Luisa Pisano

List of Publications by Year
in descending order

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56	867	471509	552781
papers	citations	17	26
		h-index	g-index

69	69	69	695
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cyclopentyl Methyl Ether: An Elective Ecofriendly Ethereal Solvent in Classical and Modern Organic Chemistry. ChemSusChem, 2019, 12, 40-70.	6.8	100
2	Electrostatic and Electrophilic Catalysis in the Reductive Cleavage of Alkyl Aryl Ethers. The Influence of Ion Pairing on the Regioselectivity. Journal of Organic Chemistry, 2000, 65, 322-331.	3.2	52
3	Trichloroisocyanuric Acid: a Versatile and Efficient Chlorinating and Oxidizing Reagent. European Journal of Organic Chemistry, 2019, 2019, 3544-3552.	2.4	50
4	V^{IV}O Versus V^{IV} Complex Formation by Tridentate (O, N_{arom}, O) Ligands: Prediction of Geometry, EPR ⁵¹V Hyperfine Coupling Constants, and UVâ€“Vis Spectra. Inorganic Chemistry, 2013, 52, 5260-5272.	4.0	40
5	Harnessing the orthoâ€Directing Ability of the Azetidine Ring for the Regioselective and Exhaustive Functionalization of Arenes. Chemistry - A European Journal, 2014, 20, 12190-12200.	3.3	33
6	Reductive electrophilic substitution of phthalans and ring expansion to isochroman derivatives. Tetrahedron Letters, 1995, 36, 8123-8126.	1.4	28
7	Thermodynamics, Kinetics, and Dynamics of the Two Alternative Aniomesolytic Fragmentations of Câ^'O Bonds:â€‰ An Electrochemical and Theoretical Study. Journal of the American Chemical Society, 2002, 124, 4708-4715.	13.7	28
8	Regioselective reductive demethoxylation of 3,4,5-trimethoxystilbenes. Tetrahedron, 2003, 59, 7961-7966.	1.9	28
9	Behavior of the potential antitumor VIVO complexes formed by flavonoid ligands. 2. Characterization of sulfonate derivatives of quercetin and morin, interaction with the bioligands of the plasma and preliminary biotransformation studies. Journal of Inorganic Biochemistry, 2015, 153, 167-177.	3.5	27
10	Cyclopentyl methyl etherâ€“NH₄X: a novel solvent/catalyst system for low impact acetalization reactions. Green Chemistry, 2015, 17, 3281-3284.	9.0	25
11	Straightforward access to 4-membered sulfurated heterocycles: introducing a strategy for the single and double functionalization of thietane 1-oxide. Organic and Biomolecular Chemistry, 2014, 12, 2180-2184.	2.8	24
12	Single and double reductive cleavage of Cî—¸O bonds of aromatic dimethyl acetals and ketals: Generation of benzylic mono- and dicarbanions. Tetrahedron Letters, 1994, 35, 6759-6762.	1.4	23
13	BH₃-Promoted Stereoselective Î²-Lithiation of N-Alkyl-2-phenylaziridines. Journal of Organic Chemistry, 2011, 76, 2291-2295.	3.2	22
14	Regio- and Stereoselective Synthesis of Sulfur-Bearing Four-Membered Heterocycles: Direct Access to 2,4-Disubstituted Thietane 1-Oxides. Journal of Organic Chemistry, 2015, 80, 12201-12211.	3.2	21
15	Metalation of Arylmethyl Methyl Ethers and Connection with Their Reductive Electrophilic Substitution. Tetrahedron Letters, 1995, 36, 5641-5644.	1.4	19
16	Visible-Light Photoredox-Catalyzed Amidation of Benzylic Alcohols. Journal of Organic Chemistry, 2020, 85, 11679-11687.	3.2	19
17	Reductive electrophilic substitution of pyrogallol derivatives: Synthesis of 2,3-disubstituted phenols. Tetrahedron Letters, 1993, 34, 5635-5638.	1.4	18
18	Reductive metalation of 1,2-diaryl-substituted ethenes: synthetic applications. Tetrahedron, 2005, 61, 8663-8668.	1.9	18

