Vittorio Pace

List of Publications by Year
in descending order

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110	3,963	101543	138484
papers	citations	36	58
		h-index	g-index

150	150	150	2843
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Straightforward synthesis of bench-stable heteroatom-centered difluoromethylated entities via controlled nucleophilic transfer from activated TMSCHF₂. Chemical Communications, 2022, 58, 5761-5764.	4.1	4
2	Carbenoid-Mediated Homologation Tactics for Assembling (Fluorinated) Epoxides and Aziridines. Synlett, 2021, 32, 551-560.	1.8	16
3			

#	Article	IF	Citations
19	Direct Access to 9-Chloro-1H-benzo[b]furo[3,4-e]azepin-1-ones via Palladium(II)-Catalyzed Intramolecular syn-Oxypalladation/Olefin Insertion/sp²-Câ€“H Bond Activation Cascade. Organic Letters, 2019, 21, 5784-5788.	4.6	22
20	Direct and Chemoselective Synthesis of Tertiary Difluoroketones via Weinreb Amide Homologation with a CHF₂-Carbene Equivalent. Organic Letters, 2019, 21, 8261-8265.	4.6	53
21	Novel Dual Ligands Targeting Sigma1 Receptor and Acetylcholinesterase Endowed with Antioxidant Properties. Proceedings (mdpi), 2019, 22, .	0.2	0
22	Chemoselective reduction of isothiocyanates to thioformamides mediated by the Schwartz reagent. Organic and Biomolecular Chemistry, 2019, 17, 1970-1978.	2.8	25
23	Weinreb Amides as Privileged Acylating Agents for Accessing Î±-Substituted Ketones. Synthesis, 2019, 51, 2792-2808.	2.3	39
24	Palladium-Catalyzed Regioselective Syn-Chloropalladationâ€“Olefin Insertionâ€“Oxidative Chlorination Cascade: Synthesis of Dichlorinated Tetrahydroquinolines. Organic Letters, 2019, 21, 3465-3469.	4.6	21
25	¹⁷O NMR and¹⁵N NMR chemical shifts of sterically-hindered amides: ground-state destabilization in amide electrophilicity. Chemical Communications, 2019, 55, 4423-4426.	4.1	12
26	Biocatalyzed Synthesis of Statins: A Sustainable Strategy for the Preparation of Valuable Drugs. Catalysts, 2019, 9, 260.	3.5	36
27	The synthetic versatility of the Tiffeneauâ€“Demjanov chemistry in homologation tactics. Monatshefte FÃ¼r Chemie, 2019, 150, 2011-2019.	1.8	12
28	Highly chemoselective difluoromethylative homologation of iso(thio)cyanates: expeditious access to unprecedented Î±,Î±-difluoro(thio)amides. Chemical Communications, 2019, 55, 12960-12963.	4.1	24
29	A Straightforward Homologation of Carbon Dioxide with Magnesium Carbenoids en Route to Î±â€Halocarboxylic Acids. Advanced Synthesis and Catalysis, 2019, 361, 1001-1006.	4.3	9
30	Modular and Chemoselective Strategy for the Direct Access to Î±-Fluoroepoxides and Aziridines via the Addition of Fluoroiodomethyllithium to Carbonyl-Like Compounds. Organic Letters, 2019, 21, 584-588.	4.6	65
31	Sustainable Asymmetric Organolithium Chemistry: Enantioâ€•and Chemoselective Acylations through Recycling of Solvent, Sparteine, and Weinreb â€œAmineâ€• ChemSusChem, 2019, 12, 1147-1154.	6.8	23
32	Telescoped, Divergent, Chemoselective C1 and C1â€“C1 Homologation of Imine Surrogates: Access to Quaternary Chloroâ€•and Halomethylâ€Trifluoromethyl Aziridines. Angewandte Chemie - International Edition, 2019, 58, 2479-2484.	13.8	64
33	Cyclopentyl Methyl Ether: An Elective Ecofriendly Ethereal Solvent in Classical and Modern Organic Chemistry. ChemSusChem, 2019, 12, 40-70.	6.8	100
34	Design, Synthesis, and Pharmacological Evaluation of Novel Î²2/3 Subunit-Selective Î³-Aminobutyric Acid Type A (GABA_A) Receptor Modulators. Journal of Medicinal Chemistry, 2019, 62, 317-341.	6.4	9
35	Substituted Î±â€Sulfur Methyl Carbanions: Effective Homologating Agents for the Chemoselective Preparation of Î²â€Oxo Thioethers from Weinreb Amides. European Journal of Organic Chemistry, 2018, 2018, 2466-2470.	2.4	19
36	Expeditious and Chemoselective Synthesis of Î±-Aryl and Î±-Alkyl Selenomethylketones via Homologation Chemistry. Organic Letters, 2018, 20, 2685-2688.	4.6	39

