> , 2004, 69, 1413-1414.	1.7	47
104	A Novel Multicomponent Reaction Involving Isocyanide, Dimethyl Acetylenedicarboxylate (DMAD), and Electrophilic Styrenes: Facile Synthesis of Highly Substituted Cyclopentadienes. <i>Organic Letters</i> , 2004, 6, 767-769.	2.4	72
105	Strategies for Heterocyclic Construction via Novel Multicomponent Reactions Based on Isocyanides and Nucleophilic Carbenes. <i>Accounts of Chemical Research</i> , 2003, 36, 899-907.	7.6	772
106	Multicomponent reactions involving zwitterionic intermediates for the construction of heterocyclic systems: one pot synthesis of aminofurans and iminolactones. <i>Tetrahedron</i> , 2003, 59, 10279-10286.	1.0	113
107	A facile three-component reaction of dicarbomethoxycarbene, aldehydes and o-quinones: synthesis of novel spiro-dioxolanes. <i>Tetrahedron Letters</i> , 2003, 44, 8407-8409.	0.7	33
108	Indium/Indium Trichloride Mediated Pinacol Cross-Coupling Reaction of Aldehydes and Chalcones in Aqueous Media: A Facile Stereoselective Synthesis of Substituted But-3-ene-1,2-diols.. <i>ChemInform</i> , 2003, 34, no.	0.1	0

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109	SnCl ₄ -Catalyzed Reaction of o-Benzoquinones and Aryl Acetylenes: An Unprecedented One-Pot Synthesis of Tropone Derivatives.. ChemInform, 2003, 34, no.	0.1	0
110	The Reaction of Isoquinoline and Dimethyl Acetylenedicarboxylate with 1,2- and 1,4-Benzoquinones: A Novel Synthesis of Spiro[1,3]oxazino[2,3-a]isoquinolines.. ChemInform, 2003, 34, no.	0.1	0
111	The reaction of isoquinoline and dimethyl acetylenedicarboxylate with 1,2- and 1,4-benzoquinones: a novel synthesis of spiro[1,3]oxazino[2,3-a]isoquinolines. Tetrahedron Letters, 2003, 44, 729-732.	0.7	65
112	Cerium(IV) ammonium nitrate-mediated oxidative rearrangement of cyclobutanes and oxetanes. Tetrahedron Letters, 2003, 44, 4585-4588.	0.7	25
113	Unprecedented Reactivity of N-Heterocyclic Carbenes toward DMAD and Aldehydes Leading to Novel Multicomponent Reactions. Organic Letters, 2003, 5, 665-667.	2.4	100
114	Carbon-Heteroatom Bond-Forming Reactions Mediated by Cerium(IV) Ammonium Nitrate: An Overview. Synlett, 2003, 2003, 0156-0165.	1.0	89
115	Indium-Mediated Allylation and Propargylation of Isatins: A Facile Synthesis of 3-Substituted 3-Hydroxyoxindoles. Synthesis, 2003, 2003, 2542-2546.	1.2	33
116	Novel Pyridine-Catalyzed Reaction of Dimethyl Acetylenedicarboxylate with Aldehydes and N-Tosylimines: Efficient Synthesis of 2-Benzoylfumarates and 1-Azadienes. Synthesis, 2003, 2003, 1895-1902.	1.2	58
117	Novel Dipolar Cycloaddition Reactions of Zwitterionic Species Generated from Dimethoxycarbene and Dimethyl Acetylenedicarboxylate with Carbonyl Compounds: Facile Synthesis of Dihydrofuran Derivatives. Synthesis, 2003, 2003, 1446-1456.	1.2	20
118	Lewis Acid Promoted Annulation of p-Quinoneimines by Allylsilanes: A Facile Entry into Benzofused Heterocycles. Organic Letters, 2002, 4, 953-955.	2.4	37
119	Novel Pyridine-Catalyzed Reaction of Dimethyl Acetylenedicarboxylate with Aldehydes: Formal [2 + 2] Cycloaddition Leading to 2-Oxo-3-benzylidenesuccinates. Organic Letters, 2002, 4, 2807-2807.	2.4	15
120	SnCl ₄ -Catalyzed Reaction of o-Benzoquinones and Aryl Acetylenes: An Unprecedented One-Pot Synthesis of Tropone Derivatives. Journal of Organic Chemistry, 2002, 67, 7533-7536.	1.7	16
121	A Novel Approach to the Synthesis of Bicyclic Lactones via an Interrupted Nazarov Reaction of gem-Divinyl Dihydrofurans. Organic Letters, 2002, 4, 2821-2823.	2.4	41
