

# Haimeng Wen

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

428  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

512  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Self-assembled iron-containing mordenite monolith for carbon dioxide sieving. <i>Science</i> , 2021, 373, 315-320.   | 12.6 | 179       |
| 2  | Immediate hydroxylation of arenes to phenols via V-containing all-silica ZSM-22 zeolite triggered non-radical mechanism. <i>Nature Communications</i> , 2018, 9, 2931.                       | 12.8 | 66        |
| 3  | Pure-silica ZSM-22 zeolite rapidly synthesized by novel ionic liquid-directed dry-gel conversion. <i>RSC Advances</i> , 2014, 4, 49647-49654.  | 3.6  | 36        |
| 4  | One-pot hydrothermal synthesis of ultrafine Pd clusters within Beta zeolite for selective oxidation of alcohols. <i>Green Chemistry</i> , 2020, 22, 4199-4209.                               | 9.0  | 34        |
| 5  | In Situ Encapsulation of Pt Nanoparticles within Pure Silica TON Zeolites for Space-Confined Selective Hydrogenation. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 11522-11532. | 8.0  | 29        |
| 6  | Morphology-controlled synthesis of large mordenite crystals. <i>New Journal of Chemistry</i> , 2014, 38, 3295-3301.  | 2.8  | 25        |
| 7  | One-Pot Synthesis of Zeolitic Strong Solid Bases: A Family of Alkaline-Earth Metal-Containing Silicalite-1. <i>Chemistry - A European Journal</i> , 2015, 21, 15412-15420.                   | 3.3  | 23        |
| 8  | (Ionic liquid)-derived morphology control of Nb <sub>2</sub> O <sub>5</sub> materials and their photocatalytic properties. <i>CrystEngComm</i> , 2014, 16, 9096-9103.                        | 2.6  | 13        |
| 9  | Mg <sup>2+</sup> -derived mesoporous ultra-high silica twelve-membered-ring basic zeolites: straightforward synthesis and catalytic performance. <i>CrystEngComm</i> , 2016, 18, 1164-1173.  | 2.6  | 12        |
| 10 | Straightforward synthesis of MTW-type magnesium silicalite for CO <sub>2</sub> fixation with epoxides under mild conditions. <i>Catalysis Science and Technology</i> , 2019, 9, 5725-5735.   | 4.1  | 11        |