

# Carmen Concellán

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3367224/publications.pdf>

Version: 2024-02-01

50  
papers

1,348  
citations

361413

20  
h-index

361022

35  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1221  
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadening the Scope of Steroidal Scaffolds: The Umpolung of a Bis-Primary Amine Precatalyst for the Insertion of CO <sub>2</sub> into Epoxides. <i>Organic Letters</i> , 2020, 22, 6988-6992.	4.6	5
2	On the impact of a phosphoryl group in the recognition capabilities of 2-aminopyridines toward carboxylic acids. <i>Theoretical Chemistry Accounts</i> , 2019, 138, 1.	1.4	1
3	Mimicking Enzymes: Asymmetric Induction inside a Carbamate-Based Steroidal Cleft. <i>Organic Letters</i> , 2019, 21, 3994-3997.	4.6	3
4	Unraveling the Role of Supramolecular Additives in a Proline-Catalyzed Reaction. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 188-198.	2.4	0
5	(S)-Isoleucine in a Choline Chloride/Ethylene Glycol Deep Eutectic Solvent: A Reusable Reaction Kit for the Asymmetric Cross-Aldol Carbonylation. <i>Organic Letters</i> , 2016, 18, 4266-4269.	4.6	31
6	General Preparation of 1-Substituted (E)-1,3-Dienes under Mild Conditions. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2524-2530.	2.4	5
7	Cooperative Guanidinium/Proline Organocatalytic Systems. <i>Topics in Heterocyclic Chemistry</i> , 2015, , 1-26.	0.2	0
8	Aza-Reformatsky Reaction Promoted by Catalytic Samarium Diiodide: Synthesis of $\beta$ -Amino Esters or Amides. <i>Synlett</i> , 2014, 25, 1709-1712.	1.8	7
9	Highly enantioselective synthesis of $\beta$ -azido- $\beta$ -hydroxy methyl ketones catalyzed by a cooperative proline-guanidinium salt system. <i>Chemical Communications</i> , 2014, 50, 2598.	4.1	40
10	Synthesis of Highly Functionalized Enantiopure Halocyclopropanes Derived from Carbohydrates. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4953-4961.	2.4	4
11	General Metal-Free Baeyer-Villiger-Type Synthesis of Vinyl Acetates. <i>Organic Letters</i> , 2013, 15, 2810-2813.	4.6	41
12	Stereoselective Synthesis of Carbohydrate-Derived N-Sulfonyl Aziridines. <i>Synlett</i> , 2013, 24, 181-184.	1.8	7
13	Switching Diastereoselectivity in Proline-Catalyzed Aldol Reactions. <i>Journal of Organic Chemistry</i> , 2012, 77, 10375-10381.	3.2	53
14	TBD/Al <sub>2</sub> O <sub>3</sub> : a novel catalytic system for dynamic intermolecular aldol reactions that exhibit complex system behaviour. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1976.	2.8	20
15	TBD-catalyzed $\beta$ -sulfenylation of cyclic ketones: desymmetrization of 4-substituted cyclohexanones. <i>Tetrahedron</i> , 2012, 68, 6438-6446.	1.9	14
16	Samarium-Promoted Asymmetric Aldol-Tishchenko Reaction: Synthesis of Amino Acid-Derived 4-Amino-1,3-diols. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1679-1684.	4.3	9
17	Highly Enantioselective Proline-Catalysed Direct Aldol Reaction of Chloroacetone and Aromatic Aldehydes. <i>Chemistry - A European Journal</i> , 2012, 18, 5188-5190.	3.3	29
18	The use of samarium or sodium iodide salts as an alternative for the aza-Henry reaction. <i>Tetrahedron</i> , 2012, 68, 1736-1744.	1.9	23

