

A J Wolf

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

171
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications of thermo-chemical instability on the contracted modes in CO ₂ microwave plasmas. Plasma Sources Science and Technology, 2020, 29, 025005.	3.1	45
2	CO ₂ Conversion in Nonuniform Discharges: Disentangling Dissociation and Recombination Mechanisms. Journal of Physical Chemistry C, 2020, 124, 16806-16819.	3.1	36
3	Characterization of CO ₂ microwave plasma based on the phenomenon of skin-depth-limited contraction. Plasma Sources Science and Technology, 2019, 28, 115022.	3.1	30
4	Insight into contraction dynamics of microwave plasmas for CO ₂ conversion from plasma chemistry modelling. Plasma Sources Science and Technology, 2020, 29, 105014.	3.1	27
5	Numerical model for the determination of the reduced electric field in a CO ₂ microwave plasma derived by the principle of impedance matching. Plasma Sources Science and Technology, 2019, 28, 075016.	3.1	22
6	Resolving discharge parameters from atomic oxygen emission. Plasma Sources Science and Technology, 2021, 30, 065022.	3.1	8
7	Two-temperature balance equations implementation, numerical validation and application to H ₂ –He microwave induced plasmas. Plasma Sources Science and Technology, 2021, 30, 075007.	3.1	3