

Li-Wen Xu

List of Publications by Year in descending order

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340
papers

11,608
citations

31902

53
h-index

49773

87
g-index

417
all docs

417
docs citations

417
times ranked

11199
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of aromatic amide-derived atropisomers as chiral solvating agents for discrimination of optically active mandelic acid derivatives in ¹ H nuclear magnetic resonance spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2022, 60, 86-92.	1.1	4
2	Feasibility of Emission-Enhanced CsPbCl ₃ Quantum Dots Co-Doped with Mn ²⁺ and Er ³⁺ as Luminescent Downshifting Layers in Crystalline Silicon Solar Modules. <i>ACS Applied Nano Materials</i> , 2022, 5, 2522-2531.	2.4	13
3	Suppressed Halide Segregation and Defects in Wide Bandgap Perovskite Solar Cells Enabled by Doping Organic Bromide Salt with Moderate Chain Length. <i>Journal of Physical Chemistry C</i> , 2022, 126, 1711-1720.	1.5	8
4	Predicting the photon energy of quasi-2D lead halide perovskites from the precursor composition through machine learning. <i>Nanoscale Advances</i> , 2022, 4, 1632-1638.	2.2	6
5	The Improvement of the Performance of Sky-Blue OLEDs by Decreasing Interface Traps and Balancing Carriers with PSVA Treatment. <i>Polymers</i> , 2022, 14, 622.	2.0	3
6	Device performance improvements in all-inorganic perovskite light-emitting diodes: the role of binary ammonium cation terminals. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 6208-6214.	1.3	2
7	Key Factors Governing the External Quantum Efficiency of Thermally Activated Delayed Fluorescence Organic Light-Emitting Devices: Evidence from Machine Learning. <i>ACS Omega</i> , 2022, 7, 7893-7900.	1.6	11
8	Enantioselective Nickel-Catalyzed Si-C(sp ²) Bond Activation and Migratory Insertion to Aldehydes: Reaction Scope and Mechanism. <i>ACS Catalysis</i> , 2022, 12, 4571-4580.	5.5	16
9	A New Benchmark of Charges Storage in Single-Layer Organic Light-Emitting Diodes Based on Electrical and Optical Characteristics. <i>Molecules</i> , 2021, 26, 741.	1.7	4
10	Palladium-catalyzed gaseous CO-free carbonylative C-C bond activation of cyclobutanones. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3398-3403.	2.3	13
11	Enantioselective palladium-catalyzed C(sp ²)-C(sp ²) C-C bond activation of cyclopropanones by merging desymmetrization and (3 + 2) spiroannulation with cyclic 1,3-diketones. <i>Chemical Science</i> , 2021, 12, 13737-13743.	3.7	12
12	Pd-Catalyzed Enantioselective Tandem C-C Bond Activation/Cacchi Reaction between Cyclobutanones and <i>o</i> -Ethylnylanilines. <i>Organic Letters</i> , 2021, 23, 1309-1314.	2.4	54
13	Palladium-catalyzed hydrosilylation of ynones to access silicon-stereogenic silylenones by stereospecific aromatic interaction-assisted Si-H activation. <i>Science China Chemistry</i> , 2021, 64, 761-769.	4.2	39
14	Combined Dynamic Kinetic Resolution and C-H Functionalization for Facile Synthesis of Non-Biaryl Atropisomer-Type Axially Chiral Organosilanes. <i>Chemistry - A European Journal</i> , 2021, 27, 4336-4340.	1.7	19
15	A Glimpse and Perspective of Current Organosilicon Chemistry from the View of Hydrosilylation and Synthesis of Silicon-Stereogenic Silanes. <i>Synlett</i> , 2021, 32, 1281-1288.	1.0	27
16	Synergistic function of doping and ligand engineering to enhance the photostability and electroluminescence performance of CsPbBr ₃ quantum dots. <i>Nanotechnology</i> , 2021, 32, 325202.	1.3	7
17	3,3-Difluoroallyl ammonium salts: highly versatile, stable and selective gem-difluoroallylation reagents. <i>Nature Communications</i> , 2021, 12, 3257.	5.8	29
18	Performance improvements in all-solution processed inverted QLEDs realized by inserting an electron blocking layer. <i>Nanotechnology</i> , 2021, 32, 335204.	1.3	4

