

Domingo Gomez Pardo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis of Aryl Sulfides: Metal-Free C-H Sulfenylation of Electron-Rich Arenes. <i>Organic Letters</i> , 2015, 17, 3898-3901.	4.6	110
2	Rearrangement of β -amino alcohols via aziridiniums: a review. <i>Chemical Society Reviews</i> , 2010, 39, 89-102.	38.1	107
3	TFA-promoted direct C-H sulfenylation at the C2 position of non-protected indoles. <i>Chemical Communications</i> , 2015, 51, 13898-13901.	4.1	107
4	Ring Expansion - Formation of Optically Active 3-Hydroxypiperidines from Pyrrolidinemethanol Derivatives. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 1693-1699.	2.4	69
5	Palladium-Catalyzed Intermolecular β -Arylation of N-Protected 2-Piperidinones. <i>Organic Letters</i> , 2003, 5, 3037-3039.	4.6	68
6	Monoalkylation of Acetonitrile by Primary Alcohols Catalyzed by Iridium Complexes. <i>Organic Letters</i> , 2011, 13, 4084-4087.	4.6	65
7	Formation of optically active 3-hydroxypiperidines. <i>Tetrahedron Letters</i> , 1995, 36, 549-552.	1.4	56
8	Enantioselective diethylzinc addition to aromatic and aliphatic aldehydes using (3R,5R)-dihydroxypiperidine derivatives catalyst. <i>Tetrahedron</i> , 2006, 62, 2388-2394.	1.9	53
9	Syntheses of (S,S)-Reboxetine via a Catalytic Stereospecific Rearrangement of β -Amino Alcohols. <i>Journal of Organic Chemistry</i> , 2008, 73, 707-710.	3.2	51
10	Iridium-Catalyzed Hydrogen Transfer: Synthesis of Substituted Benzofurans, Benzothiophenes, and Indoles from Benzyl Alcohols. <i>Organic Letters</i> , 2013, 15, 3876-3879.	4.6	49
11	Enantioselective ring expansion of prolinol derivatives. Two formal syntheses of (β)-swainsonine. <i>Tetrahedron</i> , 2007, 63, 9082-9091.	1.9	48
12	Ring Expansion Induced by DAST: Synthesis of Substituted 3-Fluoropiperidines from Prolinols and 3-Fluoroazepanes from 2-Hydroxymethylpiperidines. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4224-4234.	2.4	45
13	Synthesis of (-)-Pseudoconhydrine through Ring Enlargement of a L-Proline Derivative. <i>Synlett</i> , 1997, 1997, 905-906.	1.8	44
14	Radical Cyclizations - Synthesis of β -Lycorane. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 1925-1933.	2.4	44
15	Highly Enantioselective Synthesis of β -Amino Alcohols: A Catalytic Version. <i>Journal of Organic Chemistry</i> , 2007, 72, 6556-6561.	3.2	44
16	<i>Daucus carota</i> -Mediated-Reduction of Cyclic 3-Oxo-amines. <i>Organic Letters</i> , 2009, 11, 1245-1248.	4.6	40
17	Ring Expansion of Cyclic β -Amino Alcohols Induced by Diethylaminosulfur Trifluoride: Synthesis of Cyclic Amines with a Tertiary Fluorine at C3. <i>Journal of Organic Chemistry</i> , 2012, 77, 6087-6099.	3.2	40
18	XtalFluor-E, an Efficient Coupling Reagent for Amidation of Carboxylic Acids. <i>Organic Letters</i> , 2013, 15, 902-905.	4.6	39

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19	Access to Optically Active 3-Substituted Piperidines by Ring Expansion of Prolinols and Derivatives. <i>Chemistry - A European Journal</i> , 2014, 20, 4516-4525.	3.3	39
20	Rearrangement of β -amino alcohols and application to the synthesis of biologically active compounds. <i>Chirality</i> , 2009, 21, 850-856.	2.6	38
21	Access to Optically Active 3-Azido- and 3-Aminopiperidine Derivatives by Enantioselective Ring Expansion of Prolinols. <i>Organic Letters</i> , 2011, 13, 4442-4445.	4.6	38
22	Diels-Alder cycloadditions of electron-rich, electron-deficient, and push-pull dienes with cyclic dienophiles: high-pressure-induced reactions and theoretical calculations. <i>Journal of Organic Chemistry</i> , 1991, 56, 4135-4141.	3.2	37
