

# Yolanda Diaz

## List of Publications by Year in descending order

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62  
papers

1,706  
citations

279798

23  
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302126

39  
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86  
docs citations

86  
times ranked

1705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Revealing 2-dimethylhydrazino-2-alkyl alkynyl sphingosine derivatives as sphingosine kinase 2 inhibitors: Some hints on the structural basis for selective inhibition. <i>Bioorganic Chemistry</i> , 2022, 121, 105668.	4.1	2
2	Enantioselective Synthesis of 3- <i>H</i> -Heterosubstituted-2- <i>C</i> -Amino-1- <i>l</i> -ols by Sequential Metal-Free Diene Aziridination/Kinetic Resolution. <i>Chemistry - A European Journal</i> , 2019, 25, 12628-12635.	3.3	4
3	Enantioselective Synthesis of Aminodiols by Sequential Rhodium-Catalysed Oxyamination/Kinetic Resolution: Expanding the Substrate Scope of Amidine-Based Catalysis. <i>Chemistry - A European Journal</i> , 2018, 24, 4635-4642.	3.3	15
4	Fluorinated triazole-containing sphingosine analogues. Syntheses and in vitro evaluation as SPHK inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7230-7235.	2.8	7
5	Highly reactive 2-deoxy-2-iodo- <i>allo</i> and <i>gulo</i> pyranosyl sulfoxide donors ensure 1 <sup>2</sup> -stereoselective glycosylations with steroidal aglycones. <i>RSC Advances</i> , 2018, 8, 30076-30079.	3.6	5
6	Chemical Access to <i>Sarmentose</i> Units Enables the Total Synthesis of Cardenolide Monoglycoside N-1 from <i>Nerium oleander</i> . <i>Journal of Organic Chemistry</i> , 2017, 82, 3327-3333.	3.2	9
7	Metal-free and VOC-free O-glycosylation in supercritical CO <sub>2</sub> . <i>Green Chemistry</i> , 2017, 19, 2687-2694.	9.0	19
8	Palladium-catalyzed allylic amination: a powerful tool for the enantioselective synthesis of acyclic nucleoside phosphonates. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7227-7234.	2.8	9
9	Substrate-Regiocontrolled Synthesis of Enantioenriched Allylic Amines by Palladium-Catalysed Asymmetric Allylic Amination: Formal Synthesis of Fagomine. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 4057-4066.	4.3	8
10	Enantioselective Formal Synthesis of Nectrisine Using a Palladium-Catalyzed Asymmetric Allylic Amination and Cross-Metathesis as Key Steps. <i>Journal of Organic Chemistry</i> , 2016, 81, 5217-5221.	3.2	5
11	Synthesis of a <i>P</i> -Stereogenic PNP <sup><i>t</i>Bu,Ph</sup> Ruthenium Pincer Complex and Its Application in Asymmetric Reduction of Ketones. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3666-3669.	2.4	22
12	Conformationally-locked N-glycosides: Exploiting long-range non-glycone interactions in the design of pharmacological chaperones for Gaucher disease. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 258-266.	5.5	15
13	Rhodium-catalyzed regio- and stereoselective oxyamination of dienes via tandem aziridination/ring-opening of dienyl carbamates. <i>Chemical Communications</i> , 2014, 50, 7344-7347.	4.1	31
14	Ruthenium-catalyzed cross-metathesis with electron-rich phenyl vinyl sulfide enables access to 2,3-dideoxy-d-ribofuranose ring system donors. <i>RSC Advances</i> , 2014, 4, 19794-19799.	3.6	9
15	Syntheses of a Novel Fluorinated Trisphosphinoborate Ligand and Its Copper and Silver Complexes. Catalytic Activity toward Nitrene Transfer Reactions. <i>Inorganic Chemistry</i> , 2014, 53, 3991-3999.	4.0	26
16	Tuning the Stereoelectronic Properties of 1-Sulfanylhex-1-enitols for the Sequential Stereoselective Synthesis of 2-Deoxy-2-iodo-1 <sup>2</sup> -d-allopyranosides. <i>Journal of Organic Chemistry</i> , 2014, 79, 3060-3068.	3.2	12
17	Advances in the enantioselective synthesis of carbocyclic nucleosides. <i>Chemical Society Reviews</i> , 2013, 42, 5056.	38.1	95
18	Mn(III) complexes with tridentate N,N,O-ligands as catalysts for the epoxidation of alkenes. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2567-2577.	2.2	10