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19	<scp>Palladiumâ€Catalyzed</scp> Câ€”C Bond Activation/Suzuki Reaction of Methylene-cyclobutanes. Chinese Journal of Chemistry, 2021, 39, 1611-1615.	2.6	12
20	Highly Diastereoselective Hydrosilaneâ€Assisted Rhodiumâ€Catalyzed Spiroâ€Type Cycloisomerization of Succinimide and Pyrazoloneâ€Based Functional 1,6â€Dienes. Chemistry - an Asian Journal, 2021, 16, 1730-1734.	1.7	6
21	Multicolor Coding Up-Conversion NanoplatforM for Rapid Screening of Multiple Foodborne Pathogens. ACS Applied Materials & Interfaces, 2021, 13, 26782-26789.	4.0	18
22	Synergetic Effect of Different Carrier Dynamics in Pm6:Y6:ITIC-M Ternary Cascade Energy Level System. Polymers, 2021, 13, 2398.	2.0	9
23	Asymmetric Disilylation of Spirocyclic Palladacyclopentanes via Tandem Heck/Câ”H Activation of Aryl Iodides. Asian Journal of Organic Chemistry, 2021, 10, 2883-2887.	1.3	5
24	Swollen-induced in-situ encapsulation of chiral silver catalysts in cross-linked polysiloxane elastomers: Homogeneous reaction and heterogeneous separation. Molecular Catalysis, 2021, 515, 111901.	1.0	3
25	Catalytic asymmetric oxidative carbonylation-induced kinetic resolution of sterically hindered benzylamines to chiral isoindolinones. Chemical Communications, 2021, 57, 1778-1781.	2.2	5
26	The Discovery of Multifunctional Chiral P Ligands for the Catalytic Construction of Quaternary Carbon/Silicon and Multiple Stereogenic Centers. Accounts of Chemical Research, 2021, 54, 452-470.	7.6	67
27	Multifunctional P-ligand-controlled â€silicon-centeredâ€selectivity in Rh/Cu-catalyzed Siâ€C bond cleavage of silacyclobutanes. Organic Chemistry Frontiers, 2021, 8, 6577-6584.	2.3	39
28	Organic Halide PEACl for Surface Passivation and Defects Suppression in Perovskite Solar Cells. ACS Applied Energy Materials, 2021, 4, 12411-12420.	2.5	9
29	Highly Construction of Tetrasubstituted Silyllallenes via 1,4-Hydrosilylation of 1,3-Enynes. Chinese Journal of Organic Chemistry, 2021, 41, 4515.	0.6	2
30	Organosilicon-Mediated Organic Synthesis (SiMOS): A Personal Account. Synlett, 2020, 31, 21-34.	1.0	26
31	Controllable Siâ€C Bond Activation Enables Stereocontrol in the Palladiumâ€Catalyzed [4+2] Annulation of Cyclopropenes with Benzosilacyclobutanes. Angewandte Chemie - International Edition, 2020, 59, 790-797.	7.2	89
32	Frontispiz: Controllable Siâ€C Bond Activation Enables Stereocontrol in the Palladiumâ€Catalyzed [4+2] Annulation of Cyclopropenes with Benzosilacyclobutanes. Angewandte Chemie, 2020, 132, .	1.6	0
33	Frontispiece: Controllable Siâ€C Bond Activation Enables Stereocontrol in the Palladiumâ€Catalyzed [4+2] Annulation of Cyclopropenes with Benzosilacyclobutanes. Angewandte Chemie - International Edition, 2020, 59, .	7.2	0
34	Controllable Siâ€C Bond Activation Enables Stereocontrol in the Palladiumâ€Catalyzed [4+2] Annulation of Cyclopropenes with Benzosilacyclobutanes. Angewandte Chemie, 2020, 132, 800-807.	1.6	21
35	Solvent modification to suppress halide segregation in mixed halide perovskite solar cells. Journal of Materials Science, 2020, 55, 9787-9794.	1.7	7
36	Improving the Quality and Luminescence Performance of Allâ€Inorganic Perovskite Nanomaterials for Lightâ€Emitting Devices by Surface Engineering. Small, 2020, 16, e1907089.	5.2	54

