

# Xiaoxin Shi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45 papers	641 citations	15 h-index	23 g-index
45 ext. papers	699 ext. citations	3.7 avg, IF	3.64 L-index

#	Paper	IF	Citations
45	Novel Stereoselective Syntheses of (+)-Streptol and (-)-1-Streptol Starting from Naturally Abundant (-)-Shikimic Acid. <i>ACS Omega</i> , <b>2021</b> , 6, 17103-17112	3.9	0
44	Stereodivergent Syntheses of All Stereoisomers of (±)-Shikimic Acid: Development of a Chiral Pool for the Diverse Polyhydroxy-cyclohexenoid (or -cyclohexanoid) Bioactive Molecules. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 4318-4332	3.2	
43	Copper(ii)-catalyzed and acid-promoted highly regioselective oxidation of tautomerizable C(sp)-H bonds adjacent to 3,4-dihydroisoquinolines using air (O) as a clean oxidant.. <i>RSC Advances</i> , <b>2021</b> , 11, 29702-29710	3.7	10
42	Efficient and Highly Stereoselective Syntheses of (+)-Quercitol and (-)-Quercitol Starting from the Naturally Abundant (-)-Shikimic Acid. <i>ACS Omega</i> , <b>2020</b> , 5, 1813-1821	3.9	3
41	Novel stereoselective syntheses of -octyl-β-alienamine (NOV) and -octyl-4-β-alienamine (NOEV) from (-)-shikimic acid.. <i>RSC Advances</i> , <b>2019</b> , 9, 42077-42084	3.7	2
40	Cu-catalyzed mild and efficient oxidation of THIs using air: application in practical total syntheses of peroloryne and flazin.. <i>RSC Advances</i> , <b>2018</b> , 8, 6834-6839	3.7	15
39	CuBr-Catalyzed Mild Oxidation of 3,4-Dihydro-β-carbolines and Application in Total Synthesis of 6-Hydroxymetatacarboline D. <i>ACS Omega</i> , <b>2018</b> , 3, 544-553	3.9	5
38	Copper-Catalyzed Benign and Efficient Oxidation of Tetrahydroisoquinolines and Dihydroisoquinolines Using Air as a Clean Oxidant. <i>ACS Omega</i> , <b>2018</b> , 3, 8243-8252	3.9	12
37	Novel total syntheses of oxoaporphine alkaloids enabled by mild Cu-catalyzed tandem oxidation/aromatization of 1-Bn-DHIQs.. <i>RSC Advances</i> , <b>2018</b> , 8, 28997-29007	3.7	5
36	Improved Stereoselective Syntheses of (+)-Valiolamine and (+)-Valienamine Starting from (±)-Shikimic Acid. <i>Chinese Journal of Chemistry</i> , <b>2017</b> , 35, 457-464	4.9	5
35	Highly diastereoselective crystallization-induced asymmetric transformation of 1,3-disubstituted-tetrahydro-β-carbolines in water. <i>RSC Advances</i> , <b>2017</b> , 7, 47753-47757	3.7	4
34	Novel Total Synthesis of Mansouramycin B. <i>Chinese Journal of Chemistry</i> , <b>2016</b> , 34, 683-688	4.9	2
33	Enantioselective synthesis of 4,5,6,7-tetrahydroindoles via olefin cross-metathesis/intramolecular Friedel-Crafts alkylation reaction of pyrroles. <i>Organic Chemistry Frontiers</i> , <b>2015</b> , 2, 476-480	5.2	20
32	A novel stereoselective synthesis of (±)-quinic acid starting from the naturally abundant (±)-shikimic acid. <i>Tetrahedron: Asymmetry</i> , <b>2015</b> , 26, 1375-1381		8
31	Stereoselective synthesis of (+)-valienamine starting from the naturally abundant (±)-shikimic acid. <i>Tetrahedron: Asymmetry</i> , <b>2015</b> , 26, 1037-1042		11
30	Synthesis and Acid-Catalyzed Cyclization of 2-Alkenylstilbenes: a New Approach to the Substituted Indenes. <i>Chinese Journal of Chemistry</i> , <b>2015</b> , 33, 1276-1286	4.9	4
