

Bo Su

List of Publications by Year in descending order

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41
papers

2,046
citations

304368

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315357

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docs citations

52
times ranked

2370
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploration of Earth-Abundant Transition Metals (Fe, Co, and Ni) as Catalysts in Unreactive Chemical Bond Activations. <i>Accounts of Chemical Research</i> , 2015, 48, 886-896.	7.6	628
2	Silver-catalysed direct amination of unactivated C-H bonds of functionalized molecules. <i>Nature Communications</i> , 2014, 5, 4707.	5.8	150
3	Diverse functionalization of strong alkyl C-H bonds by undirected borylation. <i>Science</i> , 2020, 368, 736-741.	6.0	131
4	Synthesis and Antiviral Activities of Phenanthroindolizidine Alkaloids and Their Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2703-2709.	2.4	105
5	Enantioselective Borylation of Aromatic C-H Bonds with Chiral Dinitrogen Ligands. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7205-7208.	7.2	85
6	Ir-Catalyzed Enantioselective, Intramolecular Silylation of Methyl C-H Bonds. <i>Journal of the American Chemical Society</i> , 2017, 139, 12137-12140.	6.6	77
7	Iridium-Catalyzed, β^2 -Selective C(sp ³)-H Silylation of Aliphatic Amines To Form Silapyrrolidines and 1,2-Amino Alcohols. <i>Journal of the American Chemical Society</i> , 2018, 140, 18032-18038.	6.6	77
8	Application of Trimethylgermyl-Substituted Bisphosphine Ligands with Enhanced Dispersion Interactions to Copper-Catalyzed Hydroboration of Disubstituted Alkenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 18213-18222.	6.6	73
9	A Chiral Nitrogen Ligand for Enantioselective, Iridium-Catalyzed Silylation of Aromatic C-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1092-1096.	7.2	66
10	Development of Chiral Ligands for the Transition-Metal-Catalyzed Enantioselective Silylation and Borylation of C-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	59
11	Bioinspired Construction of a Spirocyclohexadienone Moiety via Sodium Nitrite Catalyzed Aerobic Intramolecular Oxidative Phenol Coupling. <i>Organic Letters</i> , 2013, 15, 1606-1609.	2.4	44
12	Palladium-Catalyzed Oxidation of β^2 -C(sp ³)-H Bonds of Primary Alkylamines through a Rare Four-Membered Palladacycle Intermediate. <i>Journal of the American Chemical Society</i> , 2020, 142, 7912-7919.	6.6	37
13	Diversity-Oriented Synthesis through Rh-Catalyzed Selective Transformations of a Novel Multirole Directing Group. <i>ChemCatChem</i> , 2015, 7, 2986-2990.	1.8	36
14	Iridium-Catalyzed, Silyl-Directed, <i>peri</i> -Borylation of C-H Bonds in Fused Polycyclic Arenes and Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10163-10167.	7.2	36
15	A Novel Sodium Nitrite-Catalyzed Oxidative Coupling for Constructing Polymethoxyphenanthrene Rings. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 383-387.	2.1	35
16	An Enantioselective Strategy for the Synthesis of (<i>S</i>)-Tylophorine via One-Pot Intramolecular Schmidt/Bischler-Napieralski/Imine-Reduction Cascade Sequence. <i>Journal of Organic Chemistry</i> , 2013, 78, 2775-2779.	1.7	34
17	Enantioselective Borylation of Aromatic C-H Bonds with Chiral Dinitrogen Ligands. <i>Angewandte Chemie</i> , 2017, 129, 7311-7314.	1.6	34
18	A Simple and Efficient Oxidative Coupling of Aromatic Nuclei Mediated by Manganese Dioxide. <i>Synthesis</i> , 2010, 2010, 1083-1090.	1.2	33