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37	CsPbBr ₃ @CsPbBr ₃ â€œCoreâ€Shell Heterojunction Nanowires via a Postsynthetic Method with HCl Gas. ACS Omega, 2020, 5, 11578-11584.	1.6	12
38	P/N Heteroleptic Cu(I)-Photosensitizer-Catalyzed Deoxygenative Radical Alkylation of Aromatic Alkynes with Alkyl Aldehydes Using Dipropylamine as a Traceless Linker Agent. ACS Catalysis, 2020, 10, 7563-7572.	5.5	26
39	Silicon-mediated enantioselective synthesis of structurally diverse $\hat{\pm}$ -amino acid derivatives. Science China Chemistry, 2020, 63, 1082-1090.	4.2	11
40	Modifying the Crystal Field of CsPbCl ₃ :Mn ²⁺ Nanocrystals by Co-doping to Enhance Its Red Emission by a Hundredfold. ACS Applied Materials & Interfaces, 2020, 12, 30711-30719.	4.0	41
41	Stereospecific Si-C coupling and remote control of axial chirality by enantioselective palladium-catalyzed hydrosilylation of maleimides. Nature Communications, 2020, 11, 2904.	5.8	56
42	With PBDB-T as the Donor, the PCE of Non-Fullerene Organic Solar Cells Based on Small Molecule INTIC Increased by 52.4%. Materials, 2020, 13, 1324.	1.3	6
43	Enhancing the stability and water resistance of CsPbBr ₃ perovskite nanocrystals by using tetrafluoride and zinc oxide as protective capsules. Journal of Materials Science, 2020, 55, 9739-9747.	1.7	14
44	Stereo- and regio-selective synthesis of silicon-containing diborylalkenes via platinum-catalyzed mono-lateral diboration of dialkynylsilanes. Chemical Communications, 2020, 56, 4188-4191.	2.2	16
45	Optical Capacitance/Conductance-Voltage Characteristics of Stored Charges in Organic Light-Emitting Diodes. Molecules, 2020, 25, 2818.	1.7	2
46	Color-Tunable Organic Light Emitting Diodes for Deep Blue Emission by Regulating the Optical Micro-Cavity. Molecules, 2020, 25, 2867.	1.7	8
47	Catalytic Asymmetric trans-Selective Hydrosilylation of Bisalkynes to Access AIE and CPL-Active Silicon-Stereogenic Benzosiloles. IScience, 2020, 23, 101268.	1.9	52
48	Highly Crystallized Pd/Cu Nanoparticles on Activated Carbon: An Efficient Heterogeneous Catalyst for Sonogashira Cross-Coupling Reaction. Catalysts, 2020, 10, 192.	1.6	17
49	Copper-catalyzed enantioselective desymmetrization of prochiral tetrasubstituted siladiols: Access toward optically active silicon-stereogenic silylmethanols. Catalysis Communications, 2020, 138, 105950.	1.6	15
50	Interface energy level alignment and improved film quality with a hydrophilic polymer interlayer to improve the device efficiency and stability of all-inorganic halide perovskite light-emitting diodes. Journal of Materials Chemistry C, 2020, 8, 6743-6748.	2.7	12
51	Long-Distance Chirality Transfer from P-Ligand to Prochiral Dihydrosilanes via Pd(II) Aryl Iodide Complex in Pd-Catalyzed Silylation of Aryl Iodide: A DFT Study. Journal of Organic Chemistry, 2020, 85, 14360-14368.	1.7	19
52	Perovskite Solar Cells Based on Compact, Smooth FA _{0.1} MA _{0.9} PbI ₃ Film with Efficiency Exceeding 22%. Nanoscale Research Letters, 2020, 15, 89.	3.1	21
53	Tertiary amine-directed and involved carbonylative cyclizations through Pd/Cu-cocatalyzed multiple Câ€X (X = H or N) bond cleavage. Chemical Science, 2019, 10, 9292-9301.	3.7	12
54	Convenient Synthesis of 2-(2,2-Difluoroethoxy)-6-(trifluoromethyl)-benzenesulfonyl Chloride, A Key Building Block of Penoxsulam. Synthesis, 2019, 51, 4249-4252.	1.2	2

