

# Ning Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

4,981  
citations

136740

32  
h-index

288905

40  
g-index

44  
all docs

44  
docs citations

44  
times ranked

5012  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Fully-exposed Pt clusters stabilized on Sn-decorated nanodiamond/graphene hybrid support for efficient ethylbenzene direct dehydrogenation. Nano Research, 2022, 15, 10029-10036.  | 5.8  | 7         |
| 2  | Impregnating Subnanometer Metallic Nanocatalysts into Self-Pillared Zeolite Nanosheets. Journal of the American Chemical Society, 2021, 143, 6905-6914.  | 6.6  | 124       |
| 3  | Regulating coordination number in atomically dispersed Pt species on defect-rich graphene for n-butane dehydrogenation reaction. Nature Communications, 2021, 12, 2664.  | 5.8  | 111       |
| 4  | Advances in Catalytic Applications of Zeolite-Supported Metal Catalysts. Advanced Materials, 2021, 33, e2104442.   | 11.1 | 113       |
| 5  | Frontispiz: Subnanometer Bimetallic Platinum-Zinc Clusters in Zeolites for Propane Dehydrogenation. Angewandte Chemie, 2020, 132, .  | 1.6  | 0         |
| 6  | Zeolite-Encaged Pd-Mn Nanocatalysts for CO <sub>2</sub> Hydrogenation and Formic Acid Dehydrogenation. Angewandte Chemie, 2020, 132, 20358-20366.  | 1.6  | 22        |
| 7  | Zeolite-Encaged Pd-Mn Nanocatalysts for CO <sub>2</sub> Hydrogenation and Formic Acid Dehydrogenation. Angewandte Chemie - International Edition, 2020, 59, 20183-20191.   | 7.2  | 175       |
| 8  | Frontispiece: Subnanometer Bimetallic Platinum-Zinc Clusters in Zeolites for Propane Dehydrogenation. Angewandte Chemie - International Edition, 2020, 59, .   | 7.2  | 5         |
| 9  | Circularly Polarized Room-Temperature Phosphorescence and Encapsulation Engineering for MOF-Based Fluorescent/Phosphorescent White Light-Emitting Devices. Advanced Optical Materials, 2020, 8, 2000330.                       | 3.6  | 90        |
| 10 | Subnanometer Bimetallic Platinum-Zinc Clusters in Zeolites for Propane Dehydrogenation. Angewandte Chemie - International Edition, 2020, 59, 19450-19459.  | 7.2  | 221       |
| 11 | Nanopore-Supported Metal Nanocatalysts for Efficient Hydrogen Generation from Liquid-Phase Chemical Hydrogen Storage Materials. Advanced Materials, 2020, 32, e2001818.  | 11.1 | 226       |
| 12 | Subnanometer Bimetallic Platinum-Zinc Clusters in Zeolites for Propane Dehydrogenation. Angewandte Chemie, 2020, 132, 19618-19627.   | 1.6  | 47        |
| 13 | Zeolite-Encaged Single-Atom Rhodium Catalysts: Highly Efficient Hydrogen Generation and Shape-Selective Tandem Hydrogenation of Nitroarenes. Angewandte Chemie, 2019, 131, 18743-18749.  | 1.6  | 26        |
| 14 | Zeolite-Encaged Single-Atom Rhodium Catalysts: Highly Efficient Hydrogen Generation and Shape-Selective Tandem Hydrogenation of Nitroarenes. Angewandte Chemie - International Edition, 2019, 58, 18570-18576.                 | 7.2  | 281       |
| 15 | Template-Modulated Afterglow of Carbon Dots in Zeolites: Room-Temperature Phosphorescence and Thermally Activated Delayed Fluorescence. , 2019, 1, 58-63.  |      | 92        |
| 16 | Synergetic Effect of Ultrasmall Metal Clusters and Zeolites Promoting Hydrogen Generation. Advanced Science, 2019, 6, 1802350.   | 5.6  | 70        |
| 17 | Innentitelbild: Zeolite-Encaged Single-Atom Rhodium Catalysts: Highly Efficient Hydrogen Generation and Shape-Selective Tandem Hydrogenation of Nitroarenes (Angew. Chem. 51/2019). Angewandte Chemie, 2019, 131, 18466-18466. | 1.6  | 0         |
| 18 | Ultrasmall Metal Nanoparticles Confined within Crystalline Nanoporous Materials: A Fascinating Class of Nanocatalysts. Advanced Materials, 2019, 31, e1803966.   | 11.1 | 260       |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Intermediate-crystallization promoted catalytic activity of titanosilicate zeolites. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8757-8762.   | 5.2  | 77        |
| 20 | Cost-effective synthesis of hierarchical SAPO-34 zeolites with abundant intracrystalline mesopores and excellent MTO performance. <i>Chemical Communications</i> , 2018, 54, 3697-3700.  | 2.2  | 54        |
| 21 | A new two-dimensional layered germanate with <i>in situ</i> embedded carbon dots for optical temperature sensing. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 139-144.   | 3.0  | 25        |
| 22 | A Hollow Porous CdS Photocatalyst. <i>Advanced Materials</i> , 2018, 30, e1804368.   | 11.1 | 204       |
| 23 | Mesopore-free Synthesis of Hierarchical SAPO-34 with Low Template Consumption and Excellent Methanol-to-Olefin Conversion. <i>ChemSusChem</i> , 2018, 11, 3812-3820.   | 3.6  | 40        |
| 24 | Synthesis of hierarchical TS-1 zeolites with abundant and uniform intracrystalline mesopores and their highly efficient catalytic performance for oxidation desulfurization. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7992-7998. | 5.2  | 100       |
| 25 | Carbon dots in zeolites: A new class of thermally activated delayed fluorescence materials with ultralong lifetimes. <i>Science Advances</i> , 2017, 3, e1603171.  | 4.7  | 286       |
| 26 | Subnanometric Hybrid Pd-M(OH) <sub>2</sub> , M = Ni, Co, Clusters in Zeolites as Highly Efficient Nanocatalysts for Hydrogen Generation. <i>CHEM</i> , 2017, 3, 477-493.   | 5.8  | 212       |
| 27 | Infused-liquid-switchable porous nanofibrous membranes for multiphase liquid separation. <i>Nature Communications</i> , 2017, 8, 575.  | 5.8  | 143       |
| 28 | Simple Quaternary Ammonium Cations-Templated Syntheses of Extra-Large Pore Germanosilicate Zeolites. <i>Chemistry of Materials</i> , 2016, 28, 6455-6458.  | 3.2  | 46        |
| 29 | A top-down approach to hierarchical SAPO-34 zeolites with improved selectivity of olefin. <i>Microporous and Mesoporous Materials</i> , 2016, 234, 401-408.  | 2.2  | 86        |
| 30 | Seeding induced nano-sized hierarchical SAPO-34 zeolites: cost-effective synthesis and superior MTO performance. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14978-14982.   | 5.2  | 107       |
| 31 | In Situ Confinement of Ultrasmall Pd Clusters within Nanosized Silicalite-1 Zeolite for Highly Efficient Catalysis of Hydrogen Generation. <i>Journal of the American Chemical Society</i> , 2016, 138, 7484-7487.                         | 6.6  | 507       |
| 32 | A green surfactant-assisted synthesis of hierarchical TS-1 zeolites with excellent catalytic properties for oxidative desulfurization. <i>Chemical Communications</i> , 2016, 52, 3368-3371.   | 2.2  | 109       |
| 33 | A non-chemically selective top-down approach towards the preparation of hierarchical TS-1 zeolites with improved oxidative desulfurization catalytic performance. <i>Chemical Communications</i> , 2016, 52, 3580-3583.                    | 2.2  | 108       |
| 34 | Carbogenic nanodots derived from organo-templated zeolites with modulated full-color luminescence. <i>Chemical Science</i> , 2016, 7, 3564-3568.   | 3.7  | 99        |
| 35 | The recyclable synthesis of hierarchical zeolite SAPO-34 with excellent MTO catalytic performance. <i>Chemical Communications</i> , 2015, 51, 11987-11989.   | 2.2  | 57        |
| 36 | Synthesis of tri-level hierarchical SAPO-34 zeolite with intracrystalline micro-meso-macroporosity showing superior MTO performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19783-19789.                                       | 5.2  | 121       |

