

Vittorio Pace

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8635155/vittorio-pace-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

2,976
citations

33
h-index

50
g-index

150
ext. papers

3,471
ext. citations

5
avg, IF

5.7
L-index

#	Paper	IF	Citations
111	Synthesis of stable β -fluoromethyl putative carbanions via a chemoselective reduction-monofluoromethylation sequence of diselenides under sustainable conditions. <i>Tetrahedron</i> , 2021 , 85, 131921	2.4	6
110	Carbenoid-Mediated Homologation Tactics for Assembling (Fluorinated) Epoxides and Aziridines. <i>Synlett</i> , 2021 , 32, 551-560	2.2	7
109	(Difluoromethyl)trimethylsilane (TMSCHF ₂): A Useful Difluoromethylating Nucleophilic Source. <i>Australian Journal of Chemistry</i> , 2021 , 74, 623	1.2	2
108	Taking advantage of lithium monohalocarbenoid intrinsic β -elimination in 2-MeTHF: controlled epoxide ring-opening to halohydrins. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 2038-2043	3.9	5
107	Consecutive and Selective Double Methylene Insertion of Lithium Carbenoids to Isothiocyanates: A Direct Assembly of Four-Membered Sulfur-Containing Cycles. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24854-24858	16.4	3
106	Direct and straightforward transfer of C1 functionalized synthons to phosphorous electrophiles for accessing gem-P-containing methanes. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 2425-2429	3.9	0
105	Pseudo-Dipeptide Bearing β -Difluoromethyl Ketone Moiety as Electrophilic Warhead with Activity against Coronaviruses. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
104	Direct and Chemoselective Electrophilic Monofluoromethylation of Heteroatoms (-, -, -, -) with Fluoroiodomethane. <i>Organic Letters</i> , 2020 , 22, 1345-1349	6.2	15
103	Straightforward and direct access to β -seleno- amines and sulfonylamides via the controlled addition of phenylselenomethyl lithium (LiCH ₂ SePh) to imines. <i>Tetrahedron</i> , 2020 , 76, 131220	2.4	2
102	A Combination of Pharmacophore and Docking-based Virtual Screening to Discover new Tyrosinase Inhibitors. <i>Molecular Informatics</i> , 2020 , 39, e1900054	3.8	7
101	Electrophilicity Scale of Activated Amides: O NMR and N NMR Chemical Shifts of Acyclic Twisted Amides in N-C(O) Cross-Coupling. <i>Chemistry - A European Journal</i> , 2020 , 26, 16246-16250	4.8	5
100	Halogen-Imparted Reactivity in Lithium Carbenoid Mediated Homologations of Imine Surrogates: Direct Assembly of bis-Trifluoromethyl- β -diketiminates and the Dual Role of LiCHI. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20852-20857	16.4	8
99	Halogen-Imparted Reactivity in Lithium Carbenoid Mediated Homologations of Imine Surrogates: Direct Assembly of bis-Trifluoromethyl- β -diketiminates and the Dual Role of LiCH ₂ I. <i>Angewandte Chemie</i> , 2020 , 132, 21038-21043	3.6	3
98	Straightforward chemoselective access to unsymmetrical dithioacetals through a thiosulfonate homologation-nucleophilic substitution sequence. <i>Chemical Communications</i> , 2020 , 56, 12395-12398	5.8	6
97	Consecutive C1-Homologation / Displacement Strategy for Converting Thiosulfonates into O,S-Oxothioacetals. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 5444-5449	5.6	2
96	Chemoselective Homologation-Deoxygenation Strategy Enabling the Direct Conversion of Carbonyls into (β)-Halomethyl-Alkanes. <i>Organic Letters</i> , 2020 , 22, 7629-7634	6.2	12
95	Modular and Chemoselective Strategy for Accessing (Distinct) β -Dihaloketones from Weinreb Amides and Dihalomethyl lithiums. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 5056-5061	5.6	4

