

Yong Liang

List of Publications by Year in descending order

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117
papers

7,037
citations

53660

45
h-index

60497

81
g-index

133
all docs

133
docs citations

133
times ranked

6383
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Aziridination of Tetrasubstituted Alkenes with Ammonia. <i>CCS Chemistry</i> , 2022, 4, 693-703.	4.6	16
2	Design and Development of a Bioorthogonal, Visualizable and Mitochondria-Targeted Hydrogen Sulfide (H ₂ S) Delivery System. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	23
3	Chemo-, site-selective reduction of nitroarenes under blue-light, catalyst-free conditions. <i>Chinese Chemical Letters</i> , 2022, 33, 2420-2424.	4.8	19
4	Palladium-catalyzed stereospecific C=C-P coupling toward diverse PN-heterocycles. <i>Chem</i> , 2022, 8, 569-579.	5.8	10
5	Fluorogenic sydnonimine probes for orthogonal labeling. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	1.5	2
6	Regio- and enantioselective nucleophilic addition to gem-difluoroallenes. , 2022, 1, 227-234.		12
7	Selective C-H Borylation of Aromatic Quaternary Ammonium and Phosphonium Salts. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	18
8	Metal- and Strain-Free Bioorthogonal Cycloaddition of <i>o</i> -Diones with Furan(3 <i>H</i>)one as Anionic Cycloaddend. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	9
9	In Vitro Reconstitution of Cinnamoyl Moiety Reveals Two Distinct Cyclases for Benzene Ring Formation. <i>Journal of the American Chemical Society</i> , 2022, 144, 7939-7948.	6.6	16
10	Conformational remodeling enhances activity of lanthipeptide zinc-metallopeptidases. <i>Nature Chemical Biology</i> , 2022, 18, 724-732.	3.9	6
11	Regio- and enantioselective remote hydroarylation using a ligand-relay strategy. <i>Nature Communications</i> , 2022, 13, 2471.	5.8	28
12	Rhodium-catalyzed selective direct arylation of phosphines with aryl bromides. <i>Nature Communications</i> , 2022, 13, .	5.8	22
13	Computationally designed ligands enable tunable borylation of remote C-H bonds in arenes. <i>Chem</i> , 2022, 8, 1775-1788.	5.8	14
14	Ligand-Controlled Palladium-Catalyzed Regiodivergent Defluorinative Allylation of gem-Difluorocyclopropanes via C-F Bond Activation. <i>Chinese Journal of Chemistry</i> , 2022, 40, 2345-2355.	2.6	21
15	Diversification of Aryl Sulfonyl Compounds through Ligand-Controlled <i>meta</i> - and <i>para</i> -C-H Borylation. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
16	Diversification of Aryl Sulfonyl Compounds through Ligand-Controlled <i>meta</i> - and <i>para</i> -C-H Borylation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	13
17	The role of CuI in the siloxane-mediated Pd-catalyzed cross-coupling reactions of aryl iodides with aryl lithium reagents. <i>Chinese Chemical Letters</i> , 2021, 32, 441-444.	4.8	4
18	Rh-Catalyzed Decarbonylative Cross-Coupling between <i>o</i> -Carboranes and Twisted Amides: A Regioselective, Additive-Free, and Concise Late-Stage Carboranylation. <i>Chemistry - A European Journal</i> , 2021, 27, 2699-2706.	1.7	24