29	Dearomatization of Indoles via a Phenol-Directed Vanadium- Catalyzed Asymmetric Epoxidation and Ring-Opening Cascade. <i>Advanced Synthesis and Catalysis</i> , <b>2015</b> , 357, 3064-3068	5.6	30

28	Efficient and Practical Syntheses of Enantiomerically Pure (S)-( $\beta$ -Norcryptostyline I, (S)-( $\beta$ -Norcryptostyline II, (R)-(+)-Salsolidine and (S)-( $\beta$ -Norlaudanoline via a Resolution-Racemization Method. <i>Chinese Journal of Chemistry</i> , <b>2014</b> , 32, 1039-1048	4.9	17
27	Efficient and Benign One-Pot Conversion of N-Tosyl-1,4,5,6-tetrahydropyrimidines to Pyrimidines via Tandem $\beta$ -Elimination and Aromatization. <i>Synthetic Communications</i> , <b>2013</b> , 43, 3141-3152	1.7	1
26	Highly stereoselective transformation of (1S,3S)-cis-1,3-disubstituted tetrahydro- $\beta$ -carbolines into (1S,3R)-trans-1,3-disubstituted tetrahydro- $\beta$ -carbolines: an improved asymmetric synthesis of tadalafil from l-tryptophan. <i>Tetrahedron: Asymmetry</i> , <b>2013</b> , 24, 883-893		5
25	Total Syntheses of (+)-Valiolamine and ( $\beta$ -1-epi-Valiolamine from Naturally Abundant ( $\beta$ -Shikimic Acid. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 6389-6396	3.2	14
24	Total Syntheses of Eudistomins Y1-7 by an Efficient One-Pot Process of Tandem Benzylic Oxidation and Aromatization of 1-Benzyl-3,4-dihydro- $\beta$ -Carbolines. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 3271-3277	3.2	18
23	Novel asymmetric total syntheses of (R)-( $\beta$ -pyridindolol, (R)-( $\beta$ -pyridindolol K1, and (R)-( $\beta$ -pyridindolol K2 via a mild one-pot aromatization of N-tosyl-tetrahydro- $\beta$ -carboline with (S)-2,3-O-isopropylidene-l-glyceraldehyde as the source of chirality. <i>Tetrahedron: Asymmetry</i> , <b>2013</b> , 24, 633-637		4
22	A novel azide-free asymmetric synthesis of oseltamivir phosphate (Tamiflu) starting from Roche's epoxide. <i>Tetrahedron: Asymmetry</i> , <b>2013</b> , 24, 638-642		16
21	Novel and Efficient Syntheses of Four Useful Shikimate-derived Epoxy Chiral Building Blocks via Cyclic Sulfite Intermediates. <i>Chinese Journal of Chemistry</i> , <b>2012</b> , 30, 2759-2766	4.9	9
20	Mild and Efficient Syntheses of 1-Aryl-3,4-dihydroisoquinolines and 1-Aryl-3,4-dihydro- $\beta$ -carbolines via Regiospecific $\beta$ -Eliminations of the Corresponding N-Tosyl-1,2,3,4-tetrahydroisoquinolines and N-Tosyl-1,2,3,4-tetrahydro- $\beta$ -carbolines. <i>Synthetic Communications</i> , <b>2012</b> , 42, 2806-2817	1.7	5
19	Ethylenediamine: A Highly Effective Catalyst for One-Pot Synthesis of Aryl Nitroalkenes via Henry Reaction and Dehydration. <i>Chinese Journal of Chemistry</i> , <b>2012</b> , 30, 2827-2833	4.9	5
18	A novel and high-yielding asymmetric synthesis of oseltamivir phosphate (Tamiflu) starting from ( $\beta$ -shikimic acid. <i>Tetrahedron: Asymmetry</i> , <b>2012</b> , 23, 742-747		21
17	Synthesis of Diaryl Disulfides via Mild Reduction of Arylsulfinates with Hydrazine Monohydrate in DMSO. <i>Synthetic Communications</i> , <b>2012</b> , 42, 1108-1114	1.7	7
