# Haishen Yang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2603981/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 35 papers | 2,420 citations | 331670 21 h-index | 377865 34 g-index |
| 37 all docs | 37 docs citations | 37 times ranked | 3137 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Organocatalyzed atom transfer radical polymerization driven by visible light. Science, 2016, 352, 1082-1086. | 12.6 | 649 |
| 2 | Ionic Covalent Organic Frameworks with Spiroborate Linkage. Angewandte Chemie - International Edition, 2016, 55, 1737-1741. | 13.8 | 503 |
| 3 | Strongly Reducing, Visibleâ€Light Organic Photoredox Catalysts as Sustainable Alternatives to Precious Metals. Chemistry - A European Journal, 2017, 23, 10962-10968. | 3.3 | 196 |
| 4 | Mesoporous 2D covalent organic frameworks based on shape-persistent arylene-ethynylene macrocycles. Chemical Science, 2015, 6, 4049-4053. | 7.4 | 118 |
| 5 | Synthesis of a conjugated porous Co(<scp>ii</scp>) porphyrinyleneâ€“ethynylene framework through alkyne metathesis and its catalytic activity study. Journal of Materials Chemistry A, 2015, 3, 4954-4959. | 10.3 | 89 |
| 6 | Ionic Covalent Organic Frameworks with Spiroborate Linkage. Angewandte Chemie, 2016, 128, 1769-1773. | 2.0 | 88 |
| 7 | Application of alkyne metathesis in polymer synthesis. Journal of Materials Chemistry A, 2014, 2, 5986. | 10.3 | 70 |
| 8 | Multidentate Triphenolsilaneâ€Based Alkyne Metathesis Catalysts. Advanced Synthesis and Catalysis, 2013, 355, 885-890. | 4.3 | 69 |
| 9 | A New Polyanion Na<sub>3</sub>Fe<sub>2</sub>(PO<sub>4</sub>)P<sub>2</sub>O<sub>7</sub> Cathode with High Electrochemical Performance for Sodium-Ion Batteries. ACS Energy Letters, 2020, 5, 3788-3796. | 17.4 | 62 |
| 10 | Solvent effects on the intramolecular charge transfer character of N,Nâ€diaryl dihydrophenazine catalysts for organocatalyzed atom transfer radical polymerization. Journal of Polymer Science Part A, 2017, 55, 3017-3027. | 2.3 | 56 |
| 11 | Highly Active Multidentate Ligandâ€Based Alkyne Metathesis Catalysts. Chemistry - A European Journal, 2016, 22, 7959-7963. | 3.3 | 47 |
| 12 | Highly Stable Na<sub>3</sub>Fe<sub>2</sub>(PO<sub>4</sub>)<sub>3</sub>@Hard Carbon Sodium-Ion Full Cell for Low-Cost Energy Storage. ACS Sustainable Chemistry and Engineering, 2020, 8, 1380-1387. | 6.7 | 44 |
| 13 | Concise Total Synthesis of (â^')-8-Epigrosheimin. Organic Letters, 2011, 13, 3670-3673. | 4.6 | 43 |
| 14 | A titanium-based porous coordination polymer as a catalyst for chemical fixation of CO<sub>2</sub>. Journal of Materials Chemistry A, 2017, 5, 9163-9168. | 10.3 | 43 |
| 15 | Porous Poly(aryleneethynylene) Networks through Alkyne Metathesis. Chemistry of Materials, 2013, 25, 3718-3723. | 6.7 | 42 |
| 16 | Solution processable polydiacetylenes (PDAs) through acyclic enediyne metathesis polymerization. Chemical Science, 2013, 4, 3649. | 7.4 | 31 |
| 17 | Diastereoselective total synthesis of 8-epigrosheimin. Tetrahedron Letters, 2009, 50, 1110-1112. | 1.4 | 30 |
| 18 | Development of Trityl-Based Photolabile Hydroxyl Protecting Groups. Journal of Organic Chemistry, 2011, 76, 5873-5881. | 3.2 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Development of a Photolabile Carbonyl-Protecting Group Toolbox. Journal of Organic Chemistry, 2011, 76, 2040-2048. | 3.2 | 29 |
| 20 | Photochemical Synthesis of Oligomeric Amphiphiles from Alkyl Oxoacids in Aqueous Environments. Journal of the American Chemical Society, 2017, 139, 6946-6959. | 13.7 | 26 |
| 21 | Hypercrosslinked phenothiazine-based polymers as high redox potential organic cathode materials for lithium-ion batteries. RSC Advances, 2020, 10, 16732-16736. | 3.6 | 22 |
| 22 | Layer-structured NbSe2 anode material for sodium-ion and potassium-ion batteries. Ionics, 2019, 25, 4171-4177. | 2.4 | 20 |
| 23 | Readily useable bulk phenoxazine-based covalent organic framework cathode materials with superior kinetics and high redox potentials. Journal of Materials Chemistry A, 2021, 9, 10661-10665. | 10.3 | 20 |
| 24 | Aromatic-rich hydrocarbon porous networks through alkyne metathesis. Materials Chemistry Frontiers, 2017, 1, 1369-1372. | 5.9 | 16 |
| 25 | MCNT-Reinforced Na3Fe2(PO4)3 as Cathode Material for Sodium-Ion Batteries. Arabian Journal for Science and Engineering, 2020, 45, 143-151. | 3.0 | 14 |
| 26 | Development of hydrophilic photolabile hydroxyl protecting groups. Photochemical and Photobiological Sciences, 2012, 11, 514-517. | 2.9 | 13 |
| 27 | Oxidation with a Photolabile Carbonyl Protecting Group. Journal of Organic Chemistry, 2011, 76, 8955-8961. | 3.2 | 12 |
| 28 | Mechanistic Study of Glycosylation Using a Prop-1-enyl Donor. Journal of Organic Chemistry, 2013, 78, 1858-1863. | 3.2 | 12 |
| 29 | A reversible ion transportation switch of ONâ€“OFFâ€“ON type by a ligand-gated calix[6]arene channel. Chemical Communications, 2019, 55, 3008-3011. | 4.1 | 11 |
| 30 | An easily obtained hypercrosslinked pyrene-based porous organic polymer as a high performance electrode material for lithium-ion batteries. New Journal of Chemistry, 2021, 45, 7060-7064. | 2.8 | 7 |
| 31 | Dihydrophenazineâ€Derived Redox Polymer from Industrial Byâ€Product as Lithiumâ€ion Battery Cathode Material. ChemistrySelect, 2022, 7, . | 1.5 | 3 |
| 32 | Ultrastable dihydrophenazine-based polymer from industrial waste as a sustainable lithium-ion battery cathode material. New Journal of Chemistry, 2022, 46, 14314-14317. | 2.8 | 3 |
| 33 | Frontispiece: Strongly Reducing, Visibleâ€Light Organic Photoredox Catalysts as Sustainable Alternatives to Precious Metals. Chemistry - A European Journal, 2017, 23, . | 3.3 | 1 |
| 34 | Phenazine-based spiroborate complex with enhanced electrochemical stability for lithium storage. New Journal of Chemistry, 2021, 45, 21534-21537. | 2.8 | 1 |
| 35 | A reversible single-molecule ligand-gating ion transportation switch of ONâ€“OFFâ€“ON type through a photoresponsive pillar[6]arene channel complex. RSC Advances, 2021, 11, 7450-7453. | 3.6 | 0 |