94	Novel Dual Ligands Targeting Sigma1 Receptor and Acetylcholinesterase Endowed with Antioxidant Properties. <i>Proceedings (mdpi)</i> , 2019 , 22, 49	0.3	
93	Chemoselective reduction of isothiocyanates to thioformamides mediated by the Schwartz reagent. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 1970-1978	3.9	14
92	Weinreb Amides as Privileged Acylating Agents for Accessing α -Substituted Ketones. <i>Synthesis</i> , 2019 , 51, 2792-2808	2.9	24
91	Palladium-Catalyzed Regioselective Syn-Chloropalladation-Olefin Insertion-Oxidative Chlorination Cascade: Synthesis of Dichlorinated Tetrahydroquinolines. <i>Organic Letters</i> , 2019 , 21, 3465-3469	6.2	13
90	O NMR and N NMR chemical shifts of sterically-hindered amides: ground-state destabilization in amide electrophilicity. <i>Chemical Communications</i> , 2019 , 55, 4423-4426	5.8	5
89	Biocatalyzed Synthesis of Statins: A Sustainable Strategy for the Preparation of Valuable Drugs. <i>Catalysts</i> , 2019 , 9, 260	4	23
88	Direct Access to 9-Chloro-1-benzofuro[3,4- <i>b</i>]azepin-1-ones via Palladium(II)-Catalyzed Intramolecular α -Oxypalladation/Olefin Insertion/ sp^2 -C-H Bond Activation Cascade. <i>Organic Letters</i> , 2019 , 21, 5784-5788	6.2	12
87	Direct and Chemoselective Synthesis of Tertiary Difluoroketones via Weinreb Amide Homologation with a CHF-Carbene Equivalent. <i>Organic Letters</i> , 2019 , 21, 8261-8265	6.2	30
86	The synthetic versatility of the Tiffeneau-Demjanov chemistry in homologation tactics. <i>Monatshefte für Chemie</i> , 2019 , 150, 2011-2019	1.4	7
85	Highly chemoselective difluoromethylative homologation of iso(thio)cyanates: expeditious access to unprecedented α,α -difluoro(thio)amides. <i>Chemical Communications</i> , 2019 , 55, 12960-12963	5.8	13
84	A Straightforward Homologation of Carbon Dioxide with Magnesium Carbenoids en Route to α -Halocarboxylic Acids. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 1001-1006	5.6	7
83	Modular and Chemoselective Strategy for the Direct Access to α -Fluoroepoxides and Aziridines via the Addition of Fluoroiodomethylithium to Carbonyl-Like Compounds. <i>Organic Letters</i> , 2019 , 21, 584-588	6.2	43
82	Sustainable Asymmetric Organolithium Chemistry: Enantio- and Chemoselective Acylations through Recycling of Solvent, Sparteine, and Weinreb "Amine". <i>ChemSusChem</i> , 2019 , 12, 1147-1154	8.3	11
81	Telescoped, Divergent, Chemoselective C1 and C1-C1 Homologation of Imine Surrogates: Access to Quaternary Chloro- and Halomethyl-Trifluoromethyl Aziridines. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2479-2484	16.4	37
80	Cyclopentyl Methyl Ether: An Elective Ecofriendly Ethereal Solvent in Classical and Modern Organic Chemistry. <i>ChemSusChem</i> , 2019 , 12, 40-70	8.3	73
79	Design, Synthesis, and Pharmacological Evaluation of Novel α / β Subunit-Selective α -Aminobutyric Acid Type A (GABA) Receptor Modulators. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 317-341	8.3	6
78	Substituted α -Sulfur Methyl Carbanions: Effective Homologating Agents for the Chemoselective Preparation of α -Oxo Thioethers from Weinreb Amides. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 2466-2470	3.2	15
77	Expeditious and Chemoselective Synthesis of α -Aryl and α -Alkyl Selenomethylketones via Homologation Chemistry. <i>Organic Letters</i> , 2018 , 20, 2685-2688	6.2	28