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19	Rhodium-catalysed selective C–C bond activation and borylation of cyclopropanes. <i>Chemical Science</i> , 2021, 12, 3599-3607.	3.7	10
20	Computational Redesign of a PETase for Plastic Biodegradation under Ambient Condition by the GRAPE Strategy. <i>ACS Catalysis</i> , 2021, 11, 1340-1350.	5.5	263
21	Palladium-Catalyzed Silacyclization of (Hetero)Arenes with a Tetrasilane Reagent through Twofold C–H Activation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7066-7071.	7.2	30
22	Metal-Free Directed C–H Borylation of Pyrroles. <i>Angewandte Chemie</i> , 2021, 133, 8581-8585.	1.6	12
23	Metal-Free Directed C–H Borylation of Pyrroles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8500-8504.	7.2	40
24	Diastereoselective Access to Tetracyclic Eight-Membered Lactams through a Dearomative Heck Reaction and an Alkylative Ring-Opening Driven by Photoexcited Spiroindolines. <i>Chemistry - A European Journal</i> , 2021, 27, 6308-6314.	1.7	7
25	A [6+4]-cycloaddition adduct is the biosynthetic intermediate in streptoseomycin biosynthesis. <i>Nature Communications</i> , 2021, 12, 2092.	5.8	7
26	A BBE-like Oxidase, AsmF, Dictates the Formation of Naphthalenic Hydroxyl Groups in Ansaseomycin Biosynthesis. <i>Organic Letters</i> , 2021, 23, 3724-3728.	2.4	6
27	Selective annulation of benzamides with internal alkynes catalyzed by an electron-deficient rhodium catalyst. <i>Chinese Chemical Letters</i> , 2021, 32, 1717-1720.	4.8	10
28	Rational construction of a reversible arylazo-based NIR probe for cycling hypoxia imaging in vivo. <i>Nature Communications</i> , 2021, 12, 2772.	5.8	37
29	Kinetic Resolution of Spiroindolines through Ir-Catalyzed Asymmetric Alkylative Ring-Opening Reaction. <i>Organic Letters</i> , 2021, 23, 6664-6668.	2.4	5
30	An NADPH-Dependent Ketoreductase Catalyses the Tetracyclic to Pentacyclic Skeletal Rearrangement in Chartreusin Biosynthesis. <i>Angewandte Chemie</i> , 2021, 133, 26582-26588.	1.6	2
31	An NADPH-Dependent Ketoreductase Catalyses the Tetracyclic to Pentacyclic Skeletal Rearrangement in Chartreusin Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26378-26384.	7.2	10
32	Origin of Site Selectivity in Toluene Hydroxylation by Cytochrome P450 Enzymes. <i>Journal of Organic Chemistry</i> , 2021, 86, 13768-13773.	1.7	13
33	Generation of hydroxyl radical-activatable ratiometric near-infrared bimodal probes for early monitoring of tumor response to therapy. <i>Nature Communications</i> , 2021, 12, 6145.	5.8	66
34	A relay catalysis strategy for enantioselective nickel-catalyzed migratory hydroarylation forming chiral β -aryl alkylboronates. <i>Chem</i> , 2021, 7, 3171-3188.	5.8	55
35	Influence of Water and Enzyme on the Post-Transition State Bifurcation of NgnD-Catalyzed Ambimodal [6+4]/[4+2] Cycloaddition. <i>Journal of the American Chemical Society</i> , 2021, 143, 21003-21009.	6.6	9
36	Ternary Catalysis Enabled Three-Component Asymmetric Allylic Alkylation as a Concise Track to Chiral β , γ -Disubstituted Ketones. <i>Journal of the American Chemical Society</i> , 2021, 143, 20818-20827.	6.6	60