#	ARTICLE	IF	CITATIONS
19	Asymmetric Construction of Quaternary Stereocenters: Synthesis of Enantiopure Amino Acid-Based Tricyclic $\alpha,\beta$ -Enones through an <i>ipso</i> -Friedel-Crafts/Michael Addition Cascade. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 295-300.	4.3	13
20	Chromium-Mediated Stereoselective Synthesis of Carbohydrate-Derived (E)- $\alpha,\beta$ -Unsaturated Esters or Amides. <i>Journal of Organic Chemistry</i> , 2011, 76, 5461-5465.	3.2	4
21	Structure-enantioselectivity effects in 3,4-dihydropyrimido[2,1-b]benzothiazole-based isothiourreas as enantioselective acylation catalysts. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 559-570.	2.8	83
22	Direct Aldol Reactions Catalyzed by a Heterogeneous Guanidinium Salt/Proline System under Solvent-Free Conditions. <i>Organic Letters</i> , 2011, 13, 3032-3035.	4.6	64
23	Catalytic enantioselective Steglich rearrangements using chiral N-heterocyclic carbenes. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 797-811.	1.8	45
24	A Convenient Synthesis of (E)- $\alpha,\beta$ -Unsaturated Esters with Total Stereoselectivity Promoted by Catalytic Samarium Diodide. <i>Synlett</i> , 2011, 2011, 262-264.	1.8	9
25	NHC-Mediated Chlorination of Unsymmetrical Ketenes: Catalysis and Asymmetry. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5863-5869.	2.4	43
26	Synthesis and Synthetic Applications of Samarium Enolates of Unmasked Amides: Efficient Synthesis of 3-Aminoamides and 3-Amino-2-chloroamides. <i>Synlett</i> , 2010, 2010, 2119-2121.	1.8	8
27	Sequential Synthesis of (E)- $\alpha,\beta$ -Unsaturated Primary Amides with Complete Stereoselectivity. <i>Journal of Organic Chemistry</i> , 2010, 75, 3451-3453.	3.2	23
28	Stereospecific and highly stereoselective cyclopropanation reactions promoted by samarium. <i>Chemical Society Reviews</i> , 2010, 39, 4103.	38.1	73
29	N-Heterocyclic Carbene-Mediated Enantioselective Addition of Phenols to Unsymmetrical Alkylalkylketenes. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 3001-3009.	4.3	76
30	Isothiourea-Catalyzed Enantioselective Carboxy Group Transfer. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8914-8918.	13.8	172
31	Probing the Efficiency of N-Heterocyclic Carbene Promoted O- to C-Carboxyl Transfer of Oxazolyl Carbonates. <i>Journal of Organic Chemistry</i> , 2008, 73, 2784-2791.	3.2	65
32	Amidine catalysed O- to C-carboxyl transfer of heterocyclic carbonate derivatives. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2900.	2.8	41
33	Totally Selective Synthesis of Enantiopure (3S,5S)- and (3R,5R)-4-Amino-3,5-dihydropiperidines from Aminodiepoxides Derived from Serine. <i>Journal of Organic Chemistry</i> , 2008, 73, 6048-6051.	3.2	7
34	Synthesis and Synthetic Applications of $\alpha,\beta$ -Dideuterio- $\alpha$ -amino Esters Promoted by Samarium Diodide. <i>Synlett</i> , 2008, 2008, 402-404.	1.8	3
35	N-Heterocyclic Carbene Catalysed Oxygen-to-Carbon Carboxyl Transfer of Indolyl and Benzofuranyl Carbonates. <i>Synthesis</i> , 2008, 2008, 2805-2818.	2.3	4
36	A Convenient Samarium-Promoted Synthesis of Aliphatic (E)-Nitroalkenes under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2007, 72, 5421-5423.	3.2	21