76	Merging lithium carbenoid homologation and enzymatic reduction: A combinative approach to the HIV-protease inhibitor Nelfinavir. <i>Tetrahedron</i> , 2018 , 74, 2211-2217	2.4	18
75	β-Arylamino Diazoketones: Diazomethane-Loading Controlled Synthesis, Spectroscopic Investigations, and Structural X-ray Analysis. <i>Journal of Organic Chemistry</i> , 2018 , 83, 4336-4347	4.2	11
74	Fluoroiodomethane: A versatile CH ₂ F Source. <i>Australian Journal of Chemistry</i> , 2018 , 71, 473	1.2	11
73	An unusual thionyl chloride-promoted C-C bond formation to obtain 4,4-Substituted pyrazolones. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 1287-1292	2.5	6
72	Homologation of halostannanes with carbenoids: a convenient and straightforward one-step access to β-functionalized organotin reagents. <i>Chemical Communications</i> , 2018 , 54, 10112-10115	5.8	13
71	Recent advances in the synthesis and reactivity of spiro-epoxyoxindoles. <i>Chemistry of Heterocyclic Compounds</i> , 2018 , 54, 389-393	1.4	6
70	A practical guide for using lithium halocarbenoids in homologation reactions. <i>Monatshefte für Chemie</i> , 2018 , 149, 1285-1291	1.4	4
69	Telescoped, Divergent, Chemoselective C1 and C1-C1 Homologation of Imine Surrogates: Access to Quaternary Chloro- and Halomethyl-Trifluoromethyl Aziridines. <i>Angewandte Chemie</i> , 2018 , 131, 2501	3.6	
68	Identification of dual Sigma ₁ receptor modulators/acetylcholinesterase inhibitors with antioxidant and neurotrophic properties, as neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , 2018 , 158, 353-370	6.8	10
67	Easy as one, two, three. <i>Nature Chemistry</i> , 2018 , 10, 1081-1082	17.6	2
66	Homologation chemistry with nucleophilic β-substituted organometallic reagents: chemocontrol, new concepts and (solved) challenges. <i>Chemical Communications</i> , 2018 , 54, 6692-6704	5.8	35
65	New Perspectives in Lithium Carbenoid Mediated Homologations. <i>Synlett</i> , 2017 , 28, 879-888	2.2	38
64	A greener and efficient access to substituted four- and six-membered sulfur-bearing heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 5000-5015	3.9	14
63	Recent advancements on the use of 2-methyltetrahydrofuran in organometallic chemistry. <i>Monatshefte für Chemie</i> , 2017 , 148, 37-48	1.4	55
62	Efficient Access to All-Carbon Quaternary and Tertiary β-Functionalized Homoallyl-type Aldehydes from Ketones. <i>Angewandte Chemie</i> , 2017 , 129, 12851-12856	3.6	18
61	Synthesis of tetrasubstituted pyrazoles containing pyridinyl substituents. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 895-902	2.5	4
60	Exploiting a "Beast" in Carbenoid Chemistry: Development of a Straightforward Direct Nucleophilic Fluoromethylation Strategy. <i>Journal of the American Chemical Society</i> , 2017 , 139, 13648-13651	16.4	79
59	Efficient Access to All-Carbon Quaternary and Tertiary β-Functionalized Homoallyl-type Aldehydes from Ketones. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12677-12682	16.4	50

58	Evidence and isolation of tetrahedral intermediates formed upon the addition of lithium carbenoids to Weinreb amides and N-acylpyrroles. <i>Chemical Communications</i> , 2017 , 53, 9498-9501	5.8	39
57	Lithium Halomethylcarbenoids: Preparation and Use in the Homologation of Carbon Electrophiles. <i>Chemical Record</i> , 2016 , 16, 2061-76	6.6	39
56	Structures of Highly Twisted Amides Relevant to Amide N-C Cross-Coupling: Evidence for Ground-State Amide Destabilization. <i>Chemistry - A European Journal</i> , 2016 , 22, 14494-8	4.8	87
55	Isocyanates and isothiocyanates as versatile platforms for accessing (thio)amide-type compounds. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 7848-54	3.9	39
54	Palladium-Catalyzed Internal Nucleophile-Assisted Hydration-Olefin Insertion Cascade: Diastereoselective Synthesis of 2,3-Dihydro-1H-inden-1-ones. <i>Organic Letters</i> , 2016 , 18, 3442-5	6.2	21
53	Potassium-Exchanged Zirconium Hydrogen Phosphate [Zr(KPO ₄) ₂]-Catalyzed Synthesis of 2-Amino-4H-pyran Derivatives under Solvent-Free Conditions. <i>Synthesis</i> , 2016 , 48, 1533-1540	2.9	12
52	Bromomethyl lithium-mediated chemoselective homologation of disulfides to dithioacetals. <i>Chemical Communications</i> , 2016 , 52, 2639-42	5.8	47
51	Novel Enantiopure Sigma Receptor Modulators: Quick (Semi-)Preparative Chiral Resolution via HPLC and Absolute Configuration Assignment. <i>Molecules</i> , 2016 , 21,	4.8	6
50	The use of the Comins-Meyers Amide in Synthetic Chemistry: An Overview. <i>Natural Product Communications</i> , 2016 , 11, 1934578X1601101	0.9	2
49	Dynamic Kinetic Resolution via Hydrolase/Metal Combo Catalysis 2016 , 373-396		2
48	Chemoselective Addition of Halomethyl lithiums to Functionalized Isatins: A Straightforward Access to Spiro-Epoxyoxindoles. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 172-177	5.6	40
47	Chemoselective Schwartz Reagent Mediated Reduction of Isocyanates to Formamides. <i>Organic Letters</i> , 2016 , 18, 2750-3	6.2	52
46	Highly efficient synthesis of functionalized α -oxyketones via Weinreb amides homologation with α -oxygenated organolithiums. <i>Chemical Communications</i> , 2016 , 52, 7584-7	5.8	35
45	Synthesis and biological evaluation of new aryl-alkyl(alkenyl)-4-benzylpiperidines, novel Sigma Receptor (SR) modulators, as potential anticancer-agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 124, 649-665	6.8	21
44	Synthesis of 6,12-Epiminodibenzo[b,f][1,5]diazocines via an Ytterbium Triflate-Catalyzed, AB Three-Component Reaction. <i>Journal of Organic Chemistry</i> , 2016 , 81, 9687-9694	4.2	15
43	Eco-friendly chemoselective N-functionalization of isatins mediated by supported KF in 2-MeTHF. <i>Green Chemistry</i> , 2015 , 17, 4194-4197	10	19
42	Diethylaluminum Azide: A Versatile Reagent in Organic Synthesis. <i>Australian Journal of Chemistry</i> , 2015 , 68, 703	1.2	3
41	Chemoselective efficient synthesis of functionalized α -oxonitriles through cyanomethylation of Weinreb amides. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1969-73	3.9	31