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|----|--|-----|-----------|
| 37 | Ultrafast synthesis of nano-sized zeolite SAPO-34 with excellent MTO catalytic performance. <i>Chemical Communications</i> , 2015, 51, 16397-16400.  | 2.2 | 78        |
| 38 | Influence of temperature and space velocity on the MTO reaction over nano sheet-like SAPO-34 catalyst and the theoretical calculation. <i>Scientia Sinica Chimica</i> , 2015, 45, 383-390.                                     | 0.2 | 0         |
| 39 | Confinement Effect of Zeolite Cavities on Methanol-to-Olefin Conversion: A Density Functional Theory Study. <i>Journal of Physical Chemistry C</i> , 2014, 118, 24935-24940.   | 1.5 | 32        |
| 40 | Organosilane surfactant-directed synthesis of hierarchical porous SAPO-34 catalysts with excellent MTO performance. <i>Chemical Communications</i> , 2014, 50, 6502.   | 2.2 | 179       |
| 41 | High performance nanosheet-like silicoaluminophosphate molecular sieves: synthesis, 3D EDT structural analysis and MTO catalytic studies. <i>Journal of Materials Chemistry A</i> , 2014, 2, 17828-17839.                      | 5.2 | 96        |
| 42 | Fluorinated Benzothiadiazole-Based Conjugated Polymers for High-Performance Polymer Solar Cells without Any Processing Additives or Post-treatments. <i>Journal of the American Chemical Society</i> , 2013, 135, 17060-17068. | 6.6 | 327       |