Francisco J Sayago

List of Publications by Year
in descending order

40 papers	907 citations	471509 17 h-index	477307 29 g-index
49 all docs	49 docs citations	49 times ranked	1313 citing authors

#	Article	IF	Citations
1	Nanoparticle-induced vascular blockade in human prostate cancer. Blood, 2010, 116, 2847-2856.	1.4	149
2	Synthesis of quaternary Î±-aminophosphonic acids. Tetrahedron, 2012, 68, 6369-6412.	1.9	82
3	An update on the stereoselective synthesis of Î±-aminophosphonic acids and derivatives. Tetrahedron, 2015, 71, 1745-1784.	1.9	82
4	Amideâ€"triazole isosteric substitution for tuning self-assembly and incorporating new functions into soft supramolecular materials. Chemical Communications, 2015, 51, 5294-5297.	4.1	45
5	An easy route to seven-membered iminocyclitols from aldohexopyranosyl enamines. Tetrahedron: Asymmetry, 2002, 13, 1743-1753.	1.8	37
6	Efficient access to (1H)-isoindolin-1-one-3-carboxylic acid derivatives by orthopalladation and carbonylation of methyl arylglycinate substrates. Tetrahedron, 2011, 67, 4185-4191.	1.9	34
7	Access to the <i>cis</i>â€Fused Stereoisomers of Proline Analogues Containing an Octahydroindole Core. European Journal of Organic Chemistry, 2011, 2011, 2011-2028.	2.4	32
8	Cyclopalladation and Reactivity of Amino Esters through Cï£¿H Bond Activation: Experimental, Kinetic, and Density Functional Theory Mechanistic Studies. Chemistry - A European Journal, 2013, 19, 17398-17412.	3.3	30
9	Synthesis of Phosphoproline Derivatives with an Octahydroisoindole Structure. European Journal of Organic Chemistry, 2011, 2011, 6732-6738.	2.4	28
10	Dynamic Kinetic Resolution of 1,3-Dihydro-2H-isoindole-1-carboxylic Acid Methyl Ester: Asymmetric Transformations toward Isoindoline Carbamates. Organic Letters, 2012, 14, 1696-1699.	4.6	28
11	Stereodivergent Synthesis of Two Novel Î±â€Aminophosphonic Acids Characterised by a <i>cis</i>â€Fused Octahydroindole System. European Journal of Organic Chemistry, 2011, 2011, 3074-3081.	2.4	27
12	Stereoselective Synthesis of Î±-Amino-C-phosphinic Acids and Derivatives. Molecules, 2016, 21, 1141.	3.8	24
13	Remote Substituent Effects on the Stereoselectivity and Organocatalytic Activity of Densely Substituted Unnatural Proline Esters in Aldol Reactions. European Journal of Organic Chemistry, 2015, 2015, 2503-2516.	2.4	23
14	Efficient access to enantiomerically pure cyclic Î±-amino esters through a lipase-catalyzed kinetic resolution. Tetrahedron: Asymmetry, 2008, 19, 1714-1719.	1.8	22
15	Expeditious synthesis of sulfoazetidine spiro-C-glycosides from ketose acetals. Tetrahedron, 2006, 62, 915-921.	1.9	18
16	Efficient access to N-protected derivatives of (R,R,R)- and (S,S,S)-octahydroindole-2-carboxylic acid by HPLC resolution. Tetrahedron: Asymmetry, 2007, 18, 2358-2364.	1.8	18
17	Versatile methodology for the synthesis and Î±-functionalization of (2R,3aS,7aS)-octahydroindole-2-carboxylic acid. Tetrahedron, 2008, 64, 84-91.	1.9	18
18	Aldolase-Catalyzed Synthesis of Conformationally Constrained Iminocyclitols: Preparation of Polyhydroxylated Benzopyrrolizidines and Cyclohexapyrrolizidines. Organic Letters, 2014, 16, 1422-1425.	4.6	17

