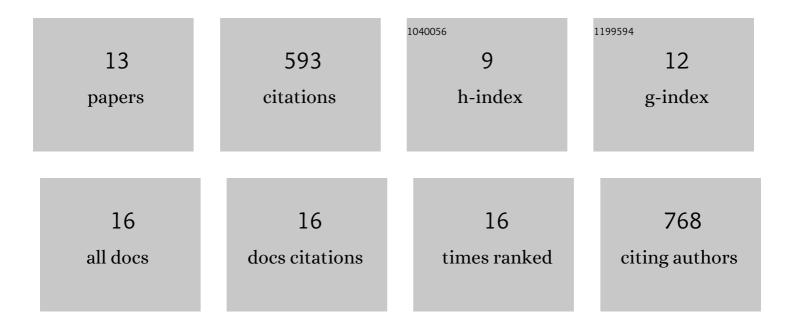
## Sangwon Lee

List of Publications by Year in descending order

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SANCWON LEE

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Finely tuned inverse design of metal–organic frameworks with user-desired Xe/Kr selectivity. Journal of Materials Chemistry A, 2021, 9, 21175-21183.                 | 10.3 | 19        |
| 2  | Deep learning-based initial guess for minimum energy path calculations. Korean Journal of Chemical<br>Engineering, 2021, 38, 406-410.                                | 2.7  | 1         |
| 3  | Computational Screening of Trillions of Metal–Organic Frameworks for High-Performance Methane<br>Storage. ACS Applied Materials & Interfaces, 2021, 13, 23647-23654. | 8.0  | 81        |
| 4  | Machine learning-based discovery of molecules, crystals, and composites: A perspective review. Korean<br>Journal of Chemical Engineering, 2021, 38, 1971-1982.       | 2.7  | 4         |
| 5  | Inverse design of porous materials using artificial neural networks. Science Advances, 2020, 6, eaax9324.  | 10.3 | 171       |
| 6  | Isotherm parameter library and evaluation software for CO2 capture adsorbents. Computers and Chemical Engineering, 2020, 143, 107105.                                | 3.8  | 9         |
| 7  | Applications of machine learning in metal-organic frameworks. Coordination Chemistry Reviews, 2020, 423, 213487.   | 18.8 | 100       |
| 8  | Finding Hidden Signals in Chemical Sensors Using Deep Learning. Analytical Chemistry, 2020, 92, 6529-6537.   | 6.5  | 40        |
| 9  | Predicting performance limits of methane gas storage in zeolites with an artificial neural network.<br>Journal of Materials Chemistry A, 2019, 7, 2709-2716.         | 10.3 | 33        |
| 10 | Computational Analysis of Linker Defective Metal–Organic Frameworks for Membrane Separation<br>Applications. Langmuir, 2019, 35, 3917-3924.                          | 3.5  | 8         |
| 11 | User-friendly graphical user interface software for ideal adsorbed solution theory calculations.<br>Korean Journal of Chemical Engineering, 2018, 35, 214-221.       | 2.7  | 88        |
| 12 | Size-Matching Ligand Insertion in MOF-74 for Enhanced CO <sub>2</sub> Capture under Humid Conditions. Journal of Physical Chemistry C, 2017, 121, 24444-24451.       | 3.1  | 34        |
| 13 | ID-Based Interoperation between Digital and Physical Resources in Ubiquitous Environment. , 2008, , .  |      | 2         |