122	A Novel Three-Component Reaction for the Diastereoselective Synthesis of 2H-Pyrimido[2,1-a]isoquinolines via 1,4-Dipolar Cycloaddition. Organic Letters, 2002, 4, 3575-3577.	2.4	66
123	A CAN-Induced Cyclodimerization-Ritter Trapping Strategy for the One-Pot Synthesis of 1-Amino-4-aryltetralins from Styrenes. Organic Letters, 2002, 4, 1575-1577.	2.4	47
124	A Facile CAN-Mediated Synthesis of Selenocyanates from Arylalkenes and Heteroarenes. European Journal of Organic Chemistry, 2002, 2002, 2363.	1.2	42
125	1,3-Dipolar cycloaddition reactions of carbonyl ylides with 1,2-diones: synthesis of novel spiro oxabicycles. Tetrahedron, 2002, 58, 4171-4177.	1.0	17
126	Diisopropylaminoisocyanide and DMAD in multiple component reactions (MCRs): novel synthesis of substituted 1-amino-3-pyrrolin-2-ones by reaction with aldehydes and dicarbonyl compounds. Tetrahedron, 2002, 58, 8113-8118.	1.0	19

#	ARTICLE	IF	CITATIONS
127	Formal dipolar cycloaddition of allylsilanes to o-quinonoid compounds: a convenient route to benzofused and spirofused heterocycles. <i>Tetrahedron Letters</i> , 2002, 43, 5349-5351.	0.7	25
128	Indium/indium trichloride mediated pinacol cross-coupling reaction of aldehydes and chalcones in aqueous media: a facile stereoselective synthesis of substituted but-3-ene-1,2-diols. <i>Tetrahedron Letters</i> , 2002, 43, 8967-8969.	0.7	22
129	A novel CAN-mediated oxidative rearrangement of monoterpenes. <i>Tetrahedron Letters</i> , 2002, 43, 8971-8974.	0.7	10
130	An Efficient Multicomponent Reaction Involving the Interception of the Zwitterionic Intermediate between DMAD and Isocyanides with Some Active Methylene Compounds. <i>Heterocycles</i> , 2002, 58, 147.	0.4	37
131	Novel Pyridine-Catalyzed Reaction of Dimethyl Acetylenedicarboxylate with Aldehydes: Formal [2 + 2] Cycloaddition Leading to 2-Oxo-3-benzylidinesuccinates. <i>Organic Letters</i> , 2001, 3, 3495-3497.	2.4	50
132	Oxidative cyclisation of cinnamyl ethers mediated by CAN: a stereoselective synthesis of 3,4-trans disubstituted tetrahydrofuran derivatives. <i>Chemical Communications</i> , 2001, , 1682-1683.	2.2	20
133	A Novel Synthesis of 2-Aminopyrroles Using a Three-Component Reaction. <i>Journal of Organic Chemistry</i> , 2001, 66, 4427-4429.	1.7	178
134	Aminoisocyanides in Multicomponent Reactions (MCRs): A Facile Synthesis of Substituted 3(5H)-Pyrrolin-2-ones via a Dimroth-type Rearrangement. <i>Chemistry Letters</i> , 2001, 30, 738-739.	0.7	12
135	An efficient one-pot synthesis of vinyl sulphones via CAN mediated reaction of aryl sulphinates and alkenes. <i>Tetrahedron Letters</i> , 2001, 42, 6763-6765.	0.7	82
136	An efficient bromination of alkenes using cerium(IV) ammonium nitrate (CAN) and potassium bromide. <i>Tetrahedron</i> , 2001, 57, 7417-7422.	1.0	93
137	Novel reactions of indium reagents with 1,2-diones: a facile synthesis of $\hat{\pm}$ -hydroxy ketones. <i>Tetrahedron</i> , 2001, 57, 9453-9459.	1.0	45
138	A novel multicomponent reaction of dimethoxycarbene and DMAD with aldehydes and quinones: facile synthesis of dihydrofuran derivatives. <i>Tetrahedron Letters</i> , 2001, 42, 2043-2044.	0.7	32
139	Dipolar cycloaddition of carbonyl ylides to para-quinoneimides: a facile route to bicyclo[3.2.1] and [2.2.1] systems. <i>Tetrahedron Letters</i> , 2001, 42, 2045-2046.	0.7	19
