Yuke Li

List of Publications by Year
in descending order

38 papers	995 citations	471061 17 h-index	454577 30 g-index
40 all docs	40 docs citations	40 times ranked	684 citing authors

#	Article	IF	Citations
1	Synthesis, Structures, and Properties of Heptabenzo[7]circulene and Octabenzo[8]circulene. Journal of the American Chemical Society, 2019, 141, 9680-9686.	6.6	116
2	Three-Component Ruthenium-Catalyzed Direct Meta-Selective Câ€“H Activation of Arenes: A New Approach to the Alkylarylation of Alkenes. Journal of the American Chemical Society, 2019, 141, 13914-13922.	6.6	113
3	Star-polymer multidentate-cross-linking strategy for superior operational stability of inverted perovskite solar cells at high efficiency. Energy and Environmental Science, 2021, 14, 5406-5415.	15.6	88
4	Carboxylate Ligand-Exchanged Amination/C(sp³)â€“H Arylation Reaction via Pd/Norbornene Cooperative Catalysis. ACS Catalysis, 2018, 8, 11827-11833.	5.5	64
5	Synthesis of C4-Aminated Indoles via a Catellani and Retro-Dielsâ€“Alder Strategy. Journal of the American Chemical Society, 2019, 141, 9731-9738.	6.6	64
6	Environmentalâ€Friendly Polymer for Efficient and Stable Inverted Perovskite Solar Cells with Mitigating Lead Leakage. Advanced Functional Materials, 2022, 32, .	7.8	59
7	Critical Role of Removing Impurities in Nickel Oxide on Highâ€Efficiency and Longâ€Term Stability of Inverted Perovskite Solar Cells. Angewandte Chemie - International Edition, 2022, 61, .	7.2	51
8	Enhanced nitrate reduction reaction via efficient intermediate nitrite conversion on tunable CuxNiy/NC electrocatalysts. Journal of Hazardous Materials, 2022, 421, 126628.	6.5	39
9	Ruthenium-Catalyzed Radical Cyclization/meta-Selective Câ€“H Alkylation of Arenes via ï-Activation Strategy. ACS Catalysis, 2021, 11, 4263-4270.	5.5	34
10	Experimental and Computational Studies of Palladium-Catalyzed Spirocyclization via a Narasakaâ€“Heck/C(sp³ or sp²)â€“H Activation Cascade Reaction. Journal of the American Chemical Society, 2021, 143, 7868-7875.	6.6	31
11	Inhibiting metal-inward diffusion-induced degradation through strong chemical coordination toward stable and efficient inverted perovskite solar cells. Energy and Environmental Science, 2022, 15, 2154-2163.	15.6	30
12	Trefoilâ€Shaped Porous Nanographenes Bearing a Tribenzotriquinacene Core by Threeâ€fold Scholl Macrocyclization. Angewandte Chemie - International Edition, 2018, 57, 13635-13639.	7.2	27
13	Rutheniumâ€Catalyzed Stereoâ€and Siteâ€Selective orthoâ€ and metaâ€Câˆ’H Glycosylation and Mechanistic Studies. Angewandte Chemie - International Edition, 2022, 61, .	7.2	27
14	Synthesis of C4-Substituted Indoles via a Catellani and Câ€“N Bond Activation Strategy. Organic Letters, 2020, 22, 8267-8271.	2.4	25
15	Site-selective coupling of remote C(sp³)â€“H/meta-C(sp²)â€“H bonds enabled by Ru/photoredox dual catalysis and mechanistic studies. Chemical Science, 2022, 13, 5382-5389.	3.7	24
16	Palladium-catalyzed Câ€“H glycosylation and retro Dielsâ€“Alder tandem reaction via structurally modified norbornadienes (smNBDs). Chemical Science, 2021, 12, 13144-13150.	3.7	21
17	Cu-Catalyzed Direct Câ€“H Alkylation of Polyfluoroarenes via Remote C(sp³)â€“H Functionalization in Carboxamides. Organic Letters, 2021, 23, 2693-2698.	2.4	20
18	Palladium-Catalyzed Synthesis of Tricyclic Indoles via a Nâ€“S Bond Cleavage Strategy. Organic Letters, 2021, 23, 7518-7523.	2.4	13