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19	Conformationally-Locked <i>N</i> -Glycosides with Selective $\beta$ -Glucosidase Inhibitory Activity: Identification of a New Non-Iminosugar-Type Pharmacological Chaperone for Gaucher Disease. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6857-6865.	6.4	36
20	Sequential Directed Epoxydation-Acidolysis from Glycals with MCPBA. A Flexible Approach to Protected Glycosyl Donors. <i>Journal of Organic Chemistry</i> , 2011, 76, 9622-9629.	3.2	7
21	Enantioselective Synthesis of Jaspine B (Pachastrissamine) and Its $\alpha$ and/or $\beta$ Epimers. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1514-1519.	2.4	34
22	Synthesis of Hyperbranched $\beta$ -Galceramide-Containing Dendritic Polymers that Bind HIV-1 gp120. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2657-2660.	2.4	15
23	Stereoselective Tandem Epoxidation-Alcoholysis/Hydrolysis of Glycals with Molybdenum Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3407-3418.	4.3	14
24	Studies on the Zn(II)-mediated electrophilic selenocyclization and elimination of 3,4-O-isopropylidene-protected hydroxyalkenyl sulfides: synthesis of a 2-phenylselenenyl glycal. <i>Carbohydrate Research</i> , 2010, 345, 1041-1045.	2.3	7
25	Recent Advances in the Synthesis of Sphingosine and Phytosphingosine, Molecules of Biological Significance. <i>Current Organic Chemistry</i> , 2010, 14, 2483-2521.	1.6	47
26	Short and General Procedure for Synthesizing Cis-1,2-Fused 1,3-Oxathiolan-, 1,3-Oxaselenolan-, and 1,3-Oxazolidin-2-imine Carbohydrate Derivatives. <i>Journal of Organic Chemistry</i> , 2010, 75, 514-517.	3.2	17
27	Synthesis of <i>d/l</i> -erythro-Sphingosine Using a Tethered Aminohydroxylation Reaction as the Key Step. <i>Synthesis</i> , 2009, 2009, 710-712.	2.3	1
28	Efficient Synthesis of $\beta$ -Glycosphingolipids by Reaction of Stannylceramides with Glycosyl Iodides Promoted by TBAI/AW 300 Molecular Sieves. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3849-3852.	2.4	16
29	Designing an effective approach for obtaining methylenecarboxylate analogues of adenophostin A. Preliminary results. <i>Carbohydrate Research</i> , 2009, 344, 2559-2567.	2.3	5
30	An Efficient and General Enantioselective Synthesis of Sphingosine, Phytosphingosine, and 4-Substituted Derivatives. <i>Organic Letters</i> , 2009, 11, 205-208.	4.6	64
31	Direct and Efficient Glycosylation Protocol for Synthesizing $\beta$ -Glycolipids: Application to the Synthesis of KRN7000. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1851-1854.	2.4	19
32	Towards the preparation of 2-deoxy-2-fluoro-adenophostin A. Study of the glycosylation reaction. <i>Tetrahedron</i> , 2008, 64, 10906-10911.	1.9	13
33	Asymmetric sulfur ylide based enantioselective synthesis of <i>D</i> -erythro-sphingosine. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4502.	2.8	35
34	Stannyl ceramides as efficient acceptors for synthesising $\beta$ -galactosyl ceramides. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3831.	2.8	9
35	Highly efficient and stereoselective synthesis of $\beta$ -glycolipids. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 443-446.	2.8	24
36	Synthesis of <i>d</i> - and <i>l</i> -Carbocyclic Nucleosides via Rhodium-Catalyzed Asymmetric Hydroacylation as the Key Step. <i>Organic Letters</i> , 2008, 10, 4735-4738.	4.6	54