140	CAN Mediated oxidative addition of 2-hydroxynaphthoquinone to dienes: a facile synthesis of naphthofurandiones. <i>Tetrahedron</i> , 2001, 57, 7705-7710.	1.0	42
141	Novel Cerium(IV) Ammonium Nitrate Mediated Transformation of Styrenes to $\hat{\pm}$ -Methoxy Acetophenones. <i>Chemistry Letters</i> , 2000, 29, 584-585.	0.7	10
142	Cerium(IV) Ammonium Nitrate Induced Dimerization of Methoxystyrenes. <i>Tetrahedron</i> , 2000, 56, 2461-2467.	1.0	24
143	A novel 3-component reaction of sarcosine and 1,2-diones. <i>Tetrahedron Letters</i> , 2000, 41, 6217-6221.	0.7	24
144	The reaction of cyclohexyl isocyanide and dimethyl acetylenedicarboxylate with o- and p-quinones: a novel synthesis of iminolactones. <i>Tetrahedron Letters</i> , 2000, 41, 6675-6679.	0.7	71

#	ARTICLE	IF	CITATIONS
145	Indium mediated Barbier reactions of 1,2-diones: a facile synthesis of α -hydroxy ketones. <i>Tetrahedron Letters</i> , 2000, 41, 1091-1094.	0.7	33
146	Cerium(IV) Ammonium Nitrate Mediated Addition of Thiocyanate and Azide to Styrenes: Expeditious Routes to Phenacyl Thiocyanates and Phenacyl Azides. <i>Tetrahedron</i> , 2000, 56, 7607-7611.	1.0	48
147	A novel synthesis of α -azidocinnamates, α -azido- α,β -unsaturated ketones and α -azidostyrenes mediated by cerium(IV) ammonium nitrate. <i>Tetrahedron Letters</i> , 2000, 41, 3199-3201.	0.7	51
148	Cerium(IV) ammonium nitrate mediated thiocyanation of dienes: Some interesting observations. <i>Research on Chemical Intermediates</i> , 2000, 26, 923-929.	1.3	6
149	Triphenylphosphane-Mediated Addition of Dimethyl Acetylenedicarboxylate to 1,2- and 1,4-Benzoquinones: Synthesis of Novel β -Spirolactones. <i>Synthesis</i> , 2000, 2000, 1713-1718.	1.2	40
150	[4+2]Cycloaddition Reactions of o-Benzoquinones with Styrenes: A Facile Synthesis of Bicyclo[2.2.2]octenediones. <i>Synthesis</i> , 2000, 2000, 850-856.	1.2	19
151	The reaction of cyclohexyl isocyanide and dimethyl acetylenedicarboxylate with aldehydes: a novel synthesis of 2-aminofuran derivatives. <i>Chemical Communications</i> , 2000, , 1019-1020.	2.2	86
152	A direct synthesis of aryl thiocyanates using cerium(IV) ammonium nitrate. <i>Tetrahedron Letters</i> , 1999, 40, 1195-1196.	0.7	113
153	Hetero Diels-Alder reaction of o-benzoquinones with tetracyclone: An efficient synthesis of benzodioxinone derivatives. <i>Tetrahedron</i> , 1999, 55, 11017-11026.	1.0	22
154	1,3-Dipolar cycloaddition reactions of nitrile-N-oxides with o-benzoquinones. <i>Tetrahedron</i> , 1999, 55, 14199-14210.	1.0	38
155	CAN mediated fragmentation of 1-phenylcycloalkenes: Synthesis of monoacetals of 1,n-dicarbonyl compounds. <i>Tetrahedron Letters</i> , 1999, 40, 563-564.	0.7	10
156	A Facile CAN-Mediated Transformation of Acetoacetamides to Oxamates. <i>Journal of Organic Chemistry</i> , 1999, 64, 6898-6900.	1.7	15
157	Cerium(IV) mediated oxygenation of dialkyl malonates: A novel synthesis of tartronic acid derivatives. <i>Tetrahedron Letters</i> , 1998, 39, 2801-2804.	0.7	24
158	A very efficient cerium (IV) ammonium nitrate (CAN) mediated thiocyanation of aralkenes: Formation of dithiocyanates. <i>Tetrahedron Letters</i> , 1998, 39, 4585-4586.	0.7	50
159	Cycloaddition Reactions of Heptafulvenes: An Overview. <i>Synlett</i> , 1998, 1998, 950-957.	1.0	19
160	Carbon-carbon bond forming reactions mediated by cerium(IV) reagents. <i>Chemical Society Reviews</i> , 1997, 26, 127-132.	18.7	186
