

# Xingwei Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5010342/publications.pdf>

Version: 2024-02-01

25  
papers

1,861  
citations

394421

19  
h-index

580821

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2015  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Iron-Catalyzed Tandem Oxidative Coupling and Annulation: An Efficient Approach to Construct Polysubstituted Benzofurans. <i>Journal of the American Chemical Society</i> , 2009, 131, 17387-17393.                              | 13.7 | 245       |
| 2  | Iron-Catalyzed <i>N</i> -Alkylation of Azoles via Oxidation of C <sup>α</sup> H Bond Adjacent to an Oxygen Atom. <i>Organic Letters</i> , 2010, 12, 1932-1935.  | 4.6  | 216       |
| 3  | Iron-Catalyzed Selective Oxidation of <i>N</i> -Methyl Amines: Highly Efficient Synthesis of Methylene-Bridged bis-1,3-Dicarbonyl Compounds. <i>Organic Letters</i> , 2009, 11, 4176-4179.                                      | 4.6  | 141       |
| 4  | A Tris(diisocyanide)chromium(0) Complex Is a Luminescent Analog of Fe(2,2'-Bipyridine) <sub>3</sub> <sup>2+</sup> . <i>Journal of the American Chemical Society</i> , 2017, 139, 985-992.                                       | 13.7 | 141       |
| 5  | One-Pot Synthesis of Symmetric and Unsymmetric 1,1-Bis-indolylmethanes via Tandem Iron-Catalyzed C <sup>α</sup> H Bond Oxidation and C <sup>α</sup> O Bond Cleavage. <i>Journal of Organic Chemistry</i> , 2009, 74, 8848-8851. | 3.2  | 128       |
| 6  | Unexpected Hydrated Electron Source for Preparative Visible-Light Driven Photoredox Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 2122-2127.  | 13.7 | 120       |
| 7  | Enantioselective synthesis of amines by combining photoredox and enzymatic catalysis in a cyclic reaction network. <i>Chemical Science</i> , 2018, 9, 5052-5056.  | 7.4  | 113       |
| 8  | A Molybdenum(0) Isocyanide Analogue of Ru(2,2'-Bipyridine) <sub>3</sub> <sup>2+</sup> : A Strong Reductant for Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11247-11250.                  | 13.8 | 111       |
| 9  | C <sup>α</sup> H Bond Oxidation Initiated Pummerer- and Knoevenagel-Type Reactions of Benzyl Sulfide and 1,3-Dicarbonyl Compounds. <i>Organic Letters</i> , 2008, 10, 803-805.  | 4.6  | 102       |
| 10 | Reductive Amination by Photoredox Catalysis and Polarity-Matched Hydrogen Atom Transfer. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2469-2473.  | 13.8 | 86        |
| 11 | Iron-Catalyzed Oxidation of Tertiary Amines: Synthesis of $\beta$ -1,3-Dicarbonyl Aldehydes by Three-Component C <sup>α</sup> C Couplings. <i>Organic Letters</i> , 2011, 13, 6272-6275.  | 4.6  | 82        |
| 12 | Quantification of the Ambident Electrophilicities of Halogen-Substituted Quinones. <i>Journal of the American Chemical Society</i> , 2014, 136, 11499-11512.  | 13.7 | 63        |
| 13 | Mechanisms of Hydride Abstractions by Quinones. <i>Journal of the American Chemical Society</i> , 2014, 136, 13863-13873.   | 13.7 | 63        |
| 14 | Manifestation of Polar Reaction Pathways of 2,3-Dichloro-5,6-dicyano- <i>p</i> -benzoquinone. <i>Journal of the American Chemical Society</i> , 2013, 135, 12377-12387.   | 13.7 | 53        |
| 15 | Electron Accumulation on Naphthalene Diimide Photosensitized by [Ru(2,2'-Bipyridine) <sub>3</sub> ] <sup>2+</sup> . <i>Inorganic Chemistry</i> , 2017, 56, 2432-2439.   | 4.0  | 34        |
| 16 | Iron-Catalyzed <i>ortho</i> -Selective Functionalization of Phenols: A Straightforward Strategy towards the 2-Hydroxyphenyl-1,2-dione Skeleton. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5787-5790.           | 2.4  | 28        |
| 17 | Reduktive Aminierung durch Photoredoxkatalyse $\frac{1}{4}$ ber polarit $\ddot{a}$ sangepassten Wasserstoffatomtransfer. <i>Angewandte Chemie</i> , 2018, 130, 2494-2498.   | 2.0  | 27        |
| 18 | Water-Soluble Tris(cyclometalated) Iridium(III) Complexes for Aqueous Electron and Energy Transfer Photochemistry. <i>Accounts of Chemical Research</i> , 2022, 55, 1290-1300.  | 15.6 | 26        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Reductive Amination and Enantioselective Amine Synthesis by Photoredox Catalysis. European Journal of Organic Chemistry, 2020, 2020, 1288-1293.                 | 2.4  | 22        |
| 20 | Charge Accumulation and Multi-Electron Photoredox Chemistry with a Sensitizer-Catalyst-Sensitizer Triad. Chemistry - A European Journal, 2018, 24, 14084-14087. | 3.3  | 20        |
| 21 | Photo-triggered hydrogen atom transfer from an iridium hydride complex to unactivated olefins. Chemical Science, 2020, 11, 8582-8594.                           | 7.4  | 16        |
| 22 | Mixed-Valent Molecular Triple Deckers. Angewandte Chemie - International Edition, 2018, 57, 11688-11691.  | 13.8 | 9         |
| 23 | Shortcuts for Electron Transfer through the Secondary Structure of Helical Oligo-1,2-Naphthylenes. Chemistry - A European Journal, 2019, 25, 16748-16754.       | 3.3  | 7         |
| 24 | Mixed-Valent Molecular Triple Deckers. Angewandte Chemie, 2018, 130, 11862-11865.   | 2.0  | 4         |
| 25 | Electron Transfer across <i>o</i> -Phenylene Wires. Journal of Physical Chemistry A, 2019, 123, 96-102.   | 2.5  | 4         |