

Frédéric Fabry

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11530269/publications.pdf>

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papers

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citations

759233

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all docs

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docs citations

15
times ranked

616
citing authors

#	ARTICLE	IF	CITATIONS
1	Waste Gasification by Thermal Plasma: A Review. Waste and Biomass Valorization, 2013, 4, 421-439.	3.4	207
2	Carbon black processing by thermal plasma. Analysis of the particle formation mechanism. Chemical Engineering Science, 2001, 56, 2123-2132.	3.8	88
3	Direct conversion of CO ₂ and CH ₄ into liquid chemicals by plasma-catalysis. Applied Catalysis B: Environmental, 2020, 261, 118228.	20.2	75
4	Synthesis of carbon nanotubes and nano-necklaces by thermal plasma process. Carbon, 2004, 42, 2543-2549.	10.3	61
5	Three-Phase AC Arc Plasma Systems: A Review. Plasma Chemistry and Plasma Processing, 2015, 35, 565-585.	2.4	41
6	Title is missing!. Plasma Chemistry and Plasma Processing, 1999, 19, 69-89.	2.4	23
7	Hydrocarbons synthesis from syngas by very high pressure plasma. Chemical Engineering Journal, 2014, 241, 1-8.	12.7	21
8	A Comparison Between MHD Modeling and Experimental Results in a 3-Phase AC Arc Plasma Torch: Influence of the Electrode Tip Geometry. Plasma Chemistry and Plasma Processing, 2014, 34, 975-996.	2.4	19
9	High Speed Video Camera and Electrical Signal Analyses of Arcs Behavior in a 3-Phase AC Arc Plasma Torch. Plasma Chemistry and Plasma Processing, 2013, 33, 779-796.	2.4	18
10	Production of Carbon Nanotubes and Other Nanostructures Via Continuous 3-Phase AC Plasma Processing. Fullerenes Nanotubes and Carbon Nanostructures, 2004, 12, 571-581.	2.1	15
11	Experimental Study of Hydrocarbons Synthesis from Syngas by a Tip-to-Tip Electrical Discharge at Very High Pressure. Plasma Chemistry and Plasma Processing, 2011, 31, 663-679.	2.4	15
12	Experimental study on plasma-catalytic synthesis of hydrocarbons from syngas. Applied Catalysis A: General, 2019, 588, 117269.	4.3	13
13	3-D Flow Modeling of a Three-Phase AC Plasma Torch Working With Air Using a Stationary Source Domain With Gas Radiation. IEEE Transactions on Plasma Science, 2016, 44, 996-1008.	1.3	10
14	Tailor-Made Carbon Nanomaterials for Bulk Applications via High-Intensity Arc Plasma. Fullerenes Nanotubes and Carbon Nanostructures, 2005, 13, 67-75.	2.1	5
15	A New Plasma Electro-Burner Concept for Biomass and Waste Combustion. Waste and Biomass Valorization, 2017, 8, 2791-2805.	3.4	5