

Craig A Vandervelden

List of Publications by Year in descending order

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1684188

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| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Predicted Properties of Active Catalyst Sites on Amorphous Silica: Impact of Silica Preoptimization Protocol. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 12834-12846. | 3.7 | 11 |
| 2 | Site-averaged kinetics for catalysts on amorphous supports: an importance learning algorithm. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 77-86. | 3.7 | 25 |
| 3 | Grafting metal complexes onto amorphous supports: from elementary steps to catalyst site populations via kernel regression. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 66-76. | 3.7 | 22 |
| 4 | Importance learning estimator for the site-averaged turnover frequency of a disordered solid catalyst. <i>Journal of Chemical Physics</i> , 2020, 153, 244120. | 3.0 | 8 |
| 5 | Computational Support for Phillips Catalyst Initiation via Cr-C Bond Homolysis in a Chromacyclopentane Site. <i>ACS Catalysis</i> , 2018, 8, 1728-1733. | 11.2 | 23 |