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37	Synthesis of 2-Iodoglycals, Glycals, and 1,1'-Disaccharides from 2-Deoxy-2-iodopyranoses under Dehydrative Glycosylation Conditions. <i>Journal of Organic Chemistry</i> , 2007, 72, 8998-9001.	3.2	31
38	Stereoselective Synthesis of 2-Deoxyglycosides from Sulfanyl Alkenes by Consecutive $\alpha$ -One Pot Cyclization and Glycosylation Reactions. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2470-2476.	2.4	16
39	Stereoselective Synthesis of 2-Deoxy-2-phenylselenenyl Glycosides from Furanoses: Implication of the Phenylselenenyl Group in the Stereocontrolled Preparation of 2-Deoxy-ribo- and 2-Deoxy-xylo-oligosaccharides. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3564-3572.	2.4	21
40	Recent advances in the glycosylation of sphingosines and ceramides. <i>Carbohydrate Research</i> , 2007, 342, 1595-1612.	2.3	57
41	Synthesis of carbohydrate-based vinyl selenides via Wittig-type reactions. <i>Carbohydrate Research</i> , 2007, 342, 736-743.	2.3	8
42	A study of the oxepane synthesis by a 7-endo electrophile-induced cyclization reaction of alkenylsulfides. An approach towards the synthesis of septanosides. <i>Arkivoc</i> , 2007, 2007, 364-379.	0.5	0
43	General Method for Synthesizing Pyranoid Glycals. A New Route to Allal and Gulal Derivatives. <i>Organic Letters</i> , 2006, 8, 673-675.	4.6	29
44	New C2- and C1-Symmetric Phosphorus Ligands Based on Carbohydrate Scaffolds and Their Use in the Iridium-Catalysed Hydrogenation of Ketimines. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 627-633.	2.4	30
45	C1 and C2-Symmetric Carbohydrate Phosphorus Ligands in Asymmetric Catalysis. <i>ChemInform</i> , 2005, 36, no.	0.0	0
46	C1 and C2-symmetric carbohydrate phosphorus ligands in asymmetric catalysis. <i>Chemical Society Reviews</i> , 2005, 34, 702.	38.1	115
47	Stereoselective Synthesis of 2-Deoxy-2-iodo-glycosides from Furanoses. A New Route to 2-Deoxy-glycosides and 2-Deoxy-oligosaccharides of ribo and xylo Configuration. <i>Journal of Organic Chemistry</i> , 2005, 70, 10297-10310.	3.2	31
48	Carbohydrate derivative ligands in asymmetric catalysis. <i>Coordination Chemistry Reviews</i> , 2004, 248, 2165-2192.	18.8	170
49	C2-Symmetric Diphosphinite Ligands Derived from Carbohydrates. The Strong Influence of Remote Stereocenters on Asymmetric Rhodium-Catalyzed Hydrogenation. <i>Journal of Organic Chemistry</i> , 2004, 69, 7502-7510.	3.2	31
50	Stereoselective Synthesis of Homochiral Substituted Tetrahydrothiophenes by Electrophile-Promoted Thioetherification. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 209-216.	2.4	15
51	Stereoselective Synthesis of Homochiral Substituted Tetrahydrothiophenes by Electrophile-Promoted Thioetherification.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
52	Stereoselective synthesis of l-isonucleosides. <i>Tetrahedron Letters</i> , 2003, 44, 3771-3773.	1.4	11
53	Synthesis of amino-1,4-anhydro-d-pentitols and amino-1,5-anhydro-d-hexitols with the arabino configuration from (R)-glycidol. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1847-1856.	1.8	13
54	Phenyl 2-Deoxy-2-iodo-1-thio-glycosides: New Glycosyl Donors for the Stereoselective Synthesis of 2-Deoxy-oligosaccharides. <i>Synlett</i> , 2003, 2003, 2143-2146.	1.8	0

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55	Stereoselective synthesis of both enantiomers of 1,4-anhydro-alditols, 1,4-anhydro-2-amino-alditols and d- and l-isonucleosides from 2,3-O-isopropylidene-d-glyceraldehyde using iodine-induced cyclization as the key step. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1635-1643.	1.8	15
56	The reaction of pyranoside 2-uloses with DAST revised. Synthesis of 1-fluoro-ketofuranosyl fluorides and their reactivity with alcohols. <i>Tetrahedron</i> , 2001, 57, 6733-6743.	1.9	18
57	Synthesis of erythro and threo furanoid glycals from 1- and 2-phenylselenenyl- $\alpha$ -carbohydrate derivatives. <i>Carbohydrate Research</i> , 2001, 336, 83-97.	2.3	23
58	Stereoselective Glycosylations of a Family of 6-Deoxy-1,2-glycals Generated by Catalytic Alkynol Cycloisomerization. <i>Journal of the American Chemical Society</i> , 2000, 122, 4304-4309.	13.7	196
59	Synthesis of Purine and Pyrimidine Isodideoxynucleosides from (S)-Glycydol Using Iodoetherification as Key Step. Synthesis of (S,S)-iso-ddA1. <i>Journal of Organic Chemistry</i> , 1999, 64, 6508-6511.	3.2	38
60	Stereoselective Synthesis of 2 $\beta$ ,3 $\beta$ -Dideoxynucleosides by Addition of Selenium Electrophiles to Glycals. A Formal Synthesis of D4T from 2-Deoxyribose. <i>Journal of Organic Chemistry</i> , 1997, 62, 1501-1505.	3.2	44
61	Synthesis of 2 $\beta$ -deoxy-2 $\beta$ -phenylselenenyl-furanosyl nucleosides from glycals using electrophilic selenium reagents. Conversion into 2 $\beta$ -deoxynucleosides. <i>Tetrahedron</i> , 1997, 53, 10921-10938.	1.9	26
62	Selenium-controlled stereoselective synthesis of 2 $\beta$ -deoxynucleosides from glycals. A formal synthesis of AZT. <i>Tetrahedron Letters</i> , 1993, 34, 2821-2822.	1.4	33