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55	A medium-bandgap small molecule donor compatible with both fullerene and unfused-ring nonfullerene acceptors for efficient organic solar cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13396-13401.	2.7	13
56	Enantioselective Rhodium-Catalyzed Desymmetric Hydrosilylation of Cyclopropenes. <i>ACS Catalysis</i> , 2019, 9, 9110-9116.	5.5	61
57	The luminescence properties of CsPb _x M _{1-x} Br ₃ perovskite nanocrystals transformed from Cs ₄ PbBr ₆ mediated by various divalent bromide MBr ₂ salts. <i>Nanoscale</i> , 2019, 11, 4008-4014.	2.8	14
58	Enantioselective palladium/copper-catalyzed C=C ĩf-bond activation synergized with Sonogashira-type C(sp ³)ĀC(sp) cross-coupling alkynylation. <i>Chemical Science</i> , 2019, 10, 7579-7583.	3.7	55
59	Benefits of the Hydrophobic Surface for CH ₃ NH ₃ PbI ₃ Crystalline Growth towards Highly Efficient Inverted Perovskite Solar Cells. <i>Molecules</i> , 2019, 24, 2027.	1.7	16
60	ĀOn WaterĀCatalytic Aldol Reaction between Isatins and Acetophenones: Interfacial Hydrogen Bonding and Enamine Mechanism. <i>Journal of Organic Chemistry</i> , 2019, 84, 7642-7651.	1.7	15
61	Co-responsive smart cyclodextrin-gated mesoporous silica nanoparticles with ligand-receptor engagement for anti-cancer treatment. <i>Materials Science and Engineering C</i> , 2019, 103, 109831.	3.8	46
62	Partial cation substitution of tunable blueĀcyanĀemitting Ba ₂ B ₂ O ₅ :Ce ³⁺ for nearĀUV white LEDs. <i>Journal of the American Ceramic Society</i> , 2019, 102, 6213-6226.	1.9	5
63	PdCl ₂ (CH ₃ CN) ₂ -catalyzed regioselective CĀH olefinations of 2-amino biaryls with vinylsilanes as unactivated alkenes. <i>Chemical Communications</i> , 2019, 55, 6229-6232.	2.2	16
64	Enantioselective CrossĀExchange between CĀI and CĀC ĩfĀ...Bonds. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6747-6751.	7.2	62
65	Highly bright perovskite light-emitting diodes based on quasi-2D perovskite film through synergetic solvent engineering. <i>RSC Advances</i> , 2019, 9, 8373-8378.	1.7	15
66	DesymmetrizationĀOriented Enantioselective Synthesis of SiliconĀStereogenic Silanes by PalladiumĀCatalyzed CĀH Olefinations. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2082-2085.	1.7	31
67	Enantioselective CrossĀExchange between CĀI and CĀC ĩfĀ...Bonds. <i>Angewandte Chemie</i> , 2019, 131, 6819-6823.	1.7	16
68	Rational Strategy to Stabilize an Unstable HighĀEfficiency Binary Nonfullerene Organic Solar Cells with a Third Component. <i>Advanced Energy Materials</i> , 2019, 9, 1900376.	10.2	132
69	A series of novel BODIPY-fluorene copolymers: Synthesis, characterization, optical-electronic and nonlinear optical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 217, 164-169.	2.0	3
70	High-Performance Perovskite Solar Cells with a Non-doped Small Molecule Hole Transporting Layer. <i>ACS Applied Energy Materials</i> , 2019, 2, 1634-1641.	2.5	25
71	Catalytic asymmetric cycloaddition of unsymmetrical EWG-activated alkenes to fully substituted pyrrolidines bearing three different carbonyl groups. <i>Chemical Communications</i> , 2019, 55, 14363-14366.	2.2	5
72	A high-performance non-fullerene electron acceptor with bisalkylthiophene ĩf-bridges for organic photovoltaics. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14499-14503.	2.7	10