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37	Merging lithium carbenoid homologation and enzymatic reduction: A combinative approach to the HIV-protease inhibitor Nelfinavir. Tetrahedron, 2018, 74, 2211-2217.	1.9	21
38	Î±-Arylamino Diazoketones: Diazomethane-Loading Controlled Synthesis, Spectroscopic Investigations, and Structural X-ray Analysis. Journal of Organic Chemistry, 2018, 83, 4336-4347.	3.2	13
39	Telescoped, Divergent, Chemoselective C1 and C1â€C1 Homologation of Imines Surrogates: A Straightforward Access to Quaternary Chloroâ€and Halomethylâ€trifluoromethylâ€aziridines. Angewandte Chemie, 2018, 131, 2501.	2.0	14
40	Identification of dual Sigma1 receptor modulators/acetylcholinesterase inhibitors with antioxidant and neurotrophic properties, as neuroprotective agents. European Journal of Medicinal Chemistry, 2018, 158, 353-370.	5.5	14
41	Easy as one, two, three. Nature Chemistry, 2018, 10, 1081-1082.	13.6	2
42	Homologation chemistry with nucleophilic Î±-substituted organometallic reagents: chemocontrol, new concepts and (solved) challenges. Chemical Communications, 2018, 54, 6692-6704.	4.1	58
43	Selected papers on medicinal chemistry. Monatshefte FÃ¼r Chemie, 2018, 149, 1189-1189.	1.8	0
44	Fluoroiodomethane: A versatile CH2F Source. Australian Journal of Chemistry, 2018, 71, 473.	0.9	14
45	An unusual thionyl chloride-promoted Câ^'C bond formation to obtain 4,4'-bipyrazolones. Beilstein Journal of Organic Chemistry, 2018, 14, 1287-1292.	2.2	7
46	Homologation of halostannanes with carbenoids: a convenient and straightforward one-step access to Î±-functionalized organotin reagents. Chemical Communications, 2018, 54, 10112-10115.	4.1	18
47	Recent advances in the synthesis and reactivity of spiro-epoxyoxindoles. Chemistry of Heterocyclic Compounds, 2018, 54, 389-393.	1.2	8
48	A practical guide for using lithium halocarbenoids in homologation reactions. Monatshefte FÃ¼r Chemie, 2018, 149, 1285-1291.	1.8	9
49	New Perspectives in Lithium Carbenoid Mediated Homologations. Synlett, 2017, 28, 879-888.	1.8	45
50	A greener and efficient access to substituted four- and six-membered sulfur-bearing heterocycles. Organic and Biomolecular Chemistry, 2017, 15, 5000-5015.	2.8	21
51	Recent advancements on the use of 2-methyltetrahydrofuran in organometallic chemistry. Monatshefte FÃ¼r Chemie, 2017, 148, 37-48.	1.8	84
52	Efficient Access to Allâ€Carbon Quaternary and Tertiary Î±â€Functionalized Homoallylâ€type Aldehydes from Ketones. Angewandte Chemie, 2017, 129, 12851-12856.	2.0	23
53	Exploiting a â€œBeastâ€in Carbenoid Chemistry: Development of a Straightforward Direct Nucleophilic Fluoromethylation Strategy. Journal of the American Chemical Society, 2017, 139, 13648-13651.	13.7	104
54	Efficient Access to Allâ€Carbon Quaternary and Tertiary Î±â€Functionalized Homoallylâ€type Aldehydes from Ketones. Angewandte Chemie - International Edition, 2017, 56, 12677-12682.	13.8	71

