

Craig A Vandervelden

List of Publications by Year in descending order

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papers

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citations

1684188

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2053705

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all docs

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docs citations

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times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
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	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
5	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