

Daniele Nanni

List of Publications by Year in descending order

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docs citations

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2408
citing authors

#	ARTICLE	IF	CITATIONS
1	A Cu(II)-MOF based on a propargyl carbamate-functionalized isophthalate ligand. RSC Advances, 2021, 11, 20429-20438.	3.6	5
2	Nanocellulose from Cotton Waste and Its Glycidyl Methacrylate Grafting and Allylation: Synthesis, Characterization and Adsorption Properties. Nanomaterials, 2021, 11, 476.	4.1	5
3	A Cu(II)-MOF Based on a Propargyl Carbamate-Functionalized Isophthalate Ligand as Nitrite Electrochemical Sensor. Sensors, 2021, 21, 4922.	3.8	6
4	Cyclopentadienone- π -NHC iron(0) complexes as low valent electrocatalysts for water oxidation. Catalysis Science and Technology, 2021, 11, 1407-1418.	4.1	4
5	Gold nanoparticles supported on functionalized silica as catalysts for alkyne hydroamination: A chemico-physical insight. Applied Surface Science, 2019, 492, 45-54.	6.1	15
6	Structure, morphology and magnetic properties of Au/Fe ₃ O ₄ nanocomposites fabricated by a soft aqueous route. Ceramics International, 2019, 45, 449-456.	4.8	9
7	Gold nanoparticles as markers for fluorinated surfaces containing embedded amide groups. Applied Surface Science, 2018, 440, 1235-1243.	6.1	0
8	Supported Gold Nanoparticles for Alcohols Oxidation in Continuous-Flow Heterogeneous Systems. ACS Sustainable Chemistry and Engineering, 2017, 5, 4746-4756.	6.7	35
9	Functionalization of silica through thiol-yne radical chemistry: a catalytic system based on gold nanoparticles supported on amino-sulfide-branched silica. RSC Advances, 2016, 6, 25780-25788.	3.6	8
10	Speciation of Gold Nanoparticles by Ex Situ Extended X-ray Absorption Fine Structure and X-ray Absorption Near Edge Structure. Analytical Chemistry, 2016, 88, 6873-6880.	6.5	9
11	Novel Synthesis of Gold Nanoparticles Supported on Alkyne-Functionalized Nanosilica. Journal of Physical Chemistry C, 2014, 118, 24538-24547.	3.1	14
12	Gas-phase generation and cyclisation reactions of imidoyl radicals. Organic and Biomolecular Chemistry, 2012, 10, 623-630.	2.8	5
13	Straightforward Synthesis of Gold Nanoparticles Supported on Commercial Silica-Polyethyleneimine Beads. Journal of Physical Chemistry C, 2012, 116, 25434-25443.	3.1	32
14	Thiol-yne coupling: revisiting old concepts as a breakthrough for up-to-date applications. Organic and Biomolecular Chemistry, 2012, 10, 3791.	2.8	120
15	An Insight into the Radical Thiol/Yne Coupling: The Emergence of Arylalkyne-Tagged Sugars for the Direct Photoinduced Glycosylation of Cysteine-Containing Peptides. Journal of Organic Chemistry, 2011, 76, 450-459.	3.2	68
16	Improved Radical Approach to Unsubstituted Indole-2-one and Dihydroquinolinone Compounds Bearing Spirocyclic Cyclohexanone/Cyclohexadienone Rings. Advanced Synthesis and Catalysis, 2010, 352, 2275-2280.	4.3	24
17	EPR and pulsed ENDOR study of intermediates from reactions of aromatic azides with group 13 metal trichlorides. Beilstein Journal of Organic Chemistry, 2010, 6, 713-725.	2.2	1
18	EPR and ENDOR spectroscopic study of the reactions of aromatic azides with gallium trichloride. Organic and Biomolecular Chemistry, 2010, 8, 5097.	2.8	8

