

Joshuah K Stolaroff

List of Publications by Year in descending order

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13
papers

1,024
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1558
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced absorber heat integration via heat exchange packings. <i>AIChE Journal</i> , 2021, 67, e17243.	3.6	3
2	Three-Dimensional Printable Sodium Carbonate Composite Sorbents for Efficient Biogas Upgrading. <i>Environmental Science & Technology</i> , 2020, 54, 6900-6907.	10.0	7
3	3D Printed Polymer Composites for CO ₂ Capture. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 22015-22020.	3.7	17
4	Evaluating the Performance of Micro-Encapsulated CO ₂ Sorbents during CO ₂ Absorption and Regeneration Cycling. <i>Environmental Science & Technology</i> , 2019, 53, 2926-2936.	10.0	26
5	Energy use and life cycle greenhouse gas emissions of drones for commercial package delivery. <i>Nature Communications</i> , 2018, 9, 409.	12.8	181
6	CO ₂ Absorption Kinetics of Micro-encapsulated Ionic Liquids. <i>Energy Procedia</i> , 2017, 114, 860-865.	1.8	27
7	Microencapsulation of advanced solvents for carbon capture. <i>Faraday Discussions</i> , 2016, 192, 271-281.	3.2	53
8	Encapsulated liquid sorbents for carbon dioxide capture. <i>Nature Communications</i> , 2015, 6, 6124.	12.8	161
9	Thermodynamic Assessment of Microencapsulated Sodium Carbonate Slurry for Carbon Capture. <i>Energy Procedia</i> , 2014, 63, 2331-2335.	1.8	8
10	Encapsulated Solvents for Carbon Dioxide Capture. <i>Energy Procedia</i> , 2013, 37, 219-224.	1.8	15
11	New materials for methane capture from dilute and medium-concentration sources. <i>Nature Communications</i> , 2013, 4, 1694.	12.8	111
12	Review of Methane Mitigation Technologies with Application to Rapid Release of Methane from the Arctic. <i>Environmental Science & Technology</i> , 2012, 46, 6455-6469.	10.0	76
13	Carbon Dioxide Capture from Atmospheric Air Using Sodium Hydroxide Spray. <i>Environmental Science & Technology</i> , 2008, 42, 2728-2735.	10.0	331