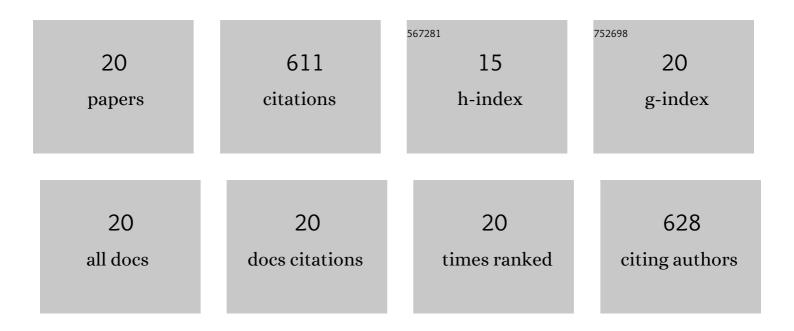
Yan Chen

List of Publications by Year in descending order

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YAN CHEN

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Construction of two-dimensional Ag/WS2 hybrid membranes with self-cleaning ability by photocatalysis for efficient water filtration. Journal of Membrane Science, 2022, 641, 119865. | 8.2 | 13 |
| 2 | ZIF-8 channeled and coordination-bridging two-dimensional WS2 membrane for efficient organic solvent nanofiltration. Chemical Engineering Journal, 2022, 442, 136139. | 12.7 | 20 |
| 3 | Facile fabrication of COF-LZU1/PES composite membrane via interfacial polymerization on microfiltration substrate for dye/salt separation. Journal of Membrane Science, 2021, 618, 118706. | 8.2 | 93 |
| 4 | Influence of Cr doping on hydrogen permeation performance of lanthanum tungstate membrane. Separation and Purification Technology, 2021, 262, 118333. | 7.9 | 9 |
| 5 | Development of Mn and Mo double-substituted La5.5WO11.25-Î′ based membranes with enhanced hydrogen permeation flux. Journal of the European Ceramic Society, 2021, 41, 5711-5720. | 5.7 | 4 |
| 6 | Amorphous TiO ₂ Bridges Stabilized WS ₂ Membranes with Excellent Filtration Stability and Photocatalysis-Driving Self-Cleaning Ability. ACS Applied Materials & Interfaces, 2021, 13, 58076-58084. | 8.0 | 9 |
| 7 | Layer-by-layer assembled GO-based membranes with high long-standing stability and chemical resistance applied in dye separation and desalination. 2D Materials, 2020, 7, 045016. | 4.4 | 9 |
| 8 | Two-dimensional Montmorillonite membranes with efficient water filtration. Journal of Membrane Science, 2020, 614, 118540. | 8.2 | 33 |
| 9 | Effect of Ba non-stoichiometry in Ba1-xZr0.1Ce0.7Y0.2O3-δon its structure defect, sinterability and hydrogen permeability. Ceramics International, 2020, 46, 19564-19573. | 4.8 | 18 |
| 10 | Two-dimensional WS2 membranes constructed on different substrates for efficient dye desalination. Desalination, 2020, 480, 114380. | 8.2 | 25 |
| 11 | Hybrid 2D WS2/GO nanofiltration membranes for finely molecular sieving. Journal of Membrane Science, 2019, 591, 117308. | 8.2 | 50 |
| 12 | Cr doped mesoporous silica spheres for propane dehydrogenation in the presence of CO2: Effect of Cr adding time in sol-gel process. Microporous and Mesoporous Materials, 2019, 284, 69-77. | 4.4 | 45 |
| 13 | Hydrogen permeability through Nd5.5W0.35Mo0.5Nb0.15O11.25-δ mixed protonic-electronic conducting membrane. Journal of Membrane Science, 2019, 579, 33-39. | 8.2 | 24 |
| 14 | Highly Stable and Antibacterial Twoâ€Ðimensional Tungsten Disulfide Lamellar Membrane for Water Filtration. ChemSusChem, 2019, 12, 275-282. | 6.8 | 38 |
| 15 | Effect of Pt layer on the hydrogen permeation property of La 5.5 W 0.45 Nb 0.15 Mo 0.4 O 11.25-δ membrane. Journal of Membrane Science, 2018, 552, 61-67. | 8.2 | 16 |
| 16 | Effect of the La/W ratio in lanthanum tungstate on the structure, stability and hydrogen permeation properties. Journal of Membrane Science, 2017, 542, 300-306. | 8.2 | 18 |
| 17 | Gas to Liquids: Natural Gas Conversion to Aromatic Fuels and Chemicals in a Hydrogen-Permeable Ceramic Hollow Fiber Membrane Reactor. ACS Catalysis, 2016, 6, 2448-2451. | 11.2 | 70 |
| 18 | Niobium and molybdenum co-doped La5.5WO11.25â^' membrane with improved hydrogen permeability. Journal of Membrane Science, 2016, 510, 155-163. | 8.2 | 37 |

| # | Article | lF | CITATIONS |
|----|---|-----|-----------|
| 19 | A CO ₂ â€stable hollowâ€fiber membrane with high hydrogen permeation flux. AICHE Journal, 2015, 61, 1997-2007. | 3.6 | 45 |
| 20 | Enhanced stability of Zr-doped Ba(CeTb)O _{3â^'δ} -Ni cermet membrane for hydrogen separation. Chemical Communications, 2015, 51, 11619-11621. | 4.1 | 35 |