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19	Radical allylations by reaction of azides with allylindium dichloride. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3444.	2.8	10
20	From Azides to Nitrogen-Centered Radicals: Applications of Azide Radical Chemistry to Organic Synthesis. <i>Chemistry - A European Journal</i> , 2009, 15, 7830-7840.	3.3	179
21	Radical Additions of Thiols to Alkenes and Alkynes in Ionic Liquids. <i>Current Organic Chemistry</i> , 2009, 13, 1726-1732.	1.6	16
22	Approach to Spirocyclohexadienimines and Corresponding Dienones through Radical Cyclization onto Aromatic Azides. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9439-9442.	13.8	70
23	Iminyl Radicals from α -Azido α -Iodoanilides via 1,5-H Transfer Reactions of Aryl Radicals: New Transformation of α -Azido Acids to Decarboxylated Nitriles. <i>Journal of Organic Chemistry</i> , 2008, 73, 4721-4724.	3.2	60
24	Tin-Free Generation of Alkyl Radicals from Alkyl 4-Pentynyl Sulfides via Homolytic Substitution at the Sulfur Atom. <i>Organic Letters</i> , 2008, 10, 1127-1130.	4.6	35
25	Experimental Validation of a CFD Model to Predict Performance of a Motorbike Silencer. , 2008, , .		1
26	Imidoyl Radicals in Organic Synthesis. <i>Current Organic Chemistry</i> , 2007, 11, 1366-1384.	1.6	45
27	Fluid Dynamic Analysis of Ducati 999 Heat Exchangers by Means of Numerical and Experimental Methodologies. , 2007, , .		0
28	1D/3D Comparison of Flow Field Simulations Inside an Exhaust-Type Duct. , 2007, , .		1
29	Reaction of Azides with Dichloroindium Hydride: Very Mild Production of Amines and Pyrrolidin-2-imines through Possible Indium-Aminyl Radicals. <i>Organic Letters</i> , 2006, 8, 2499-2502.	4.6	79
30	Radical Reduction of Aromatic Azides to Amines with Tributylgermanium Hydride. <i>Journal of Organic Chemistry</i> , 2006, 71, 434-437.	3.2	30
31	Generation and Cyclization of Unsaturated Carbamoyl Radicals Derived from S-4-Pentynyl Carbamothioates under Tin-Free Conditions. <i>Journal of Organic Chemistry</i> , 2006, 71, 3192-3197.	3.2	45
32	Conformational Behavior of Tris(pentafluorophenyl)borane-Benzotriazole Adducts. <i>Organometallics</i> , 2006, 25, 2166-2172.	2.3	13
33	Radical Reduction of Aromatic Azides to Amines with Triethylsilane. <i>Journal of Organic Chemistry</i> , 2006, 71, 5822-5825.	3.2	68
34	Thermal Reactions of Tributyltin Hydride with α -Azido Esters: Unexpected Intervention of Tin Triazene Adducts under Both Nonradical and Radical Conditions. <i>Journal of Organic Chemistry</i> , 2005, 70, 3046-3053.	3.2	23
35	Radical Chain Reaction of Benzenethiol with Pentynylthiol Esters: Production of Aldehydes under Stannane/Silane-Free Conditions. <i>Synlett</i> , 2004, 2004, 987-990.	1.8	16
36	A Novel Tin-Free Procedure for Alkyl Radical Reactions. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3598-3601.	13.8	48

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37	Cyclizations of N-Stannylaminy Radicals onto Nitriles.. ChemInform, 2004, 35, no.	0.0	0
38	A Novel Tin-Free Procedure for Alkyl Radical Reactions.. ChemInform, 2004, 35, no.	0.0	0
39	Cyclizations of N-Stannylaminy Radicals onto Nitriles. Organic Letters, 2004, 6, 417-420.	4.6	48
40	Synthesis and Reactivity of N-Heterocycle-B(C ₆ F ₅) ₃ Complexes. 3. Generation of N-Methylpyrrol-2-yl and N-Methylindol-2-yl Borate Zwitterions with Acidic sp ³ Carbons. Organometallics, 2004, 23, 5135-5141.	2.3	46
41	Alkanethioimidoyl Radicals: Evaluation of $\hat{\text{I}}^2$ -Scission Rates and of Cyclization onto S-Alkenyl Substituents. Journal of Organic Chemistry, 2004, 69, 2056-2069.	3.2	27
42	Intramolecular Cyclization of Acyl Radicals onto the Azido Group: A New Radical Approach to Cyclized Lactams.. ChemInform, 2003, 34, no.	0.0	0
43	Alkenylthioimidoyl Radicals: Competition between $\hat{\text{I}}^2$ -Scission and Cyclization to Dihydrothiophen-2-ylidene-amines. Organic Letters, 2003, 5, 901-904.	4.6	23
44	Generation and Intramolecular Reactivity of Acyl Radicals from Alkynylthiol Esters under Reducing Tin-Free Conditions. Organic Letters, 2003, 5, 1313-1316.	4.6	80
45	Synthesis and Reactivity of (C ₆ F ₅) ₃ B $\hat{\text{I}}^2$ -N-Heterocycle Complexes. 1. Generation of Highly Acidic sp ³ Carbons in Pyrroles and Indoles. Journal of Organic Chemistry, 2003, 68, 5445-5465.	3.2	62
46	Cascade Radical Reactions via $\hat{\text{I}}^{\pm}$ -(Arylsulfanyl)imidoyl Radicals: Competitive [4 + 2] and [4 + 1] Radical Annulations of Alkynyl Isothiocyanates with Aryl Radicals. Journal of Organic Chemistry, 2003, 68, 3454-3464.	3.2	69
47	Conformational Studies by Dynamic NMR. 89.1 Stereomutation and Cryogenic Enantioseparation of Conformational Antipodes of Hindered Aryl Oximes. Journal of Organic Chemistry, 2002, 67, 3089-3095.	3.2	29
48	Intramolecular Cyclization of Acyl Radicals onto the Azido Group: A New Radical Approach to Cyclized Lactams. Organic Letters, 2002, 4, 3079-3081.	4.6	61
49	Radical chain reactions of $\hat{\text{I}}^{\pm}$ -azido ketones with tributyltin hydride: reduction vs nitrogen insertion and 1,2-hydrogen shift in the intermediate N-stannylaminy radicals. Tetrahedron, 2002, 58, 3485-3492.	1.9	35
50	Gas-phase cyclisation reactions of 1-(2-arylthiophenyl)alkaniminy and 2-(aryliminomethyl)thiophenoxyl radicals. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 1079-1085.	1.3	20
51	Reactions of 1-(2-alkoxyphenyl)alkaniminy radicals. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 2704-2710.	1.3	9
52	Conformational Studies by Dynamic NMR. 85.1 Stereomutation of Conformational Atropisomers of tert-Butylphenyl Alkyl Ketones. Journal of Organic Chemistry, 2001, 66, 7879-7882.	3.2	8
53	Short intramolecular S...O interactions in S-substituted 2-mercaptoacetophenones. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 1174-1176.	0.4	1
54	Synthesis and X-ray characterisation of a new polycondensed heterocycle obtained by a novel Mn(III)-mediated cascade reaction of 2-cyanophenyl isothiocyanate. Tetrahedron, 2001, 57, 7221-7233.	1.9	24