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19	Regioselective synthesis of spirocyclic pyrrolines via a palladium-catalyzed Narasakaâ€“Heck/Câ€“H activation/[4 + 2] annulation cascade reaction. Chemical Science, 2022, 13, 6348-6354.	3.7	13
20	Trefoilâ€Shaped Porous Nanographenes Bearing a Tribenzotriquinacene Core by Threeâ€fold Scholl Macrocyclization. Angewandte Chemie, 2018, 130, 13823-13827.	1.6	11
21	Schollâ€Type Cycloheptatriene Ring Closure of 1,4,9,12â€Tetraarylfenestrindanes: Reactivity and Selectivity in the Construction of Fenestraneâ€Based Polyaromatic Saddles. Chemistry - A European Journal, 2020, 26, 4310-4319.	1.7	11
22	Reductive Coupling of Aryl Halides via Câ€”H Activation of Indene. Chinese Journal of Chemistry, 2021, 39, 1573-1579.	2.6	10
23	Regioconvergent Synthesis of a Ï€-Extended Tribenzotriquinacene-Based Wizard Hat-Shaped Nanographene. Journal of Organic Chemistry, 2021, 86, 5546-5551.	1.7	9
24	Directed Copper-Catalyzed Tandem Radical Cyclization Reaction of Alkyl Bromides and Unactivated Olefins. Organic Letters, 2022, 24, 2738-2743.	2.4	9
25	Critical Role of Removing Impurities in Nickel Oxide on Highâ€Efficiency and Longâ€Term Stability of Inverted Perovskite Solar Cells. Angewandte Chemie, 2022, 134, .	1.6	9
26	Solvated proton and the origin of the high onset overpotential in the oxygen reduction reaction on Pt(111). Physical Chemistry Chemical Physics, 2020, 22, 22226-22235.	1.3	8
27	Palladium-Catalyzed Câ€“H Amination/[2 + 3] or [2 + 4] Cyclization via C(sp³ or) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.4	8
28	Multifunctional Moleculeâ€Modified SnO₂â€“Perovskite Interface for Efficient Planar Perovskite Solar Cells. Advanced Materials Interfaces, 2022, 9, .	1.9	8
29	Triptycene incorporated carbon nitride based donor-acceptor conjugated polymers with superior visible-light photocatalytic activities. Journal of Colloid and Interface Science, 2022, 622, 675-689.	5.0	8
30	Cross-Sphere Electrode Reaction: The Case of Hydroxyl Desorption during the Oxygen Reduction Reaction on Pt(111) in Alkaline Media. Journal of Physical Chemistry Letters, 2021, 12, 6448-6456.	2.1	7
31	A helically twisted ribbon-shaped nanographene constructed around a fenestrindane core. Organic Chemistry Frontiers, 2021, 8, 5837-5846.	2.3	7
32	Lewis-Acid-Catalyzed Tandem Cyclization by Ring Expansion of Tertiary Cycloalkanols with Propargyl Alcohols. Organic Letters, 2021, 23, 9457-9462.	2.4	7
33	Modeling the effect of an anion on the free energy surfaces along the reaction pathways of oxygen reduction on Pt(1â€“1â€“1). Chemical Physics Letters, 2019, 736, 136813.	1.2	6
34	Palladium-Catalyzed Chemoselective Oxidative Addition of Allyloxy-Tethered Aryl Iodides: Synthesis of Medium-Sized Rings and Mechanistic Studies. Organic Letters, 2021, 23, 4311-4316.	2.4	6
35	Rutheniumâ€Catalyzed Stereoâ€and Siteâ€Selective orthoâ€ and meta â€Câ€”H Glycosylation and Mechanistic Studies. Angewandte Chemie, 0, , .	1.6	5
36	Polydopamine-Modified Nanolime with High Kinetic Stability in Water for the Consolidation of Stone Relics. ACS Applied Materials & Interfaces, 2022, 14, 13622-13630.	4.0	3

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37	Visible light-promoted intermolecular cyclization/aromatization of chalcones and 2-mercaptobenzimidazoles via an EDA complex and a mechanism study. Organic and Biomolecular Chemistry, 0, , .	1.5	3
38	Palladium-Catalyzed One-Step Synthesis of Stereodefined Difunctionalized Glycals. CCS Chemistry, 2023, 5, 741-749.	4.6	1