

# Teerawit Prasomsri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2268527/publications.pdf>

Version: 2024-02-01

15  
papers

1,572  
citations

840776

11  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2124  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Insights into the catalytic activity and surface modification of MoO <sub>3</sub> during the hydrodeoxygenation of lignin-derived model compounds into aromatic hydrocarbons under low hydrogen pressures. <i>Energy and Environmental Science</i> , 2014, 7, 2660-2669. | 30.8 | 356       |
| 2  | Conversion of furfural and 2-methylpentanal on Pd/SiO <sub>2</sub> and Pd-Cu/SiO <sub>2</sub> catalysts. <i>Journal of Catalysis</i> , 2011, 280, 17-27.   | 6.2  | 323       |
| 3  | Effective hydrodeoxygenation of biomass-derived oxygenates into unsaturated hydrocarbons by MoO <sub>3</sub> using low H <sub>2</sub> pressures. <i>Energy and Environmental Science</i> , 2013, 6, 1732.  | 30.8 | 289       |
| 4  | Reactivity and stability investigation of supported molybdenum oxide catalysts for the hydrodeoxygenation (HDO) of m-cresol. <i>Journal of Catalysis</i> , 2015, 331, 86-97.   | 6.2  | 205       |
| 5  | Solid Lewis Acids Catalyze the Carbon-Carbon Coupling between Carbohydrates and Formaldehyde. <i>ACS Catalysis</i> , 2015, 5, 972-977.   | 11.2 | 116       |
| 6  | Mesostructured zeolites: bridging the gap between zeolites and MCM-41. <i>Chemical Communications</i> , 2015, 51, 8900-8911.   | 4.1  | 94        |
| 7  | Cascade Reactions for the Continuous and Selective Production of Isobutene from Bioderived Acetic Acid Over Zinc-Zirconia Catalysts. <i>ACS Catalysis</i> , 2014, 4, 4196-4200.  | 11.2 | 53        |
| 8  | Nanostructured Carbon-Metal Oxide Hybrids as Amphiphilic Emulsion Catalysts. <i>ChemSusChem</i> , 2011, 4, 964-974.  | 6.8  | 49        |
| 9  | Anchoring Pd nanoclusters onto pristine and functionalized single-wall carbon nanotubes: A combined DFT and experimental study. <i>Chemical Physics Letters</i> , 2010, 497, 103-107.  | 2.6  | 34        |
| 10 | How Alkyl Chain Length of Alcohols Affects Lignin Fractionation and Ionic Liquid Recycle During Lignocellulose Pretreatment. <i>Bioenergy Research</i> , 2015, 8, 973-981.   | 3.9  | 17        |
| 11 | Catalytic conversion of anisole over HY and HZSM-5 zeolites in the presence of different hydrocarbon mixtures. <i>Applied Catalysis B: Environmental</i> , 2011, , .   | 20.2 | 12        |
| 12 | Conversion of 1-tetralone over HY zeolite: An indicator of the extent of hydrogen transfer. <i>Applied Catalysis A: General</i> , 2010, 389, 140-146.  | 4.3  | 11        |
| 13 | Furfurals As Chemical Platform For Biofuels Production. , 2015, , 103-144.   |      | 6         |
| 14 | Al-MFI Nanosheets as Highly Active and Stable Catalysts for the Conversion of Propanal to Hydrocarbons. <i>Topics in Catalysis</i> , 2015, 58, 529-536.  | 2.8  | 5         |
| 15 | Conversion of 1- and 2-Tetralone Over HY Zeolite. <i>Catalysis Letters</i> , 2010, 135, 226-232.   | 2.6  | 2         |