

Mruthunjaya Uddi

List of Publications by Year in descending order

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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	Optical Diagnostics of Plasma Assisted Chemical Looping Reactions. IEEE Transactions on Plasma Science, 2022, 50, 899-910.	1.3	1
2	Plasma-catalysis chemical looping CH ₄ reforming with water splitting using ceria supported Ni based La-perovskite nano-catalyst. Journal of CO ₂ Utilization, 2019, 32, 11-20.	6.8	25
3	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
4	Redox Kinetics and Nonstoichiometry of Ce _{0.5} Zr _{0.5} O ₂ for Water Splitting and Hydrogen Production. Journal of Physical Chemistry C, 2017, 121, 11055-11068.	3.1	31
5	Enhanced intermediate-temperature CO ₂ splitting using nonstoichiometric ceria and zirconia. Physical Chemistry Chemical Physics, 2017, 19, 25774-25785.	2.8	32
6	Enhancing H ₂ production of H ₂ and syngas via water splitting and POM on surface-modified oxygen permeable membranes. AIChE Journal, 2016, 62, 4427-4435.	3.6	35
7	Redox Kinetics Study of Fuel Reduced Ceria for Chemical-Looping Water Splitting. Journal of Physical Chemistry C, 2016, 120, 16271-16289.	3.1	79
8	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