

# Le Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,868  
citations

279701

23  
h-index

254106

43  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2548  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Structureâ€‘direction towards the new large pore zeolite NUD-3. Chemical Communications, 2021, 57, 191-194.  | 2.2 | 15        |
| 2  | Characterization of a Molecule Partially Confined at the Pore Mouth of a Zeotype. Angewandte Chemie, 2021, 133, 10327-10334.   | 1.6 | 0         |
| 3  | Characterization of a Molecule Partially Confined at the Pore Mouth of a Zeotype. Angewandte Chemie - International Edition, 2021, 60, 10239-10246.  | 7.2 | 5         |
| 4  | Substitution of Cetyltrimethylammonium for OSDA Cations During B-SSZ-70 Zeotype Synthesis and Its Influence on Delamination. Microporous and Mesoporous Materials, 2021, 319, 111042.              | 2.2 | 3         |
| 5  | P2RY14 Is a Potential Biomarker of Tumor Microenvironment Immunomodulation and Favorable Prognosis in Patients With Head and Neck Cancer. Frontiers in Genetics, 2021, 12, 670746.                 | 1.1 | 9         |
| 6  | Cs-RHO Goes from Worst to Best as Water Enhances Equilibrium CO <sub>2</sub> Adsorption via Phase Change. Langmuir, 2021, 37, 13903-13908.   | 1.6 | 9         |
| 7  | Diverse crystal size effects in covalent organic frameworks. Nature Communications, 2020, 11, 6128.  | 5.8 | 55        |
| 8  | Rational Manipulation of Stacking Arrangements in Threeâ€‘Dimensional Zeolites Built from Twoâ€‘Dimensional Zeolitic Nanosheets. Angewandte Chemie, 2020, 132, 20106-20111.                        | 1.6 | 0         |
| 9  | Rational Manipulation of Stacking Arrangements in Threeâ€‘Dimensional Zeolites Built from Twoâ€‘Dimensional Zeolitic Nanosheets. Angewandte Chemie - International Edition, 2020, 59, 19934-19939. | 7.2 | 4         |
| 10 | Stabile Silanoltriaden im Zeolithkatalysator SSZâ€‘70. Angewandte Chemie, 2020, 132, 11032-11036.  | 1.6 | 8         |
| 11 | A Stable Silanol Triad in the Zeolite Catalyst SSZâ€‘70. Angewandte Chemie - International Edition, 2020, 59, 10939-10943.   | 7.2 | 33        |
| 12 | Bridging the Gap between Structurally Distinct 2D Lamellar Zeolitic Precursors through a 3D Germanosilicate Intermediate. Angewandte Chemie - International Edition, 2019, 58, 14529-14533.        | 7.2 | 5         |
| 13 | Bridging the Gap between Structurally Distinct 2D Lamellar Zeolitic Precursors through a 3D Germanosilicate Intermediate. Angewandte Chemie, 2019, 131, 14671-14675.                               | 1.6 | 2         |
| 14 | Photoinduced synthesis of Bi <sub>2</sub> O <sub>3</sub> nanotubes based on oriented attachment. Journal of Materials Chemistry A, 2019, 7, 1424-1428.   | 5.2 | 9         |
| 15 | Hydroxyl free radical route to the stable siliceous Ti-UTL with extra-large pores for oxidative desulfurization. Chemical Communications, 2019, 55, 1390-1393.                                     | 2.2 | 39        |
| 16 | A New Layered Silicogermanate PKU-23 and Its Transformation to a Zeolite with Three-Dimensional Channels. Crystal Growth and Design, 2019, 19, 2272-2278.  | 1.4 | 2         |
| 17 | Crystallization of a Novel Germanosilicate ECNUâ€‘16 Provides Insights into the Spaceâ€‘Filling Effect on Zeolite Crystal Symmetry. Chemistry - A European Journal, 2018, 24, 9247-9253.           | 1.7 | 11        |
| 18 | Discovery of Layered Indium Hydroxide via a Hydroperoxyl Anion Coordinated Precursor at Room Temperature. Chemistry - A European Journal, 2018, 24, 15491-15494.                                   | 1.7 | 0         |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Achieving High Pseudocapacitance of 2D Titanium Carbide (MXene) by Cation Intercalation and Surface Modification. <i>Advanced Energy Materials</i> , 2017, 7, 1602725.   | 10.2 | 514       |
| 20 | Simple CTAB surfactant-assisted hierarchical lamellar MWW titanosilicate: a high-performance catalyst for selective oxidations involving bulky substrates. <i>Catalysis Science and Technology</i> , 2017, 7, 2874-2885.     | 2.1  | 28        |
| 21 | Facile synthesis of ECNU-20 (IWR) hollow sphere zeolite composed of aggregated nanosheets. <i>Dalton Transactions</i> , 2017, 46, 15641-15645.   | 1.6  | 12        |
| 22 | A crystalline AlPO <sub>4</sub> -5 intermediate: designed synthesis, structure, and phase transformation. <i>Dalton Transactions</i> , 2017, 46, 12209-12216.  | 1.6  | 6         |
| 23 | Recent Advances in the Synthesis and Application of Two-Dimensional Zeolites. <i>Advanced Energy Materials</i> , 2016, 6, 1600441.   | 10.2 | 65        |
| 24 | Self-Assembly of Cetyltrimethylammonium Bromide and Lamellar Zeolite Precursor for the Preparation of Hierarchical MWW Zeolite. <i>Chemistry of Materials</i> , 2016, 28, 4512-4521.   | 3.2  | 88        |
| 25 | Diversity of layered zeolites: from synthesis to structural modifications. <i>New Journal of Chemistry</i> , 2016, 40, 3968-3981.  | 1.4  | 44        |
| 26 | Construction of unique six-coordinated titanium species with an organic amine ligand in titanosilicate and their unprecedented high efficiency for alkene epoxidation. <i>Chemical Communications</i> , 2015, 51, 9010-9013. | 2.2  | 107       |
| 27 | Intergrown Zeolite MWW Polymorphs Prepared by the Rapid Dissolution-Recrystallization Route. <i>Chemistry of Materials</i> , 2015, 27, 7852-7860.  | 3.2  | 36        |
| 28 | Distinctions of hydroxylamine formation and decomposition in cyclohexanone ammoximation over microporous titanosilicates. <i>Journal of Catalysis</i> , 2014, 309, 1-10.   | 3.1  | 51        |
| 29 | Efficient cycloaddition of epoxides and carbon dioxide over novel organic-inorganic hybrid zeolite catalysts. <i>Chemical Communications</i> , 2014, 50, 15764-15767.  | 2.2  | 64        |
| 30 | Hierarchical, core-shell meso-ZSM-5@mesoporous aluminosilicate-supported Pt nanoparticles for bifunctional hydrocracking. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15535-15545.                                    | 5.2  | 39        |
| 31 | Bifunctional Tandem Catalysis on Multilamellar Organic-Inorganic Hybrid Zeolites. <i>ACS Catalysis</i> , 2014, 4, 2959-2968.   | 5.5  | 64        |
| 32 | Mesoporous MCM-22 Zeolites Prepared through Organic Amine-Assisted Reversible Structural Change and Protective Desilication for Catalysis of Bulky Molecules. <i>ACS Catalysis</i> , 2013, 3, 1892-1901.                     | 5.5  | 28        |
| 33 | Clean Synthesis of Amides over Bifunctional Catalysts of Rhodium-Loaded Titanosilicates. <i>ChemCatChem</i> , 2013, 5, 2462-2470.  | 1.8  | 12        |
| 34 | Clean synthesis of acetaldehyde oxime through ammoximation on titanosilicate catalysts. <i>Catalysis Science and Technology</i> , 2013, 3, 2587.   | 2.1  | 29        |
| 35 | Trimodal hierarchical yolk-shell porous materials TS-1@mesocarbon: Synthesis and catalytic application. <i>Chinese Chemical Letters</i> , 2013, 24, 559-562.   | 4.8  | 6         |
| 36 | One-pot synthesis of primary amides on bifunctional Rh(OH) <sub>x</sub> /TS-1@KCC-1 catalysts. <i>Chinese Journal of Catalysis</i> , 2013, 34, 2057-2065.  | 6.9  | 17        |