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55	Thermal decomposition of tert-butyl ortho-(phenylsulfanyl)- and ortho-(phenylsulfonyl)phenyliminoxyperacetates: The reactivity of thio-substituted iminyl radicals. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 1072-1078.	1.3	34
56	On the Regioselectivity of Imidoyl Radical Cyclisations. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 707-711.	2.4	17
57	Stereomutation of the Enantiomers of Hindered O-Substituted Oximes. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 3439-3446.	2.4	2
58	Radical Addition to Isonitriles: A Route to Polyfunctionalized Alkenes through a Novel Three-Component Radical Cascade Reaction. <i>Journal of Organic Chemistry</i> , 2000, 65, 2763-2772.	3.2	52
59	Diastereoselectivity in Mn(III)-Promoted 4-exo-trig Cyclization of Enamides to β -Lactams. <i>Organic Letters</i> , 2000, 2, 401-402.	4.6	22
60	Cascade Radical Reaction of 2-Alkynyl-Substituted Aryl Radicals with Aryl Isothiocyanates: A Novel Entry to Benzothieno[2,3-b]quinolines through β -(Arylsulfanyl)imidoyl Radicals. <i>Journal of Organic Chemistry</i> , 2000, 65, 8669-8674.	3.2	49
61	Reactions of Benzocyclic β -Keto Esters with Sulfonyl Azides. 2.1 Further Insight into the Influence of Azide Structure and Solvent on the Reaction Course. <i>Journal of Organic Chemistry</i> , 1999, 64, 5132-5138.	3.2	47
62	Radical Chain Reactions of β -Azido- β -keto Esters with Tributyltin Hydride. A Novel Entry to Amides and Lactams through Regiospecific Nitrogen Insertion. <i>Journal of Organic Chemistry</i> , 1999, 64, 7836-7841.	3.2	51
63	Radical annulations with nitriles: Novel cascade reactions of cyano-substituted alkyl and sulfanyl radicals with isonitriles. <i>Tetrahedron</i> , 1998, 54, 5587-5598.	1.9	69
64	Novel [3+2] radical annulations of cyano-substituted aryl radicals with alkynes. <i>Tetrahedron Letters</i> , 1998, 39, 2441-2442.	1.4	19
65	Gas-phase cyclisation reactions of 1-(2-arylamino)phenyl)alkaniminyl radicals. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 1833-1838.	0.9	12
66	Thermal decomposition of tert-butyl o-(phenoxy)- and o-(anilino)phenyliminoxyperacetates. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 1813-1824.	0.9	15
67	A study of the gas-phase interconversion of 1-(2-aryloxyphenyl)alkaniminyl and 2-(aryliminomethyl)phenoxy radicals. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 1825-1832.	0.9	11
68	Reactions of Benzocyclic β -Keto Esters with Tosyl and 4-Nitrophenyl Azide. Structural Influence of Dicarboxyl Substrate and Azide Reagent on Distribution of Diazo, Azide and Ring-Contraction Products. <i>Journal of Organic Chemistry</i> , 1998, 63, 4679-4684.	3.2	30
69	Diazo transfer reactions of tosyl azide with carbocyclic β -keto esters: production and decomposition of ring-opened N-tosylcarbamoyl-substituted β -diazo esters. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 457-462.	0.9	22
70	β -(Arylthio)imidoyl Radicals: [3 + 2] Radical Annulation of Aryl Isothiocyanates with 2-Cyano-Substituted Aryl Radicals. <i>Journal of Organic Chemistry</i> , 1997, 62, 8394-8399.	3.2	68
71	Diazo transfer reaction of 2-(trimethylsilyl)-1,3-dithiane with tosyl azide. Carbenic reactivity of transient 2-diazo-1,3-dithiane. <i>Tetrahedron</i> , 1997, 53, 9269-9278.	1.9	22
72	LDA-promoted decomposition of benzenesulfenamides. A route to aminyl radicals by dioxygen oxidation of lithium amides. <i>Tetrahedron</i> , 1996, 52, 13255-13264.	1.9	3