40	A Robust, Eco-Friendly Access to Secondary Thioamides through the Addition of Organolithium Reagents to Isothiocyanates in Cyclopentyl Methyl Ether (CPME). <i>Chemistry - A European Journal</i> , 2015 , 21, 18966-70	4.8	34
39	Chemoselective Additions of Chloromethylithium Carbenoid to Cyclic Enones: A Direct Access to Chloromethyl Allylic Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1761-1766	5.6	25
38	Cu(I)-NHC catalyzed asymmetric silyl transfer to unsaturated lactams and amides. <i>Organic Letters</i> , 2014 , 16, 476-9	6.2	78
37	2-Methyltetrahydrofuran 2014 , 1-6		1
36	Halomethylithium Carbenoids: Versatile Reagents for the Homologation of Electrophilic Carbon Units. <i>Australian Journal of Chemistry</i> , 2014 , 67, 311	1.2	23
35	Homologation of Isocyanates with Lithium Carbenoids: A Straightforward Access to α -Halomethyl- and β -Dihalomethylamides. <i>Synthesis</i> , 2014 , 46, 2897-2909	2.9	37
34	Increasing the Reactivity of Amides towards Organometallic Reagents: An Overview. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 3697-3736	5.6	168
33	Expanding the Synthetic Portfolio of Organolithiums: Direct Use in Catalytic Cross-Coupling Reactions. <i>ChemCatChem</i> , 2014 , 6, 1516-1519	5.2	24
32	Chemoenzymatic synthesis of carbohydrates as antidiabetic and anticancer drugs. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 2694-711	3	6
31	Synthesis of α -unsaturated β -halo ketones through the chemoselective addition of halomethylithiums to Weinreb amides. <i>Journal of Organic Chemistry</i> , 2013 , 78, 7764-70	4.2	45
30	NHC-Cu(I) catalysed asymmetric conjugate silyl transfer to unsaturated lactones: application in kinetic resolution. <i>Chemical Communications</i> , 2013 , 49, 5150-2	5.8	52
29	Addition of lithium carbenoids to isocyanates: a direct access to synthetically useful N-substituted 2-haloacetamides. <i>Chemical Communications</i> , 2013 , 49, 8383-5	5.8	65
28	Highly efficient and environmentally benign preparation of Weinreb amides in the biphasic system 2-MeTHF/water. <i>RSC Advances</i> , 2013 , 3, 10158	3.7	20
27	Highly efficient and chemoselective β -iodination of acrylate esters through Morita-Baylis-Hillman-type chemistry. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1085-8	3.9	13
26	Chemoselective Activation Strategies of Amidic Carbonyls towards Nucleophilic Reagents. <i>Australian Journal of Chemistry</i> , 2013 , 66, 507	1.2	72
25	Chemoselective Synthesis of N-Substituted α -Amino- β -chloro Ketones via Chloromethylation of Glycine-Derived Weinreb Amides. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 919-926	5.6	33
24	Chemoselective oxidative hydrolysis of EWG protected β -arylamino vinyl bromides to β -arylamino- β -bromoacetones. <i>Tetrahedron Letters</i> , 2013 , 54, 4369-4372	2	8
23	Chemoselective CaO-mediated acylation of alcohols and amines in 2-methyltetrahydrofuran. <i>ChemSusChem</i> , 2013 , 6, 905-10	8.3	16

