

# Ethan A Hill

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9323366/publications.pdf>

Version: 2024-02-01

17  
papers

461  
citations

932766

10  
h-index

996533

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

729  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Lessons from Nature: A Bio-Inspired Approach to Molecular Design. <i>Biochemistry</i> , 2015, 54, 4167-4180.  | 1.2  | 86        |
| 2  | Isolation of a Terminal Co(III)-Oxo Complex. <i>Journal of the American Chemical Society</i> , 2018, 140, 13176-13180.  | 6.6  | 75        |
| 3  | Direct Optical Patterning of Quantum Dot Light-Emitting Diodes via In Situ Ligand Exchange. <i>Advanced Materials</i> , 2020, 32, e2003805.   | 11.1 | 62        |
| 4  | Reactivity of an Fe <sup>IV</sup> -Oxo Complex with Protons and Oxidants. <i>Journal of the American Chemical Society</i> , 2016, 138, 13143-13146.   | 6.6  | 45        |
| 5  | Soft x-ray absorption spectroscopy of metalloproteins and high-valent metal-complexes at room temperature using free-electron lasers. <i>Structural Dynamics</i> , 2017, 4, 054307.   | 0.9  | 34        |
| 6  | Regulating the Basicity of Metal-Oxido Complexes with a Single Hydrogen Bond and Its Effect on C-H Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2019, 141, 11142-11150.   | 6.6  | 34        |
| 7  | Reversible Switching of Organic Diradical Character via Iron-Based Spin-Crossover. <i>Journal of the American Chemical Society</i> , 2020, 142, 17670-17680.  | 6.6  | 30        |
| 8  | Isolable iodosylarene and iodoxyarene adducts of Co and their O-atom transfer and C-H activation reactivity. <i>Chemical Science</i> , 2018, 9, 4493-4499.  | 3.7  | 26        |
| 9  | Ligand-Based Storage of Protons and Electrons in Dihydrzonopyrrole Complexes of Nickel. <i>Chemistry - A European Journal</i> , 2018, 24, 8001-8008.  | 1.7  | 22        |
| 10 | Generation and Reactivity of a Ni <sup>III</sup> <sub>2</sub> ( $\mu_4$ -1,2-peroxo) Complex. <i>Journal of the American Chemical Society</i> , 2020, 142, 21634-21639.   | 6.6  | 19        |
| 11 | Probing Hydrogen Bonding Interactions to Iron-Oxido/Hydroxido Units by <sup>57</sup> Fe Nuclear Resonance Vibrational Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16010-16014.                           | 7.2  | 11        |
| 12 | Nickel(II)-methyl complexes adopting unusual seesaw geometries. <i>Chemical Communications</i> , 2020, 56, 7861-7864.   | 2.2  | 6         |
| 13 | Investigation of iron-ammine and amido complexes within a <i>C</i> <sub>3</sub> -symmetrical phosphinic amido tripodal ligand. <i>Dalton Transactions</i> , 2021, 50, 11197-11205.  | 1.6  | 6         |
| 14 | Stepwise assembly of heterobimetallic complexes: synthesis, structure, and physical properties. <i>Dalton Transactions</i> , 2021, 50, 8111-8119.   | 1.6  | 3         |
| 15 | Optical Patterning: Direct Optical Patterning of Quantum Dot Light-Emitting Diodes via In Situ Ligand Exchange ( <i>Adv. Mater.</i> 46/2020). <i>Advanced Materials</i> , 2020, 32, 2070346.  | 11.1 | 2         |
| 16 | Probing Hydrogen Bonding Interactions to Iron-Oxido/Hydroxido Units by <sup>57</sup> Fe Nuclear Resonance Vibrational Spectroscopy. <i>Angewandte Chemie</i> , 2018, 130, 16242-16246.  | 1.6  | 0         |
| 17 | R&#246;titelbild: Probing Hydrogen Bonding Interactions to Iron-Oxido/Hydroxido Units by <sup>57</sup> Fe Nuclear Resonance Vibrational Spectroscopy ( <i>Angew. Chem.</i> 49/2018). <i>Angewandte Chemie</i> , 2018, 130, 16470-16470. | 1.6  | 0         |