

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