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73	Synthesis and some reactions of the first chiral tin hydride containing a C ₂ -symmetric binaphthyl substituent. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 2417-2422.	1.8	96
74	Isonitriles as source and fate of imidoyl radicals: a novel homolytic $\hat{\text{I}}\pm$ -fragmentation. <i>Tetrahedron Letters</i> , 1996, 37, 9337-9340.	1.4	30
75	Intramolecular addition of aryl radicals to carbon-nitrogen double bonds. <i>Tetrahedron</i> , 1995, 51, 2039-2054.	1.9	23
76	Radical annulations and cyclisations with isonitriles: the fate of the intermediate imidoyl and cyclohexadienyl radicals. <i>Tetrahedron</i> , 1995, 51, 9045-9062.	1.9	106
77	Peroxydicarbonate-mediated oxidation of N-(ortho-aryloxyphenyl) and N-(ortho-arylaminophenyl)aldimines. <i>Tetrahedron</i> , 1995, 51, 12143-12158.	1.9	34
78	N-(ortho-Aryloxyphenyl)arylimidoyl radicals: Novel 1,5-aryl radical translocation from oxygen to carbon. <i>Tetrahedron Letters</i> , 1995, 36, 451-454.	1.4	25
79	Reduction of azides to amines by samarium diiodide. <i>Tetrahedron Letters</i> , 1995, 36, 7313-7314.	1.4	48
80	Self-condensation of 1-bromo-2-naphthol: mechanism of formation of a 1,4-dinaphthodioxin. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 1291.	0.9	5
81	CAN- and DDQ-Promoted Oxidation of Alkenyl Sulfides. <i>Journal of Organic Chemistry</i> , 1994, 59, 7379-7382.	3.2	14
82	Tin Radical Addition to Alkynyl Sulfides: Reactivity of the Intermediate Thioalkyl-Substituted .beta.-(Tributylstannyl)vinyl Radicals. <i>Journal of Organic Chemistry</i> , 1994, 59, 3368-3374.	3.2	32
83	DDQ-mediated formation of carbon-carbon bonds: Oxidation of imines. <i>Tetrahedron</i> , 1993, 49, 10157-10174.	1.9	44
84	One electron transfer reaction of phenyl vinyl sulfides with dioxygen. The fate of the intermediate vinyl sulfide radical cations.. <i>Tetrahedron Letters</i> , 1993, 34, 3595-3598.	1.4	3
85	Novel rearrangement of N-(9H-carbazol-9-yl)arylaminy radicals. <i>Journal of Organic Chemistry</i> , 1993, 58, 2419-2423.	3.2	18
86	Reaction of azoarenes with tributyltin hydride. <i>Journal of Organic Chemistry</i> , 1992, 57, 607-613.	3.2	42
87	Annulation reactions with iron(III) chloride: oxidation of imines. <i>Journal of Organic Chemistry</i> , 1992, 57, 1842-1848.	3.2	61
88	The reaction of (2-alkylidenaminophenyl)sulfides with di-iso-propyl peroxydicarbonate: radical versus non-radical pathway. <i>Tetrahedron</i> , 1992, 48, 3961-3970.	1.9	25
89	On the neophyl-like rearrangement of 2-(9-anthryl)ethyl radicals. <i>Journal of the American Chemical Society</i> , 1989, 111, 7723-7732.	13.7	36
90	Homolytic annulation by reaction of imidoyl radicals with diethyl azodicarboxylate: a new route to nitrogen heterocycle derivatives. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 757.	2.0	27

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91	A Convenient Synthesis of Phenanthrene and Chrysene Derivatives. <i>Synthesis</i> , 1988, 1988, 333-335.	2.3	15
92	Liquid-crystalline quinoline derivatives. <i>Liquid Crystals</i> , 1987, 2, 625-631.	2.2	12
93	Aromatic annelation by reaction of arylimidoyl radicals with alkynes: evidence for the intervention of a spirocyclohexadienyl radical in the synthesis of substituted quinolines. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1986, , 1591.	0.9	41