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37	Rhodium(III)-Catalyzed C(sp ²)–H Chemoselective Annulation to O-Cyclized Isochromen-imines from Benzamides. <i>Organic Letters</i> , 2020, 22, 9462-9467.	2.4	10
38	Synthesis of 7-hydroxy-6 <i>H</i> -naphtho[2,3- <i>c</i>]coumarin <i>via</i> a TsOH-mediated tandem reaction. <i>Chemical Communications</i> , 2020, 56, 10369-10372.	2.2	6
39	Metal-free generation of hydroxyl radicals by benzoate-mediated decomposition of peroxides. <i>Chemical Communications</i> , 2020, 56, 7443-7446.	2.2	7
40	Dynamical Trajectory Study of the Transannular [6+4] and Ambimodal Cycloaddition in the Biosynthesis of Heronamides. <i>Journal of Organic Chemistry</i> , 2020, 85, 9440-9445.	1.7	14
41	Copper-catalysed photoinduced decarboxylative alkynylation: a combined experimental and computational study. <i>Chemical Science</i> , 2020, 11, 4939-4947.	3.7	35
42	Computational Design of Enhanced Enantioselectivity in Chiral Phosphoric Acid-Catalyzed Oxidative Desymmetrization of 1,3-Diol Acetals. <i>Journal of the American Chemical Society</i> , 2020, 142, 8506-8513.	6.6	27
43	Integrated redox-active reagents for photoinduced regio- and stereoselective fluorocarbonylation. <i>Nature Communications</i> , 2020, 11, 2572.	5.8	36
44	Isomeric triazines exhibit unique profiles of bioorthogonal reactivity. <i>Chemical Science</i> , 2019, 10, 9109-9114.	3.7	33
45	Diastereoselective Synthesis of Polysubstituted Piperidines through Visible-Light-Driven Silylative Cyclization of Aza-1,6-Dienes: Experimental and DFT Studies. <i>Chemistry - A European Journal</i> , 2019, 25, 16506-16510.	1.7	16
46	Thermally Activated Transient Dipoles and Rotational Dynamics of Hydrogen-Bonded and Charge-Transferred Diazabicyclo [2.2.2]Octane Molecular Rotors. <i>Journal of the American Chemical Society</i> , 2019, 141, 16802-16809.	6.6	24
47	Cytotoxic aromatic polyketides from an insect derived <i>Streptomyces</i> sp. NA4286. <i>Tetrahedron Letters</i> , 2019, 60, 1706-1709.	0.7	7
48	Design of a 1,8-naphthalimide-based OFF-ON type bioorthogonal reagent for fluorescent imaging in live cells. <i>Chinese Chemical Letters</i> , 2019, 30, 2169-2172.	4.8	30
49	Metal-Free Oxidative N Coupling of nido-Carborane with Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11886-11892.	7.2	26
50	Rational Design of a Narrow-Bandgap Conjugated Polymer Using the Quinoidal Thieno[3,2- <i>b</i>]thiophene-Based Building Block for Organic Field-Effect Transistor Applications. <i>Macromolecules</i> , 2019, 52, 4749-4756.	2.2	41
51	Halogen effects on phenylethynyl palladium(II) complexes for living polymerization of isocyanides: a combined experimental and computational investigation. <i>Science China Chemistry</i> , 2019, 62, 491-499.	4.2	22
52	Enzyme-catalysed [6+4] cycloadditions in the biosynthesis of natural products. <i>Nature</i> , 2019, 568, 122-126.	13.7	83
53	Bialternacins A–F, Aromatic Polyketide Dimers from an Endophytic <i>Alternaria</i> sp.. <i>Journal of Natural Products</i> , 2019, 82, 792-797.	1.5	21
54	Computational and experimental investigation on the BCl ₃ promoted intramolecular amination of alkenes and alkynes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2776-2783.	1.5	8

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55	Access to Functionalized <i>E</i> -Allylsilanes and <i>E</i> -Alkenylsilanes through Visible-Light-Driven Radical Hydrosilylation of Mono- and Disubstituted Allenes. <i>Organic Letters</i> , 2019, 21, 9836-9840.	2.4	31
56	Metal-free directed sp ² -C-H borylation. <i>Nature</i> , 2019, 575, 336-340.	13.7	175
57	Leaving Group Assisted Strategy for Photoinduced Fluoroalkylations Using <i>N</i> -Hydroxybenzimidoyl Chloride Esters. <i>Angewandte Chemie</i> , 2019, 131, 634-637.	1.6	16
58	Leaving Group Assisted Strategy for Photoinduced Fluoroalkylations Using <i>N</i> -Hydroxybenzimidoyl Chloride Esters. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 624-627.	7.2	60
59	Origins of halogen effects in bioorthogonal sydnone cycloadditions. <i>Chemical Communications</i> , 2018, 54, 5082-5085.	2.2	24
60	Bioorthogonal release of sulfonamides and mutually orthogonal liberation of two drugs. <i>Chemical Communications</i> , 2018, 54, 14089-14092.	2.2	42
61	A Unique Skeletal Rearrangement of a Bicyclo[3.3.1]nonanetrione to a Tetrahydroquinolin-2(1H)-one System. <i>Synlett</i> , 2018, 29, 1711-1716.	1.0	1
62	Molecular Basis for the Final Oxidative Rearrangement Steps in Chartreusin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2018, 140, 10909-10914.	6.6	26
63	A potassium tert-butoxide and hydrosilane system for ultra-deep desulfurization of fuels. <i>Nature Energy</i> , 2017, 2, .	19.8	55
64	Potassium <i>tert</i> -Butoxide-Catalyzed Dehydrogenative C-H Silylation of Heteroaromatics: A Combined Experimental and Computational Mechanistic Study. <i>Journal of the American Chemical Society</i> , 2017, 139, 6867-6879.	6.6	160
65	Ionic and Neutral Mechanisms for C-H Bond Silylation of Aromatic Heterocycles Catalyzed by Potassium <i>tert</i> -Butoxide. <i>Journal of the American Chemical Society</i> , 2017, 139, 6880-6887.	6.6	111
66	Type II Anion Relay Chemistry: Conformational Constraints To Achieve Effective [1,5]-Vinyl Brook Rearrangements. <i>Journal of the American Chemical Society</i> , 2017, 139, 8710-8717.	6.6	22
67	Bioorthogonal Cycloadditions: Computational Analysis with the Distortion/Interaction Model and Predictions of Reactivities. <i>Accounts of Chemical Research</i> , 2017, 50, 2297-2308.	7.6	139
68	Tautomerization and Dimerization of 6,13-Disubstituted Derivatives of Pentacene. <i>Chemistry - A European Journal</i> , 2017, 23, 6111-6117.	1.7	7
69	Unexpected, Latent Radical Reaction of Methane Propagated by Trifluoromethyl Radicals. <i>Journal of Organic Chemistry</i> , 2016, 81, 9820-9825.	1.7	10
70	Distortion-Controlled Reactivity and Molecular Dynamics of Dehydro-Diels-Alder Reactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 8247-8252.	6.6	57
71	Diels-Alder Reactivities of Benzene, Pyridine, and Di-, Tri-, and Tetrazines: The Roles of Geometrical Distortions and Orbital Interactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 1660-1667.	6.6	91
72	Design, Synthesis, and Validation of an Effective, Reusable Silicon-Based Transfer Agent for Room-Temperature Pd-Catalyzed Cross-Coupling Reactions of Aryl and Heteroaryl Chlorides with Readily Available Aryl Lithium Reagents. <i>Journal of the American Chemical Society</i> , 2016, 138, 1836-1839.	6.6	38