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55	Evidence and isolation of tetrahedral intermediates formed upon the addition of lithium carbenoids to Weinreb amides and N-acylpyrroles. Chemical Communications, 2017, 53, 9498-9501.	4.1	52
56	Synthesis of tetrasubstituted pyrazoles containing pyridinyl substituents. Beilstein Journal of Organic Chemistry, 2017, 13, 895-902.	2.2	5
57	Novel Enantiopure Sigma Receptor Modulators: Quick (Semi-)Preparative Chiral Resolution via HPLC and Absolute Configuration Assignment. Molecules, 2016, 21, 1210.	3.8	8
58	The use of the Comins-Meyers Amide in Synthetic Chemistry: An Overview. Natural Product Communications, 2016, 11, 1934578X1601101.	0.5	4
59	Chemoselective Addition of Halomethyllithiums to Functionalized Isatins:A Straightforward Access to Spiroâ€Epoxyoxindoles. Advanced Synthesis and Catalysis, 2016, 358, 172-177.	4.3	47
60	Chemoselective Schwartz Reagent Mediated Reduction of Isocyanates to Formamides. Organic Letters, 2016, 18, 2750-2753.	4.6	70
61	Highly efficient synthesis of functionalized Î±-oxyketones via Weinreb amides homologation with Î±-oxygenated organolithiums. Chemical Communications, 2016, 52, 7584-7587.	4.1	44
62	Synthesis and biological evaluation of new aryl-alkyl(alkenyl)-4-benzylpiperidines, novel Sigma Receptor (SR) modulators, as potential anticancer-agents. European Journal of Medicinal Chemistry, 2016, 124, 649-665.	5.5	32
63	Synthesis of 6,12-Epiminodibenzo[b,f][1,5]diazocines via an Ytterbium Triflate-Catalyzed, AB₂ Three-Component Reaction. Journal of Organic Chemistry, 2016, 81, 9687-9694.	3.2	19
64	Lithium Halomethylcarbenoids: Preparation and Use in the Homologation of Carbon Electrophiles. Chemical Record, 2016, 16, 2061-2076.	5.8	55
65	Structures of Highly Twisted Amides Relevant to Amide Nâ^'C Crossâ€Coupling: Evidence for Groundâ€State Amide Destabilization. Chemistry - A European Journal, 2016, 22, 14494-14498.	3.3	94
66	Isocyanates and isothiocyanates as versatile platforms for accessing (thio)amide-type compounds. Organic and Biomolecular Chemistry, 2016, 14, 7848-7854.	2.8	55
67	Palladium-Catalyzed Internal Nucleophile-Assisted Hydrationâ€“Olefin Insertion Cascade: Diastereoselective Synthesis of 2,3-Dihydro-1H-inden-1-ones. Organic Letters, 2016, 18, 3442-3445.	4.6	29
68	Potassium-Exchanged Zirconium Hydrogen Phosphate [Î±-Zr(KPO4)2]-Catalyzed Synthesis of 2-Amino-4H-pyran Derivatives under Solvent-Free Conditions. Synthesis, 2016, 48, 1533-1540.	2.3	16
69	Bromomethyllithium-mediated chemoselective homologation of disulfides to dithioacetals. Chemical Communications, 2016, 52, 2639-2642.	4.1	59
70	A Robust, Ecoâ€Friendly Access to Secondary Thioamides through the Addition of Organolithium Reagents to Isothiocyanates in Cyclopentyl Methyl Ether (CPME). Chemistry - A European Journal, 2015, 21, 18966-18970.	3.3	38
71	Eco-friendly chemoselective N-functionalization of isatins mediated by supported KF in 2-MeTHF. Green Chemistry, 2015, 17, 4194-4197.	9.0	22
72	Diethylaluminium Azide: A Versatile Reagent in Organic Synthesis. Australian Journal of Chemistry, 2015, 68, 703.	0.9	3

