

# Silvana Pedatella

## List of Publications by Year in descending order

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45  
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docs citations

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#	ARTICLE	IF	CITATIONS
1	A New and Versatile Allylic Alcohol Anion and Acyl $\hat{I}^2$ -Anion Equivalent for Three-Carbon Homologations. <i>Journal of Organic Chemistry</i> , 1997, 62, 9369-9371.	3.2	41
2	A General Approach to the Synthesis of 1-Deoxy-l-imosugars. <i>Organic Letters</i> , 2007, 9, 3473-3476.	4.6	39
3	Mild Synthesis of Protected $\hat{I}^2$ -D-Glycosyl Iodides. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 3147-3150.	2.4	35
4	Proline- $\hat{I}^2$ -Amino-Ester Dipeptides as Efficient Catalysts for Enantioselective Direct Aldol Reaction in Aqueous Medium. <i>Journal of Organic Chemistry</i> , 2009, 74, 9562-9565.	3.2	33
5	Diastereoselective desulfurization of 5,6-dihydro-1,4-dithiins. Synthesis of muscalure from <i>Musca domestica</i> L. <i>Tetrahedron</i> , 1994, 50, 7265-7268.	1.9	28
6	Diastereo- and Enantioselective Direct Aldol Reactions in Aqueous Medium: A New Highly Efficient Proline- $\hat{I}^2$ -Sugar Chimeric Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1443-1446.	4.3	27
7	A Versatile Route to Hexoses: $\hat{I}^2$ Synthesis of l-Mannose and l-Altrose. <i>Organic Letters</i> , 2006, 8, 4863-4866.	4.6	25
8	d-Glucosamine in a chimeric prolinamide organocatalyst for direct asymmetric aldol addition. <i>Carbohydrate Research</i> , 2012, 356, 273-277.	2.3	25
9	Design and synthesis of sialyl Lex mimetics based on carbocyclic scaffolds derived from ( $\hat{I}^2$ ) quinic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 2729-2734.	2.2	23
10	Identification of novel microsomal prostaglandin E2 synthase-1 (mPGES-1) lead inhibitors from Fragment Virtual Screening. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 278-287.	5.5	19
11	$\hat{I}^2$ -Amino- $\hat{I}^2$ -hydroxy Esters by Asymmetric Hydroxylation of homo- $\hat{I}^2$ -Amino Acid Esters. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 3050-3054.	2.4	18
12	Synthesis of 4-Deoxy-l-(and d-)hexoses from Chiral Noncarbohydrate Building Blocks. <i>Journal of Organic Chemistry</i> , 2004, 69, 7033-7037.	3.2	17
13	NF- $\hat{I}^2$ -Dependent Production of ROS and Restriction of HSV-1 Infection in U937 Monocytic Cells. <i>Viruses</i> , 2019, 11, 428.	3.3	16
14	$\hat{I}^2$ -Tolylsulfinylation of Ketones via Their Trimethylsilyl Enol Ethers. One-Step Synthesis of $\hat{I}^2$ -Ketosulfoxides. <i>Synthetic Communications</i> , 1993, 23, 1515-1522.	2.1	15
15	Stereoselective Synthesis of Fully Protected (S)-1,7-Dioxaspiro[5,5]undec-4-ene Derivatives of Sugars. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 2617-2621.	2.4	15
16	Efficient synthesis of orthogonally protected anti-2,3-diamino acids. <i>Tetrahedron</i> , 2005, 61, 6575-6579.	1.9	15
17	Asymmetric induction in the coupling of 5,6-dihydro-1,4-dithiins with chiral aldehydes. A new synthetic approach to polyhydroxylated compounds. <i>Tetrahedron</i> , 1996, 52, 11857-11866.	1.9	14
18	Studies towards lipid A: a synthetic strategy for the enantioselective preparation of 3-hydroxy fatty acids. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2839-2841.	1.8	13

