

# Arunkumar Samanta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1699627/publications.pdf>

Version: 2024-02-01

9  
papers

1,771  
citations

1477746

6  
h-index

1473754

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

2577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations on the chemical looping with oxygen uncoupling process using Indian coal and copper oxide oxygen carrier. <i>Fuel</i> , 2022, 311, 122546.	3.4	7
2	Microwave-synthesized high-performance mesoporous SBA-15 silica materials for CO <sub>2</sub> capture. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 1951-1962.	1.2	7
3	Performance and Kinetic Evaluation of Synthesized CuO/SBA-15 Oxygen Carrier for Chemical Looping with Oxygen Uncoupling. <i>Energy Technology</i> , 2019, 7, 1900407.	1.8	9
4	Carbon dioxide capture under postcombustion conditions using amine-functionalized SBA-15: Kinetics and multicyclic performance. <i>Separation Science and Technology</i> , 2018, 53, 2683-2694.	1.3	8
5	Evaluation of ash-free coal for chemical looping combustion –part I: Thermogravimetric single cycle study and the reaction mechanism. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 623-633.	0.9	7
6	Evaluation of ash-free coal for chemical looping combustion –part II: Thermogravimetric multi-cycle performance. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 832-838.	0.9	1
7	Postcombustion CO <sub>2</sub> capture using N-(3-trimethoxysilylpropyl)diethylenetriamine-grafted solid adsorbent. <i>Energy Science and Engineering</i> , 2015, 3, 207-220.	1.9	50
8	Carbon Dioxide Adsorption on Amine-Impregnated Mesoporous SBA-15 Sorbents: Experimental and Kinetics Study. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 6480-6491.	1.8	158
9	Post-Combustion CO <sub>2</sub> Capture Using Solid Sorbents: A Review. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 1438-1463.	1.8	1,524