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73	Chemoselective efficient synthesis of functionalized Î²-oxonitriles through cyanomethylation of Weinreb amides. Organic and Biomolecular Chemistry, 2015, 13, 1969-1973.	2.8	41
74	Chemoenzymatic Synthesis of Carbohydrates as Antidiabetic and Anticancer Drugs. Current Topics in Medicinal Chemistry, 2015, 14, 2694-2711.	2.1	9
75	Homologation of Isocyanates with Lithium Carbenoids: A Straightforward Access to Î±-Halomethyl- and Î±,Î±-Dihalomethylamides. Synthesis, 2014, 46, 2897-2909.	2.3	45
76	Increasing the Reactivity of Amides towards Organometallic Reagents: An Overview. Advanced Synthesis and Catalysis, 2014, 356, 3697-3736.	4.3	207
77	Expanding the Synthetic Portfolio of Organolithiums: Direct Use in Catalytic Crossâ€Coupling Reactions. ChemCatChem, 2014, 6, 1516-1519.	3.7	30
78	Chemoselective Additions of Chloromethyllithium Carbenoid to Cyclic Enones: A Direct Access to Chloromethyl Allylic Alcohols. Advanced Synthesis and Catalysis, 2014, 356, 1761-1766.	4.3	30
79	Cu(I)â€“NHC Catalyzed Asymmetric Silyl Transfer to Unsaturated Lactams and Amides. Organic Letters, 2014, 16, 476-479.	4.6	90
80	Halomethyllithium Carbenoids: Versatile Reagents for the Homologation of Electrophilic Carbon Units. Australian Journal of Chemistry, 2014, 67, 311.	0.9	26
81	Synthesis of Î±,Î²-Unsaturated Î±â€²-Haloketones through the Chemoselective Addition of Halomethyllithiums to Weinreb Amides. Journal of Organic Chemistry, 2013, 78, 7764-7770.	3.2	57
82	NHCâ€“Cu(i) catalysed asymmetric conjugate silyl transfer to unsaturated lactones: application in kinetic resolution. Chemical Communications, 2013, 49, 5150.	4.1	58
83	Addition of lithium carbenoids to isocyanates: a direct access to synthetically useful N-substituted 2-haloacetamides. Chemical Communications, 2013, 49, 8383.	4.1	85
84	Highly efficient and environmentally benign preparation of Weinreb amides in the biphasic system 2-MeTHF/water. RSC Advances, 2013, 3, 10158.	3.6	22
85	Highly efficient and chemoselective Î±-iodination of acrylate esters through Moritaâ€“Baylisâ€“Hillman-type chemistry. Organic and Biomolecular Chemistry, 2013, 11, 1085.	2.8	16
86	Chemoselective Activation Strategies of Amidic Carbonyls towards Nucleophilic Reagents. Australian Journal of Chemistry, 2013, 66, 507.	0.9	78
87	Chemoselective Synthesis of Nâ€Substituted Î±â€Aminoâ€Î±â€²â€chloro Ketones via Chloromethylation of Glycineâ€Derived Weinreb Amides. Advanced Synthesis and Catalysis, 2013, 355, 919-926.	4.3	41
88	Chemoselective oxidative hydrolysis of EWG protected Î±-arylamino vinyl bromides to Î±-arylamino-Î±â€²-bromoacetones. Tetrahedron Letters, 2013, 54, 4369-4372.	1.4	9
89	Chemoselective CaOâ€Mediated Acylation of Alcohols and Amines in 2â€Methyltetrahydrofuran. ChemSusChem, 2013, 6, 905-910.	6.8	18
90	Biocatalyzed On Water Synthesis of Chiral Building Blocks for the Preparation of Anti-Cancer Drugs: a GreenerApproach. Current Organic Chemistry, 2013, 17, 1132-1157.	1.6	6