23	Palladium-catalyzed β -arylation of N-protected 2-piperidinones. <i>Tetrahedron</i> , 2004, 60, 9757-9767.	1.9	34
24	Access to Optically Active 3-Aminopiperidines by Ring Expansion of Prolinols: Thermodynamic versus Kinetic Control. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2023-2040.	2.4	34
25	A Formal Synthesis of (β)-Paroxetine by Enantioselective Ring Enlargement of a Trisubstituted Prolinol. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 3543-3551.	2.4	33
26	Enantioselective Synthesis of β -Fluoroamines from β -Amino Alcohols: Application to the Synthesis of LY503430. <i>Organic Letters</i> , 2010, 12, 4620-4623.	4.6	33
27	Ring expansion: formal total synthesis of (β)-paroxetine. <i>Tetrahedron Letters</i> , 2001, 42, 5705-5707.	1.4	32
28	First Intramolecular Alkylation of Nitriles with Primary and Secondary Alcohols Catalyzed by Iridium Complexes. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4453-4456.	2.4	32
29	Radical cyclizations. A convergent total synthesis of (β)- β -lycorane. <i>Tetrahedron Letters</i> , 1999, 40, 1125-1128.	1.4	31
30	A new nitron from C2 symmetric piperidine for the synthesis of hydroxylated indolizidinone. <i>Tetrahedron Letters</i> , 2002, 43, 9357-9359.	1.4	31
31	Enantioselective Synthesis of SSR 241586 by Using an Organo-Catalyzed Henry Reaction. <i>Organic Letters</i> , 2010, 12, 3693-3695.	4.6	31
32	Asymmetric Synthesis of an Antagonist of Neurokinin Receptors: SSR 241586. <i>Journal of Organic Chemistry</i> , 2011, 76, 2594-2602.	3.2	31
33	A very useful and mild method for the protection and deprotection of carboxylic acids. <i>Tetrahedron Letters</i> , 1994, 35, 1539-1540.	1.4	30
34	Approaches to a synthesis of β -kainic acid. <i>Tetrahedron</i> , 1999, 55, 6153-6166.	1.9	29
35	Highly Enantioselective Synthesis of β -Amino Alcohols. <i>Organic Letters</i> , 2006, 8, 3509-3512.	4.6	29
36	The thermal rearrangement of N-alkyl-N-vinylpropargylamines into 2-methylpyrroles. A new synthesis of annulated[b]pyrroles. <i>Tetrahedron Letters</i> , 1996, 37, 6709-6710.	1.4	28

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37	Ring Expansion: Synthesis of the Velbanamine Piperidine Core. <i>Synlett</i> , 2001, 2001, 1575-1577.	1.8	28
38	A convenient route to spiropyrrolidinyl-oxindole alkaloids via C-3 substituted ene-pyrrolidine carbamate radical cyclization. <i>Tetrahedron Letters</i> , 1998, 39, 2331-2332.	1.4	27
39	Enantioselective Synthesis and Physicochemical Properties of Libraries of β -Amino- and β -Amidofluoropiperidines. <i>Chemistry - A European Journal</i> , 2014, 20, 3813-3824.	3.3	27
40	Modular, Concise, and Efficient Synthesis of Highly Functionalized 5-Fluoropyridazines by a [2 + 1]/[3 + 2]-Cycloaddition Sequence. <i>Organic Letters</i> , 2015, 17, 3414-3417.	4.6	27
41	A SHORT AND EFFICIENT SYNTHESIS OF ZAMIFENACIN A MUSCARINIC M3 RECEPTOR ANTAGONIST. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 1343-1344.	2.2	26
42	Base Effect on the Palladium Catalyzed β -Arylation of N-Benzyl-2-Piperidinones. <i>Synlett</i> , 2003, 2003, 2171-2174.	1.8	26
43	Reactivity of β -(Benzoyloxy)crotylstannane with Aldehydes in Liquid Phase and on Solid Support. Synthesis of Substituted Lactones. <i>Journal of Organic Chemistry</i> , 2001, 66, 7195-7198.	3.2	25
44	Ring Expansion of Functionalized Octahydroindoles to Enantiopure cis-Decahydroquinolines. <i>Journal of Organic Chemistry</i> , 2006, 71, 5930-5935.	3.2	24
45	Stereoselective Rearrangement of (Trifluoromethyl)prolinols to Enantioenriched 3-Substituted 2-(Trifluoromethyl)piperidines. <i>Organic Letters</i> , 2015, 17, 2916-2919.	4.6	24