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73	Discovery of new mutually orthogonal bioorthogonal cycloaddition pairs through computational screening. <i>Chemical Science</i> , 2016, 7, 1257-1261.	3.7	84
74	Iodoarene-Catalyzed Stereospecific Intramolecular $\text{sp}^3\text{-C-H}$ Amination: Reaction Development and Mechanistic Insights. <i>Journal of the American Chemical Society</i> , 2015, 137, 7564-7567.	6.6	130
75	1,2,4-Triazines Are Versatile Bioorthogonal Reagents. <i>Journal of the American Chemical Society</i> , 2015, 137, 8388-8391.	6.6	123
76	Computational and Experimental Studies of Phthaloyl Peroxide-Mediated Hydroxylation of Arenes Yield a More Reactive Derivative, 4,5-Dichlorophthaloyl Peroxide. <i>Journal of Organic Chemistry</i> , 2015, 80, 8084-8095.	1.7	31
77	Mechanistic Insights into Two-Phase Radical C-H Arylations. <i>ACS Central Science</i> , 2015, 1, 456-462.	5.3	29
78	Unconventional, Chemically Stable, and Soluble Two-Dimensional Angular Polycyclic Aromatic Hydrocarbons: From Molecular Design to Device Applications. <i>Accounts of Chemical Research</i> , 2015, 48, 500-509.	7.6	227
79	Mechanisms and Origins of Switchable Chemoselectivity of Ni-Catalyzed C(aryl)-O and C(acyl)-O Activation of Aryl Esters with Phosphine Ligands. <i>Journal of the American Chemical Society</i> , 2014, 136, 2017-2025.	6.6	218
80	Remote Ester Groups Switch Selectivity: Diastereodivergent Synthesis of Tetracyclic Spiroindolines. <i>Journal of the American Chemical Society</i> , 2014, 136, 6900-6903.	6.6	118
81	Why Alkynyl Substituents Dramatically Accelerate Hexadehydro-Diels-Alder (HDDA) Reactions: Stepwise Mechanisms of HDDA Cycloadditions. <i>Organic Letters</i> , 2014, 16, 5702-5705.	2.4	51
82	Distortion-accelerated cycloadditions and strain-release-promoted cycloreversions in the organocatalytic carbonyl-olefin metathesis. <i>Chemical Science</i> , 2014, 5, 471-475.	3.7	91
83	How Tethers Control the Chemo- and Regioselectivities of Intramolecular Cycloadditions between Aryl-1-aza-2-azoniaallenes and Alkenes. <i>Organic Letters</i> , 2014, 16, 4260-4263.	2.4	24
84	Synthesis and Reactivity Comparisons of β -Methyl- α -Substituted Cyclopropene Mini-Tags for Tetrazine Bioorthogonal Reactions. <i>Chemistry - A European Journal</i> , 2014, 20, 3365-3375.	1.7	102
85	Reactions in Elastomeric Nanoreactors Reveal the Role of Force on the Kinetics of the Huisgen Reaction on Surfaces. <i>Journal of the American Chemical Society</i> , 2014, 136, 10553-10556.	6.6	37
86	Why Bistetracenes Are Much Less Reactive Than Pentacenes in Diels-Alder Reactions with Fullerenes. <i>Journal of the American Chemical Society</i> , 2014, 136, 10743-10751.	6.6	52
87	Theoretical Elucidation of the Origins of Substituent and Strain Effects on the Rates of Diels-Alder Reactions of 1,2,4,5-Tetrazines. <i>Journal of the American Chemical Society</i> , 2014, 136, 11483-11493.	6.6	135
88	Chiral Phosphoric Acid Catalyzed Highly Enantioselective Desymmetrization of 2-Substituted and 2,2-Disubstituted 1,3-Diols via Oxidative Cleavage of Benzylidene Acetals. <i>Journal of the American Chemical Society</i> , 2014, 136, 12249-12252.	6.6	82
89	Metal-free oxidation of aromatic carbon-hydrogen bonds through a reverse-rebound mechanism. <i>Nature</i> , 2013, 499, 192-196.	13.7	162
90	Isomeric Cyclopropenes Exhibit Unique Bioorthogonal Reactivities. <i>Journal of the American Chemical Society</i> , 2013, 135, 13680-13683.	6.6	134