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19	Design, synthesis, antiviral activity, and SARs of 13a-substituted phenanthroindolizidine alkaloid derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2881-2884.	1.0	33
20	Spatial Configuration and Three-Dimensional Conformation Directed Design, Synthesis, Antiviral Activity, and Structure-Activity Relationships of Phenanthroindolizidine Analogues. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2039-2045.	2.4	33
21	m-CPBA/TFA: an efficient nonmetallic reagent for oxidative coupling of 1,2-diarylethylenes. <i>Tetrahedron</i> , 2010, 66, 9135-9140.	1.0	28
22	Enantioselective Approach to 13a-Methylphenanthroindolizidine Alkaloids. <i>Journal of Organic Chemistry</i> , 2012, 77, 7981-7987.	1.7	25
23	An enantioselective strategy for the total synthesis of (S)-tylophorine via catalytic asymmetric allylation and a one-pot DMAP-promoted isocyanate formation/Lewis acid catalyzed cyclization sequence. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3616-3621.	1.5	22
24	Design, Synthesis, Antiviral Activity, and Structure-Activity Relationships (SARs) of Two Types of Structurally Novel Phenanthroindo/quinolizidine Analogues. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1233-1239.	2.4	17
25	First total synthesis of (±)- and (+)-6-O-desmethylantofine. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 141-145.	1.5	15
26	The First Enantioselective Approach to 13a-Methyl-4-hydroxyphenanthroindolizidine Alkaloids - Synthetic Studies towards Hypoestestatin 2. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1979-1985.	1.2	15
27	Development of Chiral Ligands for the Transition-Metal-Catalyzed Enantioselective Silylation and Borylation of C-H Bonds. <i>Angewandte Chemie</i> , 2022, 134, e202113343.	1.6	15
28	Asymmetric synthesis of (S)-tylophorine and (S)-cryptopleurine via one-pot Curtius rearrangement and Friedel-Crafts reaction tandem sequence. <i>Organic Chemistry Frontiers</i> , 2014, 1, 674-677.	2.3	14
29	Sodium Nitrite-Catalyzed Aerobic Oxidative C ² -C ³ Coupling: Direct Construction of the 4-Aryldihydroisoquinolinone Moiety. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 977-981.	2.1	13
30	Total synthesis of phenanthroindolizidine alkaloids via asymmetric deprotonation of N-Boc-pyrrolidine. <i>RSC Advances</i> , 2014, 4, 14979-14984.	1.7	13
31	Iridium-Catalyzed, Silyl-Directed, <i>peri</i> -Borylation of C-H Bonds in Fused Polycyclic Arenes and Heteroarenes. <i>Angewandte Chemie</i> , 2018, 130, 10320-10324.	1.6	13
32	Cu-Catalyzed Highly Stereoselective Syntheses of (E)-Vinyl-homoallylic Alcohols. <i>Organic Letters</i> , 2021, 23, 6035-6040.	2.4	13
33	Anti-Inflammatory Effects of Different Elution Fractions of Er-Miao-San on Acute Inflammation Induced by Carrageenan in Rat Paw Tissue. <i>Medical Science Monitor</i> , 2019, 25, 7958-7965.	0.5	10
34	A Chiral Nitrogen Ligand for Enantioselective, Iridium-Catalyzed Silylation of Aromatic C-H Bonds. <i>Angewandte Chemie</i> , 2017, 129, 1112-1116.	1.6	8
35	First total synthesis of Papilistatin. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2539.	1.5	7
36	The Protective Effect of Different Polar Solvent Extracts of Er Miao San on Rats with Adjuvant Arthritis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-8.	0.5	4

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37	Design, Synthesis, Antivirus Activity, and SARs of Phenanthroquinolizidine Alkaloid Derivatives. ACS Agricultural Science and Technology, 2021, 1, 222-229.	1.0	4
38	An Unprecedented Cyano-Induced Sodium Nitrite-Catalyzed C(sp ³)-H and C(sp ²)-H Coupling Reaction. Current Organic Synthesis, 2018, 15, 989-994.	0.7	3
39	Total synthesis of the reported structure of 13a-hydroxytylophorine. Scientific Reports, 2017, 7, 16916.	1.6	1
40	A Simple and Efficient Oxidative Coupling of Aromatic Nuclei Mediated by Manganese Dioxide. Synthesis, 2013, 45, 2626-2626.	1.2	0
41	Total Synthesis of the Proposed Structure of Tyloindane and Its Diastereoisomer. Synthesis, 0, , .	1.2	0