

Sonia Sayalero

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,331
citations

394421

19
h-index

580821

25
g-index

40
all docs

40
docs citations

40
times ranked

1092
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward an Artificial Aldolase. <i>Organic Letters</i> , 2008, 10, 337-340.	4.6	199
2	A Solid-Supported Organocatalyst for Highly Stereoselective, Batch, and Continuous-Flow Mannich Reactions. <i>Chemistry - A European Journal</i> , 2009, 15, 10167-10172.	3.3	131
3	Highly Enantioselective α -Aminoxylation of Aldehydes and Ketones with a Polymer-Supported Organocatalyst. <i>Organic Letters</i> , 2007, 9, 1943-1946.	4.6	118
4	Polystyrene-Supported Diarylprolinol Ethers as Highly Efficient Organocatalysts for Michael-Type Reactions. <i>Chemistry - A European Journal</i> , 2011, 17, 11585-11595.	3.3	84
5	Practical Implications of Boron-Zinc Transmetalation for the Catalytic Asymmetric Arylation of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1098-1101.	13.8	82
6	Towards Continuous Flow, Highly Enantioselective Allylic Amination: Ligand Design, Optimization and Supporting. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1539-1556.	4.3	75
7	Asymmetric α -Amination of Aldehydes Catalyzed by PS-Diphenylprolinol Silyl Ethers: Remediation of Catalyst Deactivation for Continuous Flow Operation. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2971-2976.	4.3	74
8	Asymmetric anti-Mannich reactions in continuous flow. <i>Green Chemistry</i> , 2013, 15, 3295.	9.0	62
9	Translating the Enantioselective Michael Reaction to a Continuous Flow Paradigm with an Immobilized, Fluorinated Organocatalyst. <i>ACS Catalysis</i> , 2015, 5, 6241-6248.	11.2	56
10	Organocatalytic Enantioselective Continuous-Flow Cyclopropanation. <i>Organic Letters</i> , 2016, 18, 6292-6295.	4.6	55
11	A direct efficient diastereoselective synthesis of enantiopure 3-substituted-isobenzofuranones. <i>Tetrahedron</i> , 2006, 62, 10400-10407.	1.9	54
12	Continuous-flow enantioselective α -aminoxylation of aldehydes catalyzed by a polystyrene-immobilized hydroxyproline. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 1486-1493.	2.2	51
13	Highly Active Organocatalysts for Asymmetric anti-Mannich Reactions. <i>Chemistry - A European Journal</i> , 2011, 17, 8780-8783.	3.3	45
14	Paraldehyde as an Acetaldehyde Precursor in Asymmetric Michael Reactions Promoted by Site-Isolated Incompatible Catalysts. <i>Chemistry - A European Journal</i> , 2013, 19, 10814-10817.	3.3	41
15	An Efficient Synthesis of Enantiomerically Enriched Trifluoromethylated 1,2-Diols and 1,2-Amino Alcohols with Quaternary Stereocenters by Diastereoselective Addition of TMSCF ₃ to Chiral 2-Acyl-1,3-perhydrobenzoxazines. <i>Journal of Organic Chemistry</i> , 2006, 71, 2177-2180.	3.2	33
16	Immobilization of <i>cis</i> -4-Hydroxydiphenylprolinol Silyl Ethers onto Polystyrene. Application in the Catalytic Enantioselective Synthesis of 5-Hydroxyisoxazolidines in Batch and Flow. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2914-2924.	4.3	33
17	Asymmetric cross- and self-aldol reactions of aldehydes in water with a polystyrene-supported triazolylproline organocatalyst. <i>Green Chemistry</i> , 2016, 18, 3507-3512.	9.0	30
18	Asymmetric organocatalysts supported on vinyl addition polynorbornenes for work in aqueous media. <i>Catalysis Science and Technology</i> , 2015, 5, 754-764.	4.1	24

#	ARTICLE	IF	CITATIONS
19	Highly Enantioselective Cross-Aldol Reactions of Acetaldehyde Mediated by a Dual Catalytic System Operating under Site Isolation. <i>Chemistry - A European Journal</i> , 2014, 20, 13089-13093.	3.3	23
20	Catalytic Batch and Continuous Flow Production of Highly Enantioenriched Cyclohexane Derivatives with Polymer-Supported Diarylprolinol Silyl Ethers. <i>Synlett</i> , 2011, 2011, 464-468.	1.8	16
21	Chiral Template Mediated Diastereoselective Intramolecular Diels-Alder Reaction Using Furan as a Diene. Toward the Synthesis of Enantiopure Trisubstituted Tetrahydroepoxyisoindolones. <i>Journal of Organic Chemistry</i> , 2005, 70, 7273-7278.	3.2	15
22	Covalent Heterogenization of Asymmetric Catalysts on Polymers and Nanoparticles. <i>Catalysis By Metal Complexes</i> , 2010, , 123-170.	0.6	15
23	Work-Up-Free Deprotection of Borane Complexes of Phosphines, Phosphites, and Phosphinites with Polymer-Supported Amines. <i>Synlett</i> , 2006, 2006, 2585-2588.	1.8	6
24	Short and Efficient Diastereoselective Synthesis of Enantiopure 1-Substituted 1H-2-Benzopyrans. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 5110-5116.	2.4	3