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19	Tuning the Reducing Properties of 1,2-Diaryl-1,2-disodiumethanes. Journal of Organic Chemistry, 2009, 74, 8064-8070.	3.2	17
20	Ion pairing effects on the regioselectivity of arylic versus benzylic Câ€“O bond reductive cleavage: synthetic applications. Tetrahedron, 2007, 63, 11998-12006.	1.9	16
21	A green solvent approach to the chemistry of 1,2â€diarylâ€1,2â€disodioethanes. Applied Organometallic Chemistry, 2012, 26, 180-184.	3.5	16
22	Single electron transfer reductive cleavage of the aryl-nitrogen bond in phenyl-substituted dimethylanilines. Tetrahedron Letters, 1999, 40, 8291-8293.	1.4	15
23	Silica Gel Stabilized Na and Na/K Alloys: Highly Effective, Versatile and Environmentally Friendly Reducing Agents. Synthesis, 2017, 49, 1931-1937.	2.3	14
24	Regioselectivity in the reductive cleavage of pyrogallol derivatives: reductive electrophilic substitution of acetals of 2,3-dimethoxyphenol. Journal of the Chemical Society Perkin Transactions 1, 1995, , 261.	0.9	13
25	Nitrogen Stereodynamics and Complexation Phenomena as Key Factors in the Deprotonative Dynamic Resolution of Alkylideneaziridines: A Spectroscopic and Computational Study. Journal of Organic Chemistry, 2015, 80, 6411-6418.	3.2	12
26	Synthesis of glycosyl sulfoximines by a highly chemo- and stereoselective NH- and O-transfer to thioglycosides. Organic and Biomolecular Chemistry, 2020, 18, 3893-3897.	2.8	12
27	Active-alkali metal promoted reductive desulfurization of dibenzothiophene and its hindered analogues. Tetrahedron, 2013, 69, 207-211.	1.9	11
28	Exploiting structural and conformational effects for a site-selective lithiation of azetidines. Pure and Applied Chemistry, 2016, 88, 631-648.	1.9	11
29	Computational NMR as Useful Tool for Predicting Structure and Stereochemistry of Fourâ€Membered Sulfur Heterocycles. European Journal of Organic Chemistry, 2016, 2016, 3252-3258.	2.4	11
30	A new and highly effective organometallic approach to 1,2-dehalogenations and related reactions. Journal of Organometallic Chemistry, 2007, 692, 3892-3900.	1.8	10
31	Active-sodium-promoted reductive cleavage of halogenated benzoic acids. Tetrahedron, 2010, 66, 9171-9174.	1.9	10
32	Reducing versus basic properties of 1,2-diaryl-1,2-disodioethanes. Tetrahedron, 2011, 67, 3470-3475.	1.9	8
33	Heterogeneous acidic catalysts for the tetrahydropyranylation of alcohols and phenols in green ethereal solvents. Beilstein Journal of Organic Chemistry, 2018, 14, 1655-1659.	2.2	8
34	Addressing Stereochemistry of Heterocyclic Compounds by DFT NMR Calculations. Chemistry of Heterocyclic Compounds, 2018, 54, 380-388.	1.2	8
35	The effect of topologically controlled coulombic interactions on the regioselectivity of the reductive cleavage of alkyl phenyl ethers. Journal of the Chemical Society Perkin Transactions II, 1996, , 2563.	0.9	7
36	Reductive lithiation of 1,3-dimethyl-2-arylimidazolidines. Tetrahedron, 2005, 61, 3177-3182.	1.9	7