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19	Quantum-chemical predictions of redox potentials of carbamates in methanol. Physical Chemistry Chemical Physics, 2011, 13, 17696.	2.8	16
20	Ru-catalyzed C H functionalization of phenylglycine derivatives: Synthesis of isoquinoline-1-carboxylates and isoindoline-1-carboxylates. Journal of Molecular Catalysis A, 2017, 426, 407-418.	4.8	16
21	Practical access to the proline analogs (<i>S</i>,<i>S</i>,<i>S</i>)â€•and (<i>R</i>,<i>R</i>,<i>R</i>)â€2â€methyloctahydroindoleâ€2â€carboxylic acids by HPLC enantioseparation. Chirality, 2011, 23, 507-513.	2.6	15
22	Engineering strategy to improve peptide analogs: from structure-based computational design to tumor homing. Journal of Computer-Aided Molecular Design, 2013, 27, 31-43.	2.9	14
23	First Synthesis of (<i>R</i>)â€•and (<i>S</i>)â€1,2,3,4â€Tetrahydroisoquinolineâ€3â€phosphonic Acid (Tic^P) Using a Pictetâ€“Spengler Reaction. European Journal of Organic Chemistry, 2016, 2016, 2711-2719.	2.4	13
24	Anhydroazasugars as key intermediates in the stereocontrolled preparation of azasugars and their ethyl thioglycosides. Tetrahedron: Asymmetry, 2004, 15, 603-615.	1.8	12
25	d-Ribofuranosylenamine: a versatile starting material for preparing azasugar thioglycosides and building blocks for thioureylene-di-nucleosides. Tetrahedron: Asymmetry, 2004, 15, 3783-3789.	1.8	11
26	First Practical and Efficient Synthesis of 3â€Phosphorylated Î²â€Carboline Derivatives Using the Pictetâ€“Spengler Reaction. European Journal of Organic Chemistry, 2015, 2015, 1084-1091.	2.4	11
27	Stereoselective synthesis of azasugar thioglycosides. Tetrahedron Letters, 2003, 44, 6605-6608.	1.4	10
28	A straightforward route to enantiopure Î±-substituted derivatives of (2S,3aS,7aS)-octahydroindole-2-carboxylic acid. Tetrahedron, 2009, 65, 5174-5180.	1.9	10
29	Enzymatic and chromatographic resolution procedures applied to the synthesis of the phosphoproline enantiomers. Tetrahedron: Asymmetry, 2015, 26, 1469-1477.	1.8	10
30	Synthesis of [<i>c</i>]â€Fused Bicyclic Proline Analogues. European Journal of Organic Chemistry, 2015, 2015, 1633-1658.	2.4	8
31	Lipase-catalyzed dynamic kinetic resolution of dimethyl (1,3-dihydro-2H-isoindol-1-yl)phosphonate. Tetrahedron, 2016, 72, 7311-7316.	1.9	7
32	Stereoselective Synthesis of Î±-Amino-H-phosphinic Acids and Derivatives. Synthesis, 2017, 49, 987-997.	2.3	7
33	Stereocontrolled synthesis of iminocyclitols with an ether bridge. Tetrahedron, 2007, 63, 4695-4702.	1.9	6
34	New approaches towards the synthesis of 1,2,3,4-tetrahydro isoquinoline-3-phosphonic acid (TicP). Amino Acids, 2021, 53, 451-459.	2.7	6
35	An Improved Synthesis of the Antibiotic Dehydrophos. European Journal of Organic Chemistry, 2018, 2018, 3965-3973.	2.4	5
36	Towards the stereoselective synthesis of Î±-methylated (2S,3aS,7aS)-octahydroindole-2-carboxylic acid. Tetrahedron: Asymmetry, 2008, 19, 2763-2766.	1.8	4

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37	Ring contraction of glycopyranosyl enamines: an easy route to furanoid thioglycosides of 5-aminosugars. Tetrahedron: Asymmetry, 2004, 15, 2003-2010.	1.8	3
38	Synthesis and biological activity of dehydrophos derivatives. Organic and Biomolecular Chemistry, 2019, 17, 1097-1112.	2.8	3
39	1â€Aminovinylphosphonate Esters as Substrates for the Dielsâ€Alder Reaction: First Synthetic and Theoretical Study. European Journal of Organic Chemistry, 2019, 2019, 1268-1272.	2.4	3
40	Synthesis of trans-fused Octahydroisoindole-1-carboxylic Acids. Letters in Organic Chemistry, 2018, 15, 404-411.	0.5	3