#	ARTICLE	IF	CITATIONS
37	Aldol-type Reactions of Unmasked Iodoacetic Acid with Carbonyl Compounds Promoted by Samarium Diiodide: Efficient Synthesis of Carboxylic 3-Hydroxyacids and Their Derivatives. <i>Journal of Organic Chemistry</i> , 2006, 71, 4428-4432.	3.2	29
38	Efficient Addition Reaction of Bromonitromethane to Aldehydes Catalyzed by NaI: A New Route to 1-Bromo-1-nitroalkane-2-ols under Very Mild Conditions. <i>Organic Letters</i> , 2006, 8, 5979-5982.	4.6	31
39	Efficient Nitro-Aldol Reaction Using SmI <sub>2</sub> : A New Route to Nitro Alcohols under Very Mild Conditions. <i>Journal of Organic Chemistry</i> , 2006, 71, 7919-7922.	3.2	35
40	Direct Reaction of Dibromoacetic Acid with Aldehydes Promoted by Samarium Diiodide: An Easy, Efficient, and Rapid Synthesis of (E)- $\beta,\beta$ -Unsaturated Carboxylic Acids with Total Stereoselectivity. <i>Journal of Organic Chemistry</i> , 2006, 71, 1728-1731.	3.2	25
41	An Efficient Synthesis of 2-Bromo-3-hydroxy Esters by Reaction of Ketones with Ethyl Dibromoacetate Promoted by Samarium Diiodide. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2197-2200.	2.4	4
42	Synthesis of E- $\beta,\beta$ -Unsaturated Ketones with Complete Stereoselectivity via Sequential Aldol-Type/Elimination Reactions Promoted by Samarium Diiodide or Chromium Dichloride. <i>Synlett</i> , 2006, 2006, 837-840.	1.8	19
43	Total Regioselective and Diastereospecific Iodolysis of 2,3-Epoxyamides Promoted by SmI <sub>2</sub> : Synthesis of (2R*,3R*)- or (2R*,3S*)-2-Hydroxy-3-iodoamides. <i>ChemInform</i> , 2005, 36, no.	0.0	0
44	An Easy, Efficient, and Completely Stereoselective Synthesis of (E)- $\beta,\beta$ -Unsaturated Esters via Sequential Aldol-Type/Elimination Reactions Promoted by Samarium Diiodide or Chromium Dichloride. <i>ChemInform</i> , 2005, 36, no.	0.0	0
45	An Easy, Efficient, and Completely Stereoselective Synthesis of (E)- $\beta,\beta$ -Unsaturated Esters via Sequential Aldol-Type/Elimination Reactions Promoted by Samarium Diiodide or Chromium Dichloride. <i>Journal of Organic Chemistry</i> , 2005, 70, 6111-6113.	3.2	17
46	Asymmetric conjugate reductions with samarium diiodide: asymmetric synthesis of (2S,3R)- and (2S,3S)-[2- <sup>2</sup> H, <sup>3</sup> - <sup>2</sup> H]-leucine-(S)-phenylalanine dipeptides and (2S,3R)-[2- <sup>2</sup> H, <sup>3</sup> - <sup>2</sup> H]-phenylalanine methyl ester. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1435-1447.	2.8	34
47	Deuteration of $\beta,\beta$ -Acetylenic Esters, Amides, or Carboxylic Acids Without Using Deuterium Gas: Synthesis of 2,2,3,3-Tetradeuterioesters, Amides, or Acids. <i>ChemInform</i> , 2004, 35, no.	0.0	0
48	Deuteration of $\beta,\beta$ -acetylenic esters, amides, or carboxylic acids without using deuterium gas: synthesis of 2,2,3,3-tetradeuterioesters, amides, or acids. <i>Tetrahedron Letters</i> , 2004, 45, 2129-2131.	1.4	17
49	Kowalski Ester Homologation. Application to the Synthesis of $\beta$ -Amino Esters. <i>Journal of Organic Chemistry</i> , 2004, 69, 4849-4851.	3.2	41
50	Total Regioselective and Diastereospecific Iodolysis of 2,3-Epoxyamides Promoted by SmI <sub>2</sub> : Synthesis of (2R*,3R*)- or (2R*,3S*)-2-Hydroxy-3-iodoamides. <i>Journal of Organic Chemistry</i> , 2004, 69, 6923-6926.	3.2	3