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37	Microwaveâ€Assisted Carbamoylation of Amines. Synthetic Communications, 2007, 37, 3623-3634.	2.1	7
38	Stereo- and Enantioselective Addition of Organolithiums to 2-Oxazolinylazetidines as a Synthetic Route to 2-Acylazetidines. Frontiers in Chemistry, 2019, 7, 614.	3.6	7
39	Electron-transfer-induced reductive dealkoxylation of alkyl aryl ethers. III. Reductive cleavage of methoxy-substituted N,N-dimethylanilines (N,N-dimethylanisidines). Arkivoc, 2005, 2002, 181-188.	0.5	7
40	Practical generation of 3,5-dimethoxybenzyllithium: application to the synthesis of 5-substituted-resorcinols. Applied Organometallic Chemistry, 2003, 17, 851-855.	3.5	6
41	Reductive lithiation of alkoxy-substituted benzyl methyl ethers and connection with cross-coupling reactions. Tetrahedron, 2004, 60, 1617-1623.	1.9	6
42	Benzylic Organometals via Reductive Metalation Procedures. Current Organic Chemistry, 2011, 15, 1006-1035.	1.6	6
43	Alkali Metal-mediated Synthesis of 1- and 4-Substituted N-Alkyl-1,2,3,4-tetrahydro- isoquinolines. Heterocycles, 2004, 63, 401.	0.7	5
44	Application of the anionic homologous Friesâ€rearrangement to the synthesis of 3â€alkylbenzofuranâ€2(3H)â€ones. Applied Organometallic Chemistry, 2008, 22, 523-528.	3.5	5
45	Direct metalation of methoxymethyl arylmethyl ethers: A tin-free approach to the generation of Î±-alkoxyalkoxy-substituted aryllithiums. Journal of Organometallic Chemistry, 2009, 694, 3619-3625.	1.8	5
46	Active-alkali metal-promoted reductive cleavage of chlorinated phenols. Monatshefte FÃ¼r Chemie, 2012, 143, 601-605.	1.8	4
47	Ammonium Salts Catalyzed Acetalization Reactions in Green Ethereal Solvents. Catalysts, 2020, 10, 1108.	3.5	4
48	Aquivion perfluorosulfonic superacid as an effective catalyst for selective epoxidation of vegetable oils. Royal Society Open Science, 2022, 9, .	2.4	4
49	Reactivity of Arylic Carbanions Generated by Reductive Cleavage of C-N Bond ofN,N-Dimethylanilines. Synthesis, 2003, 2003, 2811-2814.	2.3	3
50	m-Terphenyl Ethers, a New Hydroxy Protecting Group Cleavable under Reductive Single Electron Transfer Reaction Conditions. Synthesis, 2011, 2011, 1575-1580.	2.3	3
51	Nenitzescu Synthesis of 5â€Hydroxyindoles with Zinc, Iron and Magnesium Salts in Cyclopentyl Methyl Ether. European Journal of Organic Chemistry, 2021, 2021, 5835.	2.4	3
52	Regio- and stereochemistry of Na-mediated reductive cleavage of alkyl aryl ethers. Tetrahedron: Asymmetry, 2014, 25, 1550-1554.	1.8	2
53	Reducing properties of 1,2-dipyridyl-1,2-disodioethanes: chemical validation of theoretical and electrochemical predictions. RSC Advances, 2016, 6, 46813-46821.	3.6	2
54	Potentiometric, Spectroscopic and DFT Study of the V^{IV}O Complexes Formed by Di(pyridinâ€2â€yl) Ligands. European Journal of Inorganic Chemistry, 2009, 2009, 2363-2374.	2.0	1

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55	Regioselective Reductive Demethoxylation of 3,4,5-Trimethoxystilbenes.. ChemInform, 2004, 35, no.	0.0	0
56	Alkali Metal Mediated Synthesis of 1- and 4-Substituted N-Alkyl-1,2,3,4-tetrahydroisoquinolines.. ChemInform, 2004, 35, no.	0.0	0