16	Total Syntheses of Dichotomines AD and the Stereochemical Revision of Dichotomines BD. <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 3317-3325	3.2	6
15	Novel asymmetric synthesis of oseltamivir phosphate (Tamiflu) from ( $\beta$ -shikimic acid via cyclic sulfite intermediates. <i>Tetrahedron: Asymmetry</i> , <b>2011</b> , 22, 1692-1699		16
14	A general strategy for the highly stereoselective synthesis of HR22C16-like mitotic kinesin Eg5 inhibitors from both l- and d-tryptophans. <i>Tetrahedron: Asymmetry</i> , <b>2011</b> , 22, 1865-1873		4
13	Synthesis of Triazole-Linked Amino Acid-Aryl C-Glycoside Hybrids via Click Chemistry as Novel PTP1B Inhibitors. <i>Chinese Journal of Chemistry</i> , <b>2011</b> , 29, 1227-1232	4.9	10
12	An exo- and Enantioselective 1,3-Dipolar Cycloaddition of Azomethine Ylides with Alkylidene Malonates Catalyzed by a N,O-Ligand/Cu(OAc) <sub>2</sub> -Derived Chiral Complex. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 4999-5002	3.6	7
11	Microwave-assisted construction of triazole-linked amino acid-glucoside conjugates as novel PTP1B inhibitors. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 622	3.6	30

10	Novel N,O-Cu(OAc) <sub>2</sub> complex catalysed diastereo- and enantioselective 1,4-addition of glycine derivatives to alkylidene malonates. <i>Catalysis Science and Technology</i> , <b>2011</b> , 1, 100	5.5	24
9	An Efficient and General Method for the Stereodivergent Syntheses of Tadalafil-Like Tetracyclic Compounds. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 1711-1716	3.2	9
8	Efficient and Practical One-Pot Conversions of N-Tosyltetrahydroisoquinolines into Isoquinolines and of N-Tosyltetrahydro- $\beta$ -carboline into $\beta$ -Carbolines through Tandem $\beta$ -Elimination and Aromatization. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 6987-6992	3.2	33
7	Inversion of secondary chiral alcohols in toluene with the tunable complex of R <sub>3</sub> NR <sup>+</sup> COOH. <i>Tetrahedron: Asymmetry</i> , <b>2010</b> , 21, 277-284		29
6	A novel asymmetric synthesis of oseltamivir phosphate (Tamiflu) from (S)-shikimic acid. <i>Tetrahedron: Asymmetry</i> , <b>2009</b> , 20, 124-129		55
5	Asymmetric syntheses of (S)-methyl shikimate and (S)-5a-carba- $\beta$ -D-gulopyranose from d-arabinose via Mukaiyama-type intramolecular aldolization. <i>Tetrahedron: Asymmetry</i> , <b>2009</b> , 20, 78-83		15
4	Syntheses of chiral 1,3-disubstituted tetrahydro- $\beta$ -carboline via CIAT process: highly stereoselective Pictet-Spengler reaction of d-tryptophan ester hydrochlorides with various aldehydes. <i>Tetrahedron: Asymmetry</i> , <b>2009</b> , 20, 430-439		32
3	A short and practical synthesis of oseltamivir phosphate (Tamiflu) from (-)-shikimic acid. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 3970-3	4.2	76
2	Highly stereoselective Pictet-Spengler reaction of d-tryptophan methyl ester with piperonal: convenient syntheses of Cialis (Tadalafil), 12a-epi-Cialis, and their deuterated analogues. <i>Tetrahedron: Asymmetry</i> , <b>2008</b> , 19, 435-442		46
1	Efficient stereoselective synthesis of 5a-carba- $\beta$ -mannopyranose starting from naturally abundant (S)-shikimic acid. <i>Synthetic Communications</i> , 1-8	1.7	