

# Catherine Chow

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11472920/publications.pdf>

Version: 2024-02-01

8  
papers

125  
citations

1307594

7  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

212  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Successive Heterolytic Cleavages of H <sub>2</sub> Achieve N <sub>2</sub> Splitting on Silica-Supported Tantalum Hydrides: A DFT Proposed Mechanism. <i>Inorganic Chemistry</i> , 2012, 51, 7237-7249.               | 4.0 | 35        |
| 2 | Intermolecular C-H Activations of Hydrocarbons Initiated by Cp*M(NO)(CH <sub>2</sub> CMe <sub>3</sub> )( $\eta$ -CH <sub>2</sub> CHPh) Complexes (M = Tj 10 q 0 0 2 BT /Overl  | 2.3 | 10        |
| 3 | Differing Reactions of Functionalized Hydrocarbons with Cp*M(NO)(alkyl)( $\eta$ -allyl) Complexes of Molybdenum and Tungsten. <i>Organometallics</i> , 2011, 30, 738-751.  | 2.3 | 21        |
| 4 | Ammonia and Dinitrogen Activation by Surface Organometallic Chemistry on Silica-Grafted Tantalum Hydrides. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1349-1359.                                   | 2.0 | 20        |
| 5 | Intermolecular C-H Activations of Hydrocarbons Initiated by a Tungsten Trimethylsilylallyl Complex. <i>Organometallics</i> , 2012, 31, 7453-7466.  | 2.3 | 10        |
| 6 | Thermal Chemistry of a Tungsten Trimethylsilylallyl Complex in Benzene and Fluorobenzenes. <i>Organometallics</i> , 2012, 31, 8159-8171.   | 2.3 | 8         |
| 7 | Hydrazine N-N Bond Cleavage over Silica-Supported Tantalum-Hydrides. <i>Inorganic Chemistry</i> , 2015, 54, 11648-11659.   | 4.0 | 8         |
| 8 | C-H Bond Activation of Benzene, Toluene, 3-Dimethylbutene and Methane by Silica-Supported Ta <sup>V</sup> Imido Amido Surface Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 56-60. | 1.2 | 1         |