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|----|--|-----|-----------|
| 37 | One-pot synthesis of benzamide over a robust tandem catalyst based on center radially fibrous silica encapsulated TS-1. <i>Chemical Communications</i> , 2013, 49, 2709.   | 2.2 | 59        |
| 38 | Hydrothermal synthesis of MWW-type stannosilicate and its post-structural transformation to MCM-56 analogue. <i>Microporous and Mesoporous Materials</i> , 2013, 165, 210-218.                                   | 2.2 | 40        |
| 39 | Core-shell-Structured Titanosilicate As A Robust Catalyst for Cyclohexanone Ammoximation. <i>ACS Catalysis</i> , 2013, 3, 103-110.   | 5.5 | 51        |
| 40 | MWW-Type Titanosilicate. <i>Springer Briefs in Molecular Science</i> , 2013, , .   | 0.1 | 8         |
| 41 | Catalytic Properties of Ti-MWW in Selective Oxidation Reactions. <i>Springer Briefs in Molecular Science</i> , 2013, , 63-123.   | 0.1 | 1         |
| 42 | Synthesis of core-shell structured TS-1@mesocarbon materials and their applications as a tandem catalyst. <i>Journal of Materials Chemistry</i> , 2012, 22, 14219.   | 6.7 | 29        |
| 43 | Enhancement of Alkene Epoxidation Activity of Titanosilicates by Gas-Phase Ammonia Modification. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2205-2211.  | 2.6 | 6         |
| 44 | Multilayer structured MFI-type titanosilicate: Synthesis and catalytic properties in selective epoxidation of bulky molecules. <i>Journal of Catalysis</i> , 2012, 288, 16-23.                                   | 3.1 | 98        |
| 45 | Synthesis and formation mechanism of TS-1@mesosilica core-shell materials templated by triblock copolymer surfactant. <i>Microporous and Mesoporous Materials</i> , 2012, 153, 8-17.                             | 2.2 | 20        |
| 46 | Synthesis of bifunctional catalyst Au/TS-1@Mesosilica and applied for direct propylene epoxidation with H <sub>2</sub> and O <sub>2</sub> . <i>Scientia Sinica Chimica</i> , 2012, 42, 548-557.                  | 0.2 | 2         |
| 47 | Core/shell-structured TS-1@mesoporous silica-supported Au nanoparticles for selective epoxidation of propylene with H <sub>2</sub> and O <sub>2</sub> . <i>Journal of Materials Chemistry</i> , 2011, 21, 10852. | 6.7 | 88        |
| 48 | Core/shell-structured Al-MWW@B-MWW zeolites for shape-selective toluene disproportionation to para-xylene. <i>Journal of Catalysis</i> , 2011, 283, 168-177.   | 3.1 | 34        |
| 49 | Selective epoxidation of propylene to propylene oxide with H <sub>2</sub> and O <sub>2</sub> over Au/Ti-MWW catalysts. <i>Pure and Applied Chemistry</i> , 2011, 84, 561-578.                                    | 0.9 | 13        |