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19	A novel approach to the stereocontrolled synthesis of C-vinyl $\hat{1}^2$ -d-galactopyranosides. Carbohydrate Research, 2003, 338, 1877-1880.	2.3	12
20	Antitumor agents 7. Synthesis, antiproliferative activity and molecular modeling of new L-lysine-conjugated pyridophenoxazinones as potent DNA-binding ligands and topoisomerase III $\hat{\pm}$ inhibitors. European Journal of Medicinal Chemistry, 2020, 187, 111960.	5.5	12
21	Asymmetric Synthesis of 1,3-Dithiolane Nucleoside Analogues. European Journal of Organic Chemistry, 2003, 2003, 346-350.	2.4	11
22	Microwave-assisted oxidation of silibinin: a simple and preparative method for the synthesis of improved radical scavengers. Tetrahedron Letters, 2013, 54, 6279-6282.	1.4	11
23	Synthesis of C-Protected 2,2-Dideutero $\hat{1}^2$ -Amino Acids. Synthesis, 2006, 2006, 4013-4016.	2.3	10
24	A New Strategy for the Asymmetric Synthesis of 1,3-Oxathiolane-Based Nucleoside Analogues. European Journal of Organic Chemistry, 1999, 1999, 1455-1458.	2.4	9
25	New sialyl Lewis x mimic containing an $\hat{1}^{\pm}$ -substituted $\hat{1}^2$ -amino acid spacer. Carbohydrate Research, 2008, 343, 31-38.	2.3	9
26	Chemistry of EthanediyliS, S-Acetals. VII. A Stereoselective Synthesis of Allylic Alcohols with cis-Configured Double Bond. Synthetic Communications, 1994, 24, 1223-1229.	2.1	8
27	Chemistry of Ethanediyli X, S-Acetals 12. Diastereoselective Synthesis of (E) Alkyl Vinyl Ethers. Synlett, 1995, 1995, 1274-1274.	1.8	8
28	Highly diastereoselective preparation of anti- $\hat{1}^{\pm}$ , $\hat{1}^2$ -dialkyl $\hat{1}^2$ -amino acids containing natural $\hat{1}^{\pm}$ -amino acid side chains. Tetrahedron, 2007, 63, 12202-12206.	1.9	8
29	Mild and Regiospecific Phosphorylation of Nucleosides. Synlett, 1997, 1997, 917-918.	1.8	7
30	A facile stereospecific synthesis of chiral $\hat{1}^2$ -keto sulfoxides. Tetrahedron: Asymmetry, 1999, 10, 3463-3466.	1.8	7
31	Mild Stereoselective Synthesis of Fully Protected 1,6-Dioxaspiro[4.5]dec-3-ene Derivatives of Sugars. European Journal of Organic Chemistry, 2002, 2002, 534-536.	2.4	7
32	Chemistry of Ethanediyli S, S-Acetals 9-Asymmetric Synthesis of Chiral cis-Allylic Alcohols. Synthetic Communications, 1995, 25, 1517-1522.	2.1	6
33	An expeditious procedure for the synthesis of isotopically labelled fatty acids: preparation of 2,2-d $\hat{2}$ -nonadecanoic acid. Journal of Labelled Compounds and Radiopharmaceuticals, 2006, 49, 675-682.	1.0	5
34	A One-Step Synthesis of 2,3-Dihydro-1,4-benzothiazines and Phenothiazines from 1,3-Thiazolidine Derivatives of Cyclohexanones. Heterocycles, 1993, 36, 1641.	0.7	4
35	A General Route to D- and L-Six-Membered Nucleoside Analogues. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 959-962.	1.1	4
36	Microwave-Assisted Synthesis of Pyridophenoxazinones, a Class of Antiproliferative Compounds. ChemistrySelect, 2016, 1, 1292-1295.	1.5	4

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37	Reactivity of Ethanediyyl S,S-Acetals – 5. On the Aromatization of the Ring A in 3-Oxosteroid Derivatives. <i>Heterocycles</i> , 1993, 36, 281.	0.7	4
38	A Versatile Synthesis of Enantiomerically Pure D- and L-Pyranosyl Nucleoside Analogues. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 651-652.	0.5	3
39	A New Approach to The Synthesis of Enantiomerically Pure 4-Deoxy Sugars. <i>Journal of Carbohydrate Chemistry</i> , 2000, 19, 631-634.	1.1	3
40	Triphenylphosphine Polymer-Bound/Iodine Complex: A Suitable Reagent for the Preparation of O-Isopropylidene Sugar Derivatives. <i>Synthesis</i> , 2006, 2006, 305-308.	2.3	3
41	Se-(2-aminoalkyl)selenocysteines as biochemical redox agents. A tool to contrast cell injury induced by aflatoxin B1 in HepG2 cells. <i>Amino Acids</i> , 2014, 46, 459-470.	2.7	3
42	A New Three Carbon Homologation Via Sulfur Containing Heterocyclic Systems. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999, 153, 409-410.	1.6	1
43	An <sup>1</sup> H NMR study of the cytarabine degradation in clinical conditions to avoid drug waste, decrease therapy costs and improve patient compliance in acute leukemia. <i>Anti-Cancer Drugs</i> , 2020, 31, 67-72.	1.4	1
44	Stereoselective Synthesis of Selenium-Containing Glycoconjugates via the Mitsunobu Reaction. <i>Molecules</i> , 2021, 26, 2541.	3.8	1
45	N-4 Alkyl Cytosine Derivatives Synthesis: A New Approach. <i>Reactions</i> , 2022, 3, 192-202.	2.1	0