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73	Pd-Catalyzed Enantioselective Ring Opening/Cross-Coupling and Cyclopropanation of Cyclobutanones. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 897-901.	7.2	63
74	Catalytic Asymmetric Carbonylation of Prochiral Sulfonamides via ¹ H Desymmetrization. <i>ACS Catalysis</i> , 2019, 9, 1431-1436.	5.5	44
75	A robust multifunctional ligand-controlled palladium-catalyzed carbonylation reaction in water. <i>Chemical Communications</i> , 2018, 54, 5074-5077.	2.2	13
76	Inducing tunable host luminescence in Zn ₂ GeO ₄ tetrahedral materials via doping Cr ³⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 199, 179-188.	2.0	11
77	Ligand-Controlled Inversion of Diastereo- and Enantioselectivity in Silver-Catalyzed Azomethine Ylide-Imine Cycloaddition of Glycine Aldimino Esters with Imines. <i>Organic Letters</i> , 2018, 20, 2551-2554.	2.4	23
78	Design and Control of the Luminescence of Cr ³⁺ -Doped Phosphors in the Near-Infrared I Region by Fitting the Crystal Field. <i>Crystal Growth and Design</i> , 2018, 18, 3178-3186.	1.4	69
79	Silicon-based Bulky Group-Tuned Parallel Kinetic Resolution in Copper-Catalyzed 1,3-Dipolar Additions. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3002-3008.	2.1	16
80	Catalytic Enantioselective Synthesis of Highly Functionalized Pentafluorosulfanylated Pyrrolidines. <i>Chemistry - A European Journal</i> , 2018, 24, 5644-5651.	1.7	18
81	Lewis Acid-Catalyzed Yne-Carbonyl Metathesis of Ynamides and Cyclobutanones: Facile Synthesis of Functionalized Alkylidenecyclobutanes. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 374-377.	1.3	10
82	An additive dripping technique using diphenyl ether for tuning perovskite crystallization for high-efficiency solar cells. <i>Nano Research</i> , 2018, 11, 2648-2657.	5.8	11
83	Front Cover Picture: Silicon-based Bulky Group-Tuned Parallel Kinetic Resolution in Copper-Catalyzed 1,3-Dipolar Additions (<i>Adv. Synth. Catal.</i> 16/2018). <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2975-2975.	2.1	0
84	Palladium-Catalyzed Ring-Opening of β -Alkylidenecyclobutanols: Stereoselective Synthesis of β -Unsaturated Ketones by C-C Bond Cleavage. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 411-415.	2.1	14
85	Catalytic Asymmetric Huisgen Alkyne-Azide Cycloaddition of Bisalkynes by Copper(I) Nanoparticles. <i>ChemCatChem</i> , 2018, 10, 280-286.	1.8	36
86	A pronounced ligand effect on platinum-catalyzed Hydrosilylation of terminal alkynes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4037.	1.7	17
87	Palladium-catalyzed olefination of aryl/alkyl halides with trimethylsilyldiazomethane via carbene migratory insertion. <i>Chemical Communications</i> , 2018, 54, 12994-12997.	2.2	7
88	Highly bright and stable all-inorganic perovskite light-emitting diodes with methoxypolyethylene glycols modified CsPbBr ₃ emission layer. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	26
89	Pd-Catalyzed Enantioselective Ring Opening/Cross-Coupling and Cyclopropanation of Cyclobutanones. <i>Angewandte Chemie</i> , 2018, 131, 907.	1.6	47
90	3.5: Investigation of excited-state dynamics upon both photo- and electro-excitation of thermally activated delayed fluorescent molecules. <i>Digest of Technical Papers SID International Symposium</i> , 2018, 49, 29-34.	0.1	0