22	Biocatalyzed On Water Synthesis of Chiral Building Blocks for the Preparation of Anti-Cancer Drugs: a Greener Approach. <i>Current Organic Chemistry</i> , 2013 , 17, 1132-1157	1.7	5
21	α-Amino-β-halomethylketones: synthetic methodologies and pharmaceutical applications as serine and cysteine protease inhibitors. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 988-96	3.2	9
20	Highly chemoselective synthesis of aryl allylic sulfoxides through calcium hypobromite oxidation of aryl allylic sulfides. <i>Tetrahedron Letters</i> , 2012 , 53, 967-972	2	18
19	A straightforward and general access to α-phthalimido-β-substituted propan-2-ones. <i>Tetrahedron Letters</i> , 2012 , 53, 5106-5109	2	9
18	2-Methyltetrahydrofuran (2-MeTHF): a biomass-derived solvent with broad application in organic chemistry. <i>ChemSusChem</i> , 2012 , 5, 1369-79	8.3	405
17	Dynamic Kinetic Resolution via Hydrolase-Metal Combo Catalysis in Stereoselective Synthesis of Bioactive Compounds. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 2585-2611	5.6	63
16	Robust eco-friendly protocol for the preparation of β-hydroxy-α-acetylenic esters by sequential one-pot elimination-addition of 2-bromoacrylates to aldehydes promoted by LTMP in 2-MeTHF. <i>Green Chemistry</i> , 2012 , 14, 1859	10	26
15	2-Methyltetrahydrofuran: A Versatile Eco-Friendly Alternative to THF in Organometallic Chemistry. <i>Australian Journal of Chemistry</i> , 2012 , 65, 301	1.2	42
14	Chemoenzymatic synthesis of chiral unsymmetrical benzoin esters. <i>Tetrahedron</i> , 2011 , 67, 7321-7329	2.4	23
13	Structural bases for understanding the stereoselectivity in ketone reductions with ADH from <i>Thermus thermophilus</i> : A quantitative model. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011 , 70, 23-31		14
12	Highly efficient chemoselective N-TBS protection of anilines under exceptional mild conditions in the eco-friendly solvent 2-methyltetrahydrofuran. <i>Green Chemistry</i> , 2011 , 13, 1986	10	35
11	Highly regioselective control of 1,2-addition of organolithiums to α,β-unsaturated compounds promoted by lithium bromide in 2-methyltetrahydrofuran: a facile and eco-friendly access to allylic alcohols and amines. <i>Tetrahedron</i> , 2011 , 67, 2670-2675	2.4	49
10	Highly Regioselective and Efficient Synthesis of Aminoepoxides by Ring Closure of Aminohalohydrins Mediated by KF-Celite. <i>Synlett</i> , 2011 , 2011, 1831-1834	2.2	10
9	1,3-Dichloroacetone. <i>Synlett</i> , 2010 , 2010, 2825-2826	2.2	2
8	Improved Arndt-Eistert synthesis of alpha-diazoketones requiring minimal diazomethane in the presence of calcium oxide as acid scavenger. <i>Journal of Organic Chemistry</i> , 2010 , 75, 5760-3	4.2	54
7	2-Methyltetrahydrofuran as a suitable green solvent for phthalimide functionalization promoted by supported KF. <i>Green Chemistry</i> , 2010 , 12, 1380	10	56
6	Highly Efficient Synthesis of New α-Arylamino-β-chloropropan-2-ones via Oxidative Hydrolysis of Vinyl Chlorides Promoted by Calcium Hypochlorite. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 3199-3206	5.6	22
5	Efficient Horner-Wadsworth-Emmons intramolecular cyclisation of a N-substituted phthalimide promoted by KF-Alumina: a general tool for the synthesis of functionalised isoindolinones. <i>Tetrahedron Letters</i> , 2009 , 50, 3050-3053	2	27

- 4 Effective monoallylation of anilines catalyzed by supported KF. *Organic Letters*, **2007**, 9, 2661-4 6.2 37
- 3 Preparation of 2-Amino-4H-chromene Derivatives from Coumarins in Basic Media. *European Journal of Organic Chemistry*, **2006**, 2006, 746-751 3.2 7
- 2 (Difluoromethyl)trimethylsilane (TMSCHF₂)1-17
- 1 Consecutive and Selective Double Methylene Insertion of Lithium Carbenoids to Isothiocyanates: A Direct Assembly of Four-membered Sulfur-Containing Cycles. *Angewandte Chemie*, 3.6