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91	Diels-Alder Reactions of Graphene: Computational Predictions of Products and Sites of Reaction. <i>Journal of the American Chemical Society</i> , 2013, 135, 17643-17649.	6.6	82
92	Covalently Patterned Graphene Surfaces by a Force-Accelerated Diels-Alder Reaction. <i>Journal of the American Chemical Society</i> , 2013, 135, 9240-9243.	6.6	121
93	Diels-Alder Reactivities of Strained and Unstrained Cycloalkenes with Normal and Inverse-Electron-Demand Dienes: Activation Barriers and Distortion/Interaction Analysis. <i>Journal of the American Chemical Society</i> , 2013, 135, 15642-15649.	6.6	165
94	Control and Design of Mutual Orthogonality in Bioorthogonal Cycloadditions. <i>Journal of the American Chemical Society</i> , 2012, 134, 17904-17907.	6.6	132
95	Gold-Catalyzed Intermolecular Reactions of Propiolic Acids with Alkenes: [4 + 2] Annulation and Ene Cross Metathesis. <i>Journal of the American Chemical Society</i> , 2012, 134, 208-211.	6.6	88
96	Total Synthesis of (+)-Asteriscanolide: Further Exploration of the Rhodium(I)-Catalyzed [(5+2)+1] Reaction of Ene-Vinylcyclopropanes and CO. <i>Chemistry - an Asian Journal</i> , 2012, 7, 593-604.	1.7	51
97	Highly Diastereoselective Construction of Fused Carbocycles from Cyclopropane-1,1-dicarboxylates and Cyclic Enol Silyl Ethers: Scope, Mechanism, and Origin of Diastereoselectivity. <i>Chemistry - A European Journal</i> , 2012, 18, 2196-2201.	1.7	74
98	Density Functional Theory Study of the Mechanism and Origins of Stereoselectivity in the Asymmetric Simmons-Smith Cyclopropanation with Charetté Chiral Dioxaborolane Ligand. <i>Journal of the American Chemical Society</i> , 2011, 133, 9343-9353.	6.6	42
99	Enantioselective total synthesis of (+)-asteriscanolide via Rh(I)-catalyzed [(5+2)+1] reaction. <i>Chemical Communications</i> , 2011, 47, 6659.	2.2	70
100	Tunable Carbonyl Ylide Reactions: Selective Synthesis of Dihydrofurans and Dihydrobenzoxepines. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7874-7878.	7.2	59
101	Thieme Chemistry Journal Awardees - Where are They Now? Phosphine- and Water-Cocatalyzed [3+2] Cycloaddition Reactions of 2-Methyl-2,3-butadienoate with Fumarates: A Computational and Experimental Study. <i>Synlett</i> , 2009, 2009, 905-909.	1.0	10
102	Why Is Copper(I) Complex More Competent Than Dirhodium(II) Complex in Catalytic Asymmetric O [~] H Insertion Reactions? A Computational Study of the Metal Carbenoid O [~] H Insertion into Water. <i>Journal of the American Chemical Society</i> , 2009, 131, 17783-17785.	6.6	217
103	New Insights into the Torquoselectivity of the Staudinger Reaction. <i>Journal of the American Chemical Society</i> , 2009, 131, 1542-1549.	6.6	82
104	Mechanisms of Cascade Reactions in the Syntheses of Camptothecin-Family Alkaloids: Intramolecular [4 ⁺ + 2] Reactions of N-Arylimidates and Alkynes. <i>Organic Letters</i> , 2009, 11, 5302-5305.	2.4	23
105	Mechanism, Regioselectivity, and the Kinetics of Phosphine-Catalyzed [3+2] Cycloaddition Reactions of Allenates and Electron-Deficient Alkenes. <i>Chemistry - A European Journal</i> , 2008, 14, 4361-4373.	1.7	346
106	A Computationally Designed Rh(I)-Catalyzed Two-Component [5+2+1] Cycloaddition of Ene-vinylcyclopropanes and CO for the Synthesis of Cyclooctenones. <i>Journal of the American Chemical Society</i> , 2007, 129, 10060-10061.	6.6	184
107	An Unexpected Role of a Trace Amount of Water in Catalyzing Proton Transfer in Phosphine-Catalyzed (3 + 2) Cycloaddition of Allenates and Alkenes. <i>Journal of the American Chemical Society</i> , 2007, 129, 3470-3471.	6.6	427
108	Mechanistic Twist of the [8+2] Cycloadditions of Dienylisobenzofurans and Dimethyl Acetylenedicarboxylate: Stepwise [8+2] versus [4+2]/[1,5]-Vinyl Shift Mechanisms Revealed through a Theoretical and Experimental Study. <i>Journal of the American Chemical Society</i> , 2007, 129, 10773-10784.	6.6	63

