

Michael S Denny Jr

List of Publications by Year in descending order

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12
papers

1,777
citations

840776

11
h-index

1125743

13
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docs citations

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times ranked

3098
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Nylonâ€“MOF Composites through Postsynthetic Polymerization. <i>Angewandte Chemie</i> , 2019, 131, 2358-2362. | 2.0 | 38 |
| 2 | Nylonâ€“MOF Composites through Postsynthetic Polymerization. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2336-2340. | 13.8 | 132 |
| 3 | Transmission Electron Microscopy Reveals Deposition of Metal Oxide Coatings onto Metalâ€“Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2018, 140, 1348-1357. | 13.7 | 51 |
| 4 | Gas Absorption and Pore Breathing of Metal-Organic Frameworks Studied Using in situ Environmental Transmission Electron Microscopy (ETEM). <i>Microscopy and Microanalysis</i> , 2018, 24, 1880-1881. | 0.4 | 1 |
| 5 | Multicomponent metalâ€“organic framework membranes for advanced functional composites. <i>Chemical Science</i> , 2018, 9, 8842-8849. | 7.4 | 54 |
| 6 | Analytical STEM Investigation of the Post-Synthetic Modification (PMS) of Metal-Organic Frameworks (MOFs): Metal- and Ligand-Exchange in UiO-66. <i>Microscopy and Microanalysis</i> , 2018, 24, 1970-1971. | 0.4 | 3 |
| 7 | Pore Breathing of Metalâ€“Organic Frameworks by Environmental Transmission Electron Microscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 13973-13976. | 13.7 | 56 |
| 8 | High MOF loading in mixed-matrix membranes utilizing styrene/butadiene copolymers. <i>Chemical Communications</i> , 2016, 52, 14376-14379. | 4.1 | 43 |
| 9 | Metalâ€“organic frameworks for membrane-based separations. <i>Nature Reviews Materials</i> , 2016, 1, . | 48.7 | 602 |
| 10 | Enhanced aging properties of HKUST-1 in hydrophobic mixed-matrix membranes for ammonia adsorption. <i>Chemical Science</i> , 2016, 7, 2711-2716. | 7.4 | 145 |
| 11 | In Situ Modification of Metalâ€“Organic Frameworks in Mixedâ€“Matrix Membranes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9029-9032. | 13.8 | 378 |
| 12 | Observing the Growth of Metalâ€“Organic Frameworks by <i>in Situ</i> Liquid Cell Transmission Electron Microscopy. <i>Journal of the American Chemical Society</i> , 2015, 137, 7322-7328. | 13.7 | 207 |