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91	Enhancement of Upconversion Emissions of NaYF ₄ :Yb ³⁺ , Tm ³⁺ Nanoparticles by Ba ²⁺ Co-Doping. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 7584-7589.	0.9	12
92	Investigation of excited-state dynamics upon both photoexcitation and electroexcitation of thermally activated delayed fluorescent molecules. <i>Journal of the Society for Information Display</i> , 2018, 26, 694-699.	0.8	2
93	Copper-on-nitride enhances the stable electrosynthesis of multi-carbon products from CO ₂ . <i>Nature Communications</i> , 2018, 9, 3828.	5.8	279
94	Enantioselective synthesis of axially chiral vinyl arenes through palladium-catalyzed C-H olefination. <i>Chemical Communications</i> , 2018, 54, 10706-10709.	2.2	53
95	Construction of Six-Membered Silacyclic Skeletons via Platinum-Catalyzed Tandem Hydrosilylation/Cyclization with Dihydrosilanes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2825-2830.	2.1	27
96	Synthesis of Functionalized Phenathridine-carbonitriles via Copper-catalyzed Annulation of Vinyl Azides and NaN ₃ in the Presence of PhI(OAc) ₂ . <i>ChemistrySelect</i> , 2018, 3, 7354-7357.	0.7	12
97	Highly Efficient and Operational Stability Polymer Solar Cells Employing Nonhalogenated Solvents and Additives. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24075-24081.	4.0	12
98	Palladium-catalyzed tandem allylic substitution/cyclization and cascade hydrosilylated reduction: the influence of reaction parameters and hydrosilanes on the stereoselectivity. <i>RSC Advances</i> , 2018, 8, 22944-22951.	1.7	12
99	Highly efficient desymmetrization of cyclopropenes to azabicyclo[3.1.0]hexanes with five continuous stereogenic centers by copper-catalyzed [3 + 2] cycloadditions. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2759-2764.	2.3	21
100	Dual-Responsive Core Crosslinking Glycopolymer-Drug Conjugates Nanoparticles for Precise Hepatocarcinoma Therapy. <i>Frontiers in Pharmacology</i> , 2018, 9, 663.	1.6	28
101	Disilanylene-bridged BODIPY-based "A architectures: a novel promising series of NLO chromophores. <i>Chemical Communications</i> , 2018, 54, 8834-8837.	2.2	43
102	Synthesis of silacyclobutanes and their catalytic transformations enabled by transition-metal complexes. <i>Coordination Chemistry Reviews</i> , 2018, 374, 93-113.	9.5	73
103	Biphenyl Triarylamine Hole Transport Material for Highly Efficient and Low-Temperature Solution-Processed p-i-n Perovskite Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 7374-7379.	0.9	2
104	Transition-metal-catalyzed transfer carbonylation with HCOOH or HCHO as non-gaseous C1 source. <i>Coordination Chemistry Reviews</i> , 2017, 336, 43-53.	9.5	119
105	Upconversion Nanocrystals Mediated Lateral-Flow Nanoplatform for <i>in Vitro</i> Detection. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3497-3504.	4.0	79
106	Perovskite solar cells with a DMSO-treated PEDOT:PSS hole transport layer exhibit higher photovoltaic performance and enhanced durability. <i>Nanoscale</i> , 2017, 9, 4236-4243.	2.8	135
107	Transition-Metal-Free Oxidative C(sp ²)-H Hydroxylation of Terpyridines: A HOMO-Raising Strategy for the Construction of a New Super-Stable Terpyridine Chromophores. <i>Chemistry - A European Journal</i> , 2017, 23, 4055-4059.	1.7	3
108	Catalytic Synthesis of Chiral Phosphole Oxides via Desymmetric C-H Arylation of o-Bromoaryl Phosphine Oxides. <i>Synlett</i> , 2017, 28, 1432-1436.	1.0	16

