

# Mahinsasa Rathnayake

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5860890/publications.pdf>

Version: 2024-02-01

5  
papers

147  
citations

1937685

4  
h-index

2053705

5  
g-index

6  
all docs

6  
docs citations

6  
times ranked

173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conversion of rice straw into 5-hydroxymethylfurfural: review and comparative process evaluation. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 1013-1047.	4.6	14
2	Process Simulation Integrated Life Cycle Net Energy Analysis and GHG Assessment of Fuel-Grade Bioethanol Production from Unutilized Rice Straw. <i>Waste and Biomass Valorization</i> , 2022, 13, 3689-3705.	3.4	4
3	Life cycle net energy and global warming impact assessment for hydrogen production via decomposition of ammonia recovered from source-separated human urine. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 24093-24106.	7.1	6
4	Process simulation based life cycle assessment for bioethanol production from cassava, cane molasses, and rice straw. <i>Journal of Cleaner Production</i> , 2018, 190, 24-35.	9.3	57
5	Utilization of coal fly ash and bottom ash as solid sorbents for sulfur dioxide reduction from coal fired power plant: Life cycle assessment and applications. <i>Journal of Cleaner Production</i> , 2018, 202, 934-945.	9.3	66