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91	α-Amino-αÂ´-Halomethylketones: Synthetic Methodologies and Pharmaceutical Applications as Serine and Cysteine Protease Inhibitors. Mini-Reviews in Medicinal Chemistry, 2013, 13, 988-996.	2.4	12
92	2-Methyltetrahydrofuran: A Versatile Eco-Friendly Alternative to THF in Organometallic Chemistry. Australian Journal of Chemistry, 2012, 65, 301.	0.9	46
93	A straightforward and general access to Î±-phthalimido-Î±â€²-substituted propan-2-ones. Tetrahedron Letters, 2012, 53, 5106-5109.	1.4	10
94	2â€MethyltetrahydrofuranÂ (2â€MeTHF): A Biomassâ€Derived Solvent with Broad Application in Organic Chemistry. ChemSusChem, 2012, 5, 1369-1379.	6.8	520
95	Dynamic Kinetic Resolution via Hydrolaseâ€Metal Combo Catalysis in Stereoselective Synthesis of Bioactive Compounds. Advanced Synthesis and Catalysis, 2012, 354, 2585-2611.	4.3	76
96	Robust eco-friendly protocol for the preparation of Î³-hydroxy-Î±,Î²-acetylenic esters by sequential one-pot eliminationâ€“addition of 2-bromoacrylates to aldehydes promoted by LTMP in 2-MeTHF. Green Chemistry, 2012, 14, 1859.	9.0	30
97	Highly chemoselective synthesis of aryl allylic sulfoxides through calcium hypobromite oxidation of aryl allylic sulfides. Tetrahedron Letters, 2012, 53, 967-972.	1.4	20
98	Highly efficient chemoselective N-TBS protection of anilines under exceptional mild conditions in the eco-friendly solvent 2-methyltetrahydrofuran. Green Chemistry, 2011, 13, 1986.	9.0	37
99	Chemoenzymatic synthesis of chiral unsymmetrical benzoin esters. Tetrahedron, 2011, 67, 7321-7329.	1.9	26
100	Structural bases for understanding the stereoselectivity in ketone reductions with ADH from Thermus thermophilus: A quantitative model. Journal of Molecular Catalysis B: Enzymatic, 2011, 70, 23-31.	1.8	16
101	Highly regioselective control of 1,2-addition of organolithiums to Î±,Î²-unsaturated compounds promoted by lithium bromide in 2-methyltetrahydrofuran: a facile and eco-friendly access to allylic alcohols and amines. Tetrahedron, 2011, 67, 2670-2675.	1.9	52
102	Highly Regioselective and Efficient Synthesis of Aminoepoxides by Ring Closure of Aminohalohydrins Mediated by KF-Celite. Synlett, 2011, 2011, 1831-1834.	1.8	11
103	1,3-Dichloroacetone. Synlett, 2010, 2010, 2825-2826.	1.8	2
104	Improved Arndtâ€“Eistert Synthesis of Î±-Diazoketones Requiring Minimal Diazomethane in the Presence of Calcium Oxide as Acid Scavenger. Journal of Organic Chemistry, 2010, 75, 5760-5763.	3.2	65
105	2-Methyltetrahydrofuran as a suitable green solvent for phthalimide functionalization promoted by supported KF. Green Chemistry, 2010, 12, 1380.	9.0	68
106	Highly Efficient Synthesis of New Î±â€Arylaminoâ€Î±â€²â€chloropropanâ€2â€ones via Oxidative Hydrolysis of Vinyl Chlorides Promoted by Calcium Hypochlorite. Advanced Synthesis and Catalysis, 2009, 351, 3199-3206.	4.3	25
107	Efficient Hornerâ€“Wadsworthâ€“Emmons intramolecular cyclisation of a N-substituted phthalimide promoted by KF-Alumina: a general tool for the synthesis of functionalised isoindolinones. Tetrahedron Letters, 2009, 50, 3050-3053.	1.4	30
108	Effective Monoallylation of Anilines Catalyzed by Supported KF. Organic Letters, 2007, 9, 2661-2664.	4.6	45

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109	Preparation of 2-Amino-4H-chromene Derivatives from Coumarins in Basic Media. European Journal of Organic Chemistry, 2006, 2006, 746-751.	2.4	9
110	Consecutive and Selective Double Methylene Insertion of Lithium Carbenoids to Isothiocyanates: A Direct Assembly of Fourâ€membered Sulfurâ€Containing Cycles. Angewandte Chemie, 0, , .	2.0	0