

Greg H Rau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3558336/publications.pdf>

Version: 2024-02-01

9
papers

841
citations

1163117
8
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

914
citing authors

#	ARTICLE	IF	CITATIONS
1	Wastewater treatment for carbon capture and utilization. <i>Nature Sustainability</i> , 2018, 1, 750-758.	23.7	299
2	Enhanced carbonate dissolution. <i>Energy Conversion and Management</i> , 1999, 40, 1803-1813.	9.2	101
3	CO ₂ Mitigation via Capture and Chemical Conversion in Seawater. <i>Environmental Science & Technology</i> , 2011, 45, 1088-1092.	10.0	92
4	Electrochemical Splitting of Calcium Carbonate to Increase Solution Alkalinity: Implications for Mitigation of Carbon Dioxide and Ocean Acidity. <i>Environmental Science & Technology</i> , 2008, 42, 8935-8940.	10.0	84
5	Microbial Electrolytic Carbon Capture for Carbon Negative and Energy Positive Wastewater Treatment. <i>Environmental Science & Technology</i> , 2015, 49, 8193-8201.	10.0	76
6	The global potential for converting renewable electricity to negative-CO ₂ -emissions hydrogen. <i>Nature Climate Change</i> , 2018, 8, 621-625.	18.8	74
7	Direct electrolytic dissolution of silicate minerals for air CO ₂ mitigation and carbon-negative H ₂ production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10095-10100.	7.1	61
8	Negative-CO ₂ -emissions ocean thermal energy conversion. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 95, 265-272.	16.4	46
9	The race to remove CO ₂ needs more contestants. <i>Nature Climate Change</i> , 2019, 9, 256-256.	18.8	8