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109	Iridium-Catalyzed Intramolecular C-H Silylation of Siloxane-Ethered Arene and Hydrosilane: Facile and Catalytic Synthesis of Cyclic Siloxanes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2247-2252.	2.1	29
110	Mechanistic Insights into Palladium-Catalyzed Silylation of Aryl Iodides with Hydrosilanes through a DFT Study. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1749-1757.	1.7	26
111	Copper(0)/Selectfluor System-Promoted Oxidative Carbon-Carbon Bond Cleavage/Annulation of <i>ortho</i> -Aryl Chalcones: An Unexpected Synthesis of 9,10-Phenanthraquinone Derivatives. <i>Journal of Organic Chemistry</i> , 2017, 82, 109-118.	1.7	24
112	Lewis-Base-Mediated Diastereoselective Silylations of Alcohols: Synthesis of Silicon-Stereogenic Dialkoxysilanes Controlled by Chiral Aryl BINMOLs. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1730-1735.	1.7	38
113	Platinum-Catalyzed Multicomponent Alcoholysis/Hydrosilylation and Bis-Hydrosilylation of Alkynes with Dihydrosilanes. <i>ChemCatChem</i> , 2017, 9, 3111-3116.	1.8	28
114	Asymmetric Synthesis of Glutamic Acid Derivatives by Silver-Catalyzed Conjugate Addition-Elimination Reactions. <i>Organic Letters</i> , 2017, 19, 4896-4899.	2.4	16
115	Bimetallic copper and zinc-catalyzed oxidative cycloaddition of 3-aminopyridazines and nitriles: a direct synthesis of 1,2,4-triazolo[1,5-b]pyridazines via C-N and N-N bond-forming process. <i>RSC Advances</i> , 2017, 7, 37208-37213.	1.7	6
116	Enantioselective Synthesis of Chiral Imidazolidine Derivatives by Asymmetric Silver/Xing-Phos-Catalyzed Homo-1,3-Dipolar [3+2] Cycloaddition of Azomethine Ylides. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3577-3584.	2.1	24
117	Enantioselective synthesis of chiral acylsilanes by copper/HZNU-Phos-catalyzed asymmetric conjugate addition of diethylzinc to α,β -unsaturated acylsilanes. <i>RSC Advances</i> , 2017, 7, 54934-54938.	1.7	6
118	Graphene-enhanced platinum-catalysed hydrosilylation of amides and chalcones: a sustainable strategy allocated with in situ heterogenization and multitask application of H ₂ PtCl ₆ . <i>RSC Advances</i> , 2017, 7, 50729-50738.	1.7	5
119	Catalytic synthesis of chiral organoheteroatom compounds of silicon, phosphorus, and sulfur via asymmetric transition metal-catalyzed C-H functionalization. <i>Coordination Chemistry Reviews</i> , 2017, 330, 37-52.	9.5	145
120	Cs ₂ CO ₃ -Initiated Trifluoro-Methylation of Chalcones and Ketones for Practical Synthesis of Trifluoromethylated Tertiary Silyl Ethers. <i>Molecules</i> , 2017, 22, 769.	1.7	6
121	Chiral Organosilicon Compounds. , 2017, , 145-194.		7
122	Conjugated Polymers Containing BODIPY and Fluorene Units for Sensitive Detection of CN ⁻ Ions: Site-Selective Synthesis, Photo-Physical and Electrochemical Properties. <i>Polymers</i> , 2017, 9, 512.	2.0	17
123	Integrated Effects of Two Additives on the Enhanced Performance of PTB7:PC71BM Polymer Solar Cells. <i>Materials</i> , 2016, 9, 171.	1.3	16
124	A <i>trans</i> -Camphor-Based Schiff Base as a Highly Efficient N,P Ligand for Enantioselective Palladium-Catalyzed Allylic Substitutions. <i>ChemCatChem</i> , 2016, 8, 1495-1499.	1.8	36
125	C-H Functionalization/C-O Bond Cleavage of Benzyl Silyl Ethers with Ynamides for the Chemoselective Synthesis of Skeletally Diverse Compounds. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 480-485.	2.1	25
126	A Total Synthesis of Paeoveitol. <i>Organic Letters</i> , 2016, 18, 3698-3701.	2.4	33

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133	Tao-Phos-controlled desymmetrization of succinimide-based bisalkynes via asymmetric copper-catalyzed Huisgen alkyne-azide click cycloaddition: substrate scope and mechanism. <i>RSC Advances</i> , 2016, 6, 58698-58708.	1.7	31
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