

# Arpit H Bhatt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4205734/publications.pdf>

Version: 2024-02-01

12  
papers

504  
citations

1163117

8  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

465  
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic, life-cycle, and socioeconomic impact analysis of enzymatic recycling of poly(ethylene terephthalate). <i>Joule</i> , 2021, 5, 2479-2503.	24.0	160
2	Techno-economic analysis and life cycle assessment of a biorefinery utilizing reductive catalytic fractionation. <i>Energy and Environmental Science</i> , 2021, 14, 4147-4168.	30.8	106
3	Economic Perspectives of Biogas Production via Anaerobic Digestion. <i>Bioengineering</i> , 2020, 7, 74.	3.5	77
4	Value Proposition of Untapped Wet Wastes: Carboxylic Acid Production through Anaerobic Digestion. <i>IScience</i> , 2020, 23, 101221.	4.1	51
5	Bio-oil co-processing can substantially contribute to renewable fuel production potential and meet air quality standards. <i>Applied Energy</i> , 2020, 268, 114937.	10.1	35
6	Life cycle analysis of renewable natural gas and lactic acid production from waste feedstocks. <i>Journal of Cleaner Production</i> , 2021, 311, 127653.	9.3	22
7	Energy, economic, and environmental benefits assessment of co-optimized engines and bio-blendstocks. <i>Energy and Environmental Science</i> , 2020, 13, 2262-2274.	30.8	16
8	Potential Air Pollutant Emissions and Permitting Classifications for Two Biorefinery Process Designs in the United States. <i>Environmental Science &amp; Technology</i> , 2017, 51, 5879-5888.	10.0	14
9	Biorefinery upgrading of herbaceous biomass to renewable hydrocarbon fuels, Part 2: Air pollutant emissions and permitting implications. <i>Journal of Cleaner Production</i> , 2022, 362, 132409.	9.3	7
10	Economic implications of incorporating emission controls to mitigate air pollutants emitted from a modeled hydrocarbon-fuel biorefinery in the United States. <i>Biofuels, Bioproducts and Biorefining</i> , 2016, 10, 603-622.	3.7	6
11	Characterization factors and other air quality impact metrics: Case study for PM2.5-emitting area sources from biofuel feedstock supply. <i>Science of the Total Environment</i> , 2022, 822, 153418.	8.0	6
12	Biorefinery upgrading of herbaceous biomass to renewable hydrocarbon fuels, part 1: Process modeling and mass balance analysis. <i>Journal of Cleaner Production</i> , 2022, , 132439.	9.3	4