

# Mruthunjaya Uddi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4889443/publications.pdf>

Version: 2024-02-01

8  
papers

405  
citations

1307594

7  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

450  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic oxygen measurements in air and air/fuel nanosecond pulse discharges by two photon laser induced fluorescence. Proceedings of the Combustion Institute, 2009, 32, 929-936.	3.9	182
2	Redox Kinetics Study of Fuel Reduced Ceria for Chemical-Looping Water Splitting. Journal of Physical Chemistry C, 2016, 120, 16271-16289.	3.1	79
3	Enhancing co-production of H <sub>2</sub> and syngas via water splitting and POM on surface-modified oxygen permeable membranes. AIChE Journal, 2016, 62, 4427-4435.	3.6	35
4	Enhanced intermediate-temperature CO <sub>2</sub> splitting using nonstoichiometric ceria and ceria-zirconia. Physical Chemistry Chemical Physics, 2017, 19, 25774-25785.	2.8	32
5	Redox Kinetics and Nonstoichiometry of Ce <sub>0.5</sub> Zr <sub>0.5</sub> O <sub>2</sub> for Water Splitting and Hydrogen Production. Journal of Physical Chemistry C, 2017, 121, 11055-11068.	3.1	31
6	Plasma-catalysis chemical looping CH <sub>4</sub> reforming with water splitting using ceria supported Ni based La-perovskite nano-catalyst. Journal of CO <sub>2</sub> Utilization, 2019, 32, 11-20.	6.8	25
7	OH* Chemiluminescence Imaging of the Combustion Products From a Methane-Fueled Rotating Detonation Engine. Journal of Engineering for Gas Turbines and Power, 2019, 141, .	1.1	20
8	Optical Diagnostics of Plasma Assisted Chemical Looping Reactions. IEEE Transactions on Plasma Science, 2022, 50, 899-910.	1.3	1