

Antonin Berthelot

List of Publications by Year in descending order

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Version: 2024-02-01

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9
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336
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of CO ₂ Splitting in a Microwave Plasma: How to Improve the Conversion and Energy Efficiency. Journal of Physical Chemistry C, 2017, 121, 8236-8251.	3.1	122
2	Modeling plasma-based CO ₂ conversion: crucial role of the dissociation cross section. Plasma Sources Science and Technology, 2016, 25, 055016.	3.1	87
3	Modeling of plasma-based CO ₂ conversion: lumping of the vibrational levels. Plasma Sources Science and Technology, 2016, 25, 045022.	3.1	72
4	CO ₂ conversion in a gliding arc plasma: 1D cylindrical discharge model. Plasma Sources Science and Technology, 2016, 25, 065012.	3.1	65
5	Modeling of CO ₂ plasma: effect of uncertainties in the plasma chemistry. Plasma Sources Science and Technology, 2017, 26, 115002.	3.1	36
6	Understanding Microwave Surface-Wave Sustained Plasmas at Intermediate Pressure by 2D Modeling and Experiments. Plasma Processes and Polymers, 2017, 14, 1600185.	3.0	34
7	Modelling of plasma-based dry reforming: how do uncertainties in the input data affect the calculation results?. Journal Physics D: Applied Physics, 2018, 51, 204003.	2.8	24
8	Pinpointing energy losses in CO ₂ plasmas – Effect on CO ₂ conversion. Journal of CO ₂ Utilization, 2018, 24, 479-499.	6.8	22
9	Back Cover: Plasma Process. Polym. 4 – 2017. Plasma Processes and Polymers, 2017, 14, 1770007.	3.0	0