

# Alan Y Gu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1482951/publications.pdf>

Version: 2024-02-01

6  
papers

175  
citations

1937685

4  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

248  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photothermal Catalyst Engineering: Hydrogenation of Gaseous CO <sub>2</sub> with High Activity and Tailored Selectivity. <i>Advanced Science</i> , 2017, 4, 1700252.	11.2	97
2	Solar Urea: Towards a Sustainable Fertilizer Industry. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	37
3	Role of Ferryl Ion Intermediates in Fast Fenton Chemistry on Aqueous Microdroplets. <i>Environmental Science &amp; Technology</i> , 2021, 55, 14370-14377.	10.0	21
4	Membrane-Based In-Gel Loop-Mediated Isothermal Amplification (mgLAMP) System for SARS-CoV-2 Quantification in Environmental Waters. <i>Environmental Science &amp; Technology</i> , 2022, 56, 862-873.	10.0	16
5	Photothermal Catalysis: Photothermal Catalyst Engineering: Hydrogenation of Gaseous CO <sub>2</sub> with High Activity and Tailored Selectivity ( <i>Adv. Sci.</i> 10/2017). <i>Advanced Science</i> , 2017, 4, .	11.2	2
6	Speech-generated aerosol settling times and viral viability can improve COVID-19 transmission prediction. <i>Environmental Science Atmospheres</i> , 2022, 2, 34-45.	2.4	2