46	A short formal synthesis of paroxetine. Diastereoselective cuprate addition to a chiral racemic olefinic amido ester. <i>Tetrahedron Letters</i> , 2001, 42, 7805-7807.	1.4	23
47	Synthesis of Functionalized 4-Fluoropyridazines. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 927-935.	2.7	23
48	Nickel-Catalyzed System for the Cross-Coupling of Alkenyl Methyl Ethers with Grignard Reagents under Mild Conditions. <i>Organic Letters</i> , 2018, 20, 1815-1818.	4.6	23
49	Synthesis of β -Hydroxy piperidic Acids. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 809-829.	2.4	22
50	Ring enlargement and ring contraction induced by DAST. <i>Arkivoc</i> , 2010, 2010, 126-159.	0.5	21
51	Synthesis of spiro[quinoline-2,4-piperidines] Heck versus radical reaction. <i>Tetrahedron Letters</i> , 1998, 39, 2965-2968.	1.4	20
52	A Formal Synthesis of (-)- β -Kainic Acid. <i>Synlett</i> , 1998, 1998, 507-509.	1.8	20
53	Ring Contraction of β -Hydroxy- β -(trifluoromethyl)piperidines: Synthesis of β -Substituted β -(Trifluoromethyl)pyrrolidines. <i>Chemistry - A European Journal</i> , 2015, 21, 12876-12880.	3.3	18
54	Access to Enantio-enriched Substituted β -Trifluoromethyl Azepanes from β -Proline. <i>Organic Letters</i> , 2018, 20, 5019-5022.	4.6	18

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55	Synthesis of Spiro[benzazepine-2,4-piperidine]. <i>Journal of Organic Chemistry</i> , 1998, 63, 4554-4557.	3.2	17
56	Palladium-Catalyzed Phosphonylation: Synthesis of C3-, C4-, and C5-Phosphonylated Pyrazoles. <i>Organic Letters</i> , 2013, 15, 5550-5553.	4.6	16
57	Highly Enantioselective Synthesis of Linear β -Amino Alcohols. <i>Chemistry - A European Journal</i> , 2009, 15, 1064-1070.	3.3	15
58	Synthesis of α -(Trifluoromethyl)pyridazine Derivatives. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3541-3553.	2.4	15
59	Synthesis of 2-(Alkylamino)benzotitriles from α -(Bromoaryl)amino nitriles. <i>Synthesis</i> , 1995, 1995, 1368-1370.	2.3	14
60	A Short Enantioselective Access to Pumiliotoxin 251D from L-Proline. <i>Synlett</i> , 1996, 1996, 909-910.	1.8	14
61	Diastereoselective conjugate addition of organocuprates to chiral racemic olefinic amido esters. Formal total synthesis of paroxetine. <i>New Journal of Chemistry</i> , 2003, 27, 475-482.	2.8	14
62	Rearrangement of N-alkyl 1,2-amino alcohols. Synthesis of (S)-toliprolol and (S)-propranolol. <i>Tetrahedron</i> , 2009, 65, 6696-6706.	1.9	14
63	Azetidiniums: Ring Expansion to Pyrrolidines, Piperidines, Azepanes, and Azocanes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 7103-7118.	2.4	14
64	A Very Short and Efficient Synthesis of Preclamol. <i>Letters in Organic Chemistry</i> , 2005, 2, 136-138.	0.5	14
65	Fluorine as a Regiocontrol Element in the Ring Opening of Bicyclic Aziridiniums. <i>Helvetica Chimica Acta</i> , 2012, 95, 2265-2277.	1.6	13
66	Catalytic Asymmetric Allylic Alkylation of α -Arylated Piperidinones. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4979-4985.	2.4	13
67	Ring opening of azetidiniums by nucleophiles. Synthesis of polysubstituted linear amines. <i>Chirality</i> , 2021, 33, 5-21.	2.6	13
68	New approaches to Corynanthe alkaloids involving the conjugate addition of dialkyl malonates to unsaturated thiolactams: Synthesis of (\pm)-3-epi-dihydrocorynantheol. <i>Tetrahedron Letters</i> , 1992, 33, 6633-6636.	1.4	12
69	A new [ABCD \rightarrow ABCDE] cycloaddition strategy for the approach to Yohimbe alkaloids : Stereoselective synthesis of (\pm)-3-epi-allo-yohimbone. <i>Tetrahedron Letters</i> , 1992, 33, 6637-6640.	1.4	12
