

# Cristina Cimorelli

## List of Publications by Year in descending order

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30  
papers

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516710

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times ranked

1057  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemo- and Diastereoselective Reduction of $\beta$ -Enamino Esters: A Convenient Synthesis of Both cis- and trans- $\gamma$ -Amino Alcohols and $\beta$ -Amino Esters. <i>Journal of Organic Chemistry</i> , 1994, 59, 5328-5335.	3.2	197
2	Stereoselective Reduction of Enantiopure $\beta$ -Enamino Esters by Hydride: A Convenient Synthesis of Both Enantiopure $\beta$ -Amino Esters. <i>Journal of Organic Chemistry</i> , 1996, 61, 5557-5563.	3.2	135
3	Solvent-Free Asymmetric Aminoalkylation of Electron-Rich Aromatic Compounds: $\alpha$ Stereoselective Synthesis of Aminoalkylphenols by Crystallization-Induced Asymmetric Transformation. <i>Journal of Organic Chemistry</i> , 2001, 66, 4759-4765.	3.2	128
4	A practical stereoselective synthesis of secondary and tertiary aminophenols: chiral ligands for enantioselective catalysts in the addition of diethylzinc to benzaldehyde. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 2417-2426.	1.8	79
5	Fast, mild, eco-friendly synthesis of polyfunctionalized pyrroles from $\beta$ -nitroacrylates and $\beta$ -enaminones. <i>Green Chemistry</i> , 2011, 13, 3333.	9.0	48
6	Asymmetric reduction of enantiopure imines with zinc borohydride: stereoselective synthesis of chiral amines. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 2555-2563.	1.8	45
7	Diastereo and enantioselective entry to $\beta$ -amino esters by hydride reduction of homochiral $\beta$ -enamino esters. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1455-1458.	1.8	42
8	Microwave-Assisted Cerium(III)-Promoted Cyclization of Propargyl Amides to Polysubstituted Oxazole Derivatives. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 630-636.	2.4	42
9	Multicomponent Reactions. <i>Molecules</i> , 2019, 24, 2372.	3.8	36
10	An efficient one-pot two catalyst system in the construction of 2-substituted benzimidazoles: synthesis of benzimidazo[1,2-c]quinazolines. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11687-11695.	2.8	32
11	Betti Reaction of Cyclic Imines with Naphthols and Phenols – Preparation of New Derivatives of Betti's Bases. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 2094-2100.	2.4	31
12	A convenient synthesis of new diamine, amino alcohol and aminophosphines chiral auxiliaries based on limonene oxide. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 2234-2239.	1.8	25
13	Stereoselective Alkylation of Chiral 2-Imidoylphenols with Organolithium Reagents: Synthesis of Enantiopure 2-Aminoalkylphenols. <i>Journal of Organic Chemistry</i> , 2003, 68, 1200-1206.	3.2	22
14	Novel Potent N-Methyl-D-aspartate (NMDA) Receptor Antagonists or $\beta$ -Receptor Ligands Based on Properly Substituted 1,4-Dioxane Ring. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8601-8615.	6.4	22
15	Syntheses and biological studies of nitroimidazole conjugated heteroscorpionate ligands and related Cu(I) and Cu(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2018, 187, 33-40.	3.5	22
16	Stereoselective synthesis of vicinal aminodiols, diamines and diaminoalcohols by the use of enantiopure aldehydes in the three-component aromatic Mannich-type reaction. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1022-1029.	1.8	19
17	Novel antitumor copper(II) complexes designed to act through synergistic mechanisms of action, due to the presence of an NMDA receptor ligand and copper in the same chemical entity. <i>New Journal of Chemistry</i> , 2018, 42, 11878-11887.	2.8	16
18	Synthesis of enantiopure 2-aminoalkylphenols by stereoselective addition of Grignard reagents to chiral 2-imidoylphenols. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 2011-2018.	1.8	15

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19	Synthesis of enantiopure 2-((aminoalkyl)phenol derivatives and their application as catalysts in stereoselective reactions. <i>Chirality</i> , 2009, 21, 218-232.	2.6	15
20	Stereoselective synthesis of enantiopure $\beta^3$ -aminoalcohols by reduction of chiral $\beta^2$ -enaminoketones. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1308-1317.	1.8	14
21	An Efficient Lewis Acid Catalyzed Povarov Reaction for the One-Pot Stereocontrolled Synthesis of Polyfunctionalized Tetrahydroquinolines. <i>Synthesis</i> , 2017, 49, 5387-5395.	2.3	14
22	Application of Enantiopure 1-(Aminoalkyl)naphthols and 2-(Aminoalkyl)phenols in the Enantioselective Addition of Organozinc to $\beta^{\pm},\beta^2$ -Unsaturated Carbonyl Compounds. <i>Synthetic Communications</i> , 2009, 39, 3184-3190.	2.1	10
23	Stereoselective synthesis of new vicinal diaminoalkyl naphthols by three component Mannich type reaction of $\beta^{\pm},\beta^2$ -unsaturated aldehydes. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1560-1567.	1.8	9
24	Synthesis of new enantiopure trans-3,4-diaminocaranes from (+)-3-carene. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 603-608.	1.8	8
25	Borane-mediated asymmetric reduction of acetophenone by enantiopure aminonaphthols and aminoalcohols as catalytic source. <i>Chirality</i> , 2010, 22, 655-661.	2.6	7
26	Role of the NMDA Receptor in the Antitumor Activity of Chiral 1,4-Dioxane Ligands in MCF-7 and SKBR3 Breast Cancer Cells. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 511-516.	2.8	7
27	Novel stereoselective synthesis of 2,3-dihydro-1H-benzo[f]chromen-3-amine derivatives through a one-pot three-component reaction. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1542-1547.	1.8	6
28	A new and efficient lactic acid polymerization by multimetallic cerium complexes: a poly(lactic acid) suitable for biomedical applications. <i>RSC Advances</i> , 2021, 11, 10592-10598.	3.6	6
29	Activation of Primary Amines by Copper(I)-Based Lewis Acid Promoters in the Solventless Synthesis of Secondary Propargylamines. <i>Synthesis</i> , 2019, 51, 2387-2396.	2.3	5
30	Natural Function and Structural Modification of Climacostol, a Ciliate Secondary Metabolite. <i>Microorganisms</i> , 2020, 8, 809.	3.6	4