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109	Nitrene Equivalent Mediated Metal-Free Ring Expansions of Alkylidenecyclopropanes and an Alkylidenecyclobutane. <i>Organic Letters</i> , 2006, 8, 5877-5879.	2.4	45
110	Do Reaction Conditions Affect the Stereoselectivity in the Staudinger Reaction?. <i>Journal of Organic Chemistry</i> , 2006, 71, 6983-6990.	1.7	120
111	A Versatile Method for the Synthesis of 3-Alkoxy carbonyl β -Lactam Derivatives. <i>Journal of Organic Chemistry</i> , 2006, 71, 815-818.	1.7	58
112	Origin of the Relative Stereoselectivity of the β -Lactam Formation in the Staudinger Reaction. <i>Journal of the American Chemical Society</i> , 2006, 128, 6060-6069.	6.6	230
113	Microwave- and Photoirradiation-Induced Staudinger Reactions of Cyclic Imines and Ketenes Generated from α -Diazoketones. A Further Investigation into the Stereochemical Process.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
114	Microwave- and Photoirradiation-Induced Staudinger Reactions of Cyclic Imines and Ketenes Generated from α -Diazoketones. A Further Investigation into the Stereochemical Process. <i>Journal of Organic Chemistry</i> , 2005, 70, 334-337.	1.7	87
115	Design and Development of a Bioorthogonal, Visualizable and Mitochondria-Targeted Hydrogen Sulfide (H ₂ S) Delivery System. <i>Angewandte Chemie</i> , 0, , .	1.6	1
116	Regioselective C-H Borylation of Aromatic Quaternary Ammonium and Phosphonium Salts. <i>Angewandte Chemie</i> , 0, , .	1.6	2
117	Metal- and Strain-Free Bioorthogonal Cycloaddition of α -Diones with Furan (3-H) as Anionic Cycloaddend. <i>Angewandte Chemie</i> , 0, , .	1.6	0