161	Oxidative Addition of Dimethyl Malonate to Styrenes Mediated by Cerium(IV) Ammonium Nitrate: Some Novel Observations. <i>Synthetic Communications</i> , 1997, 27, 3053-3064.	1.1	13
162	Triphenylphosphine promoted addition of dimethyl acetylenedicarboxylate to 1,2-benzoquinones: facile synthesis of novel β -spirolactones. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 3129-3130.	0.9	46

#	ARTICLE	IF	CITATIONS
163	Cycloaddition reactions of 3-ethoxycarbonyl-2H-cyclohepta[b]furan-2-one with 6,6-dialkyl, cycloalkyl and diaryl pentafulvenes. <i>Tetrahedron</i> , 1997, 53, 15903-15910.	1.0	23
164	Diels-Alder reactions of a 6-arenyl fulvene with dienes and dienophiles and related chemistry. <i>Tetrahedron</i> , 1997, 53, 17361-17372.	1.0	15
165	Novel Cerium(IV) ammonium nitrate induced dimerization of methoxystyrenes. <i>Tetrahedron Letters</i> , 1997, 38, 2191-2194.	0.7	26
166	Hetero Diels-Alder Reaction of o-Benzoquinones with 2,5-Dimethylpyrrole: Synthesis of Novel Benzodioxins. <i>Synthetic Communications</i> , 1996, 26, 217-224.	1.1	11
167	Diels-Alder reactions of o-benzoquinones with acyclic dienes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996, , 443-447.	0.9	27
168	Oxidative addition of 1,3-dicarbonyl compounds to alkenes mediated by cerium(IV) ammonium nitrate and manganese(III) acetate: a comparative study. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996, , 1487.	0.9	55
169	Photolytic double decarbonylation route to highly substituted indenenes and benzene derivatives. <i>Tetrahedron</i> , 1996, 52, 2481-2488.	1.0	24
170	Borontrifluoride-etherate induced rearrangement of bicyclo[2.2.2]octene-7,8-diones: An efficient synthesis of bicyclo[3.2.1]octene-2,8-diones. <i>Tetrahedron Letters</i> , 1996, 37, 8271-8272.	0.7	10
171	[4+2]Cycloaddition reactions of o-benzoquinones with symmetrical 6,6-dialkyl and cycloalkylfulvenes: Formation of bicyclo[2.2.2]octene diones and cyclopenta[b][1,4]benzodioxins. Some novel observations. <i>Tetrahedron</i> , 1996, 52, 4029-4040.	1.0	37
172	Cerium(IV) Ammonium Nitrate Mediated Addition of 1,3-Dicarbonyl Compounds to Dienes. <i>Synthetic Communications</i> , 1996, 26, 4531-4538.	1.1	26
173	Recent Developments in the Cycloaddition Reactions of o-Benzoquinones. <i>Synlett</i> , 1996, 1996, 1143-1147.	1.0	55
174	Diels-alder reactions of o-benzoquinones with 6-substituted fulvenes: Facile synthesis of 1-aryl and 1,1-diarylmethylene-4,7-ethanoindene-8,9-diones 1. <i>Tetrahedron</i> , 1995, 51, 9155-9166.	1.0	38
175	Synthesis of Spiroannulated Dihydrofurans by Cerium(IV) Ammonium Nitrate Mediated Addition Of 1,3-Dicarbonyl Compounds to Exocyclic Alkenes. <i>Synthetic Communications</i> , 1995, 25, 3981-3991.	1.1	30
176	Synthesis of a Novel bis-Gluco-crown Ether Derivative. <i>Synthetic Communications</i> , 1995, 25, 3777-3787.	1.1	9
177	Cerium(IV) ammonium nitrate mediated addition of dimethyl malonate to styrene: a remarkable reaction. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 1881.	0.9	31
178	Facile synthesis of dihydrofurans by the cerium(IV) ammonium nitrate mediated oxidative addition of 1,3-dicarbonyl compounds to cyclic and acyclic alkenes. Relative superiority over the manganese(III) acetate mediated process. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 187.	0.9	56
179	Hetero Diels-Alder reactions of 3,5-di-tert-butyl-o-benzoquinone with acyclic dienes: novel synthesis of 1,4-benzodioxines. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1341-1342.	2.0	27