70	An Easy and Efficient Access to 2-Bromo-4-methoxyaniline. <i>Synthetic Communications</i> , 1997, 27, 3525-3527.	2.1	11
71	Synthesis of Optically Active Substituted 3-Fluoropiperidines from Prolinols by Using DAST. <i>Synlett</i> , 2007, 2007, 0263-0267.	1.8	11
72	Enantioselective Ring Expansion of Prolinols: An Efficient and Short Synthesis of 2-Phenylpiperidin-3-ol Derivatives and 3-Hydroxypipercolic Acids. <i>Synlett</i> , 2009, 2009, 2157-2161.	1.8	11

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73	Synthesis of Two Neurokinin NK1 Receptor Antagonists: (+)-L-733,060 and (-)-L-733,061. <i>Heterocycles</i> , 2012, 86, 89.	0.7	9
74	Palladium-catalyzed phosphonylation of pyrazoles substituted by electron-withdrawing groups. <i>Tetrahedron</i> , 2015, 71, 7250-7259.	1.9	9
75	Synthesis of Optically Active β -Trifluoromethylamines by Rearrangement of β -Amino- β -trifluoromethyl Alcohols. <i>Organic Letters</i> , 2018, 20, 6017-6021.	4.6	9
76	β -Keto β -valerolactone: synthesis and use as methylvinylketone anion equivalent in Michael additions. <i>Tetrahedron Letters</i> , 1991, 32, 3063-3066.	1.4	8
77	An easy access to substituted aminopyranones from L-pyroglutamic acid. <i>Tetrahedron Letters</i> , 1996, 37, 8173-8174.	1.4	8
78	Revision of structure of a C ₅ H ₈ O ₃ substance generated in the pyrolysis of biomass materials. <i>Tetrahedron Letters</i> , 1991, 32, 3067-3068.	1.4	7
79	Synthesis of Substituted β -Trifluoromethyl Piperidinic Derivatives. <i>Molecules</i> , 2017, 22, 483.	3.8	7
80	The iodocyclization of unsaturated dihydroxysulfonamide derivatives. N- versus O-cyclization. <i>Tetrahedron Letters</i> , 2001, 42, 251-254.	1.4	6
81	Synthesis of 2-Fluoroalkyl 4-Substituted Azepanes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5497-5507.	2.4	6
82	A Convenient Procedure for the Conversion Of N-Boc Protected Pyrrolidinone Derivatives Into Their Corresponding Enecarbamates. <i>Synthetic Communications</i> , 1997, 27, 2769-2776.	2.1	5
83	Synthesis of LY503430 by using a selective rearrangement of β -amino alcohols induced by DAST. <i>Arkivoc</i> , 2014, 2014, 239-255.	0.5	5
84	Efficient Enantioselective Formal Synthesis of Ro 67-8867, a NMDA 2B Receptor Antagonist. <i>Synlett</i> , 2005, 2005, 1170-1172.	1.8	3
85	Stereospecific Rearrangement of β -Amino Alcohols Catalyzed by H ₂ SO ₄ . <i>Synlett</i> , 2007, 2007, 2888-2890.	1.8	3
86	Enantioselective ring expansion of prolinols and ring-closing metathesis: formal synthesis of (-)-swainsonine. <i>Arkivoc</i> , 2007, 2007, 38-45.	0.5	3
87	Simple Preparation of 3-Aryl 2-Piperidinones. <i>Synthesis</i> , 2004, 2004, 2930-2933.	2.3	2
88	Ring Expansion "Formation of Optically Active 3-Hydroxypiperidines from Pyrrolidinemethanol Derivatives. , 1999, 1999, 1693.		2
89	Synthesis of Amino Alcohol Derivatives from (l)-Pyroglutamic Acid on Solid-Phase. <i>Synlett</i> , 2000, 2000, 409-411.	1.8	1
90	Enantioselective Ring Expansion via Aziridinium Intermediates: Synthesis of Substituted Piperidines from Substituted Pyrrolidines "Synthetic Applications. <i>ChemInform</i> , 2004, 35, no.	0.0	1

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91	Synthesis of Azocanes from Piperidines via an Azetidinium Intermediate. Chemistry - A European Journal, 2021, 27, 16325-16328.	3.3	1
92	Palladium-Catalyzed Intermolecular α -Arylation of N-Protected 2-Piperidinones.. ChemInform, 2003, 34, no.	0.0	0
93	Base Effect on the Palladium-Catalyzed α -Arylation of N-Benzyl-2-piperidinones.. ChemInform, 2004, 35, no.	0.0	0
94	Palladium-Catalyzed α -Arylation of N-Protected 2-Piperidinones.. ChemInform, 2005, 36, no.	0.0	0