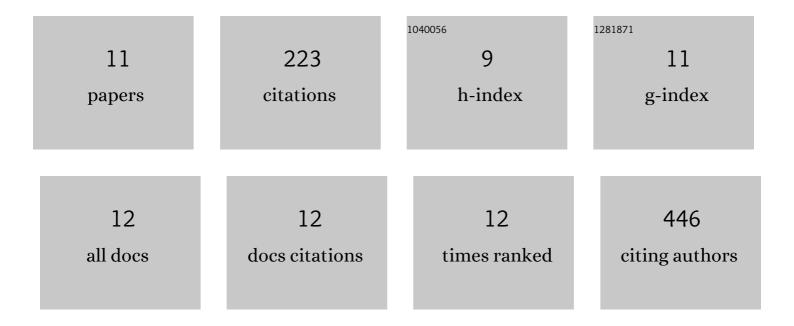
Renaud Delmelle

List of Publications by Year in descending order

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PENALID DELMELLE

#	Article	IF	CITATIONS
1	Evolution of Water Diffusion in a Sorption-Enhanced Methanation Catalyst. Catalysts, 2018, 8, 341.	3.5	13
2	Effect of hydriding induced defects on the small-scale plasticity mechanisms in nanocrystalline palladium thin films. Journal of Applied Physics, 2018, 124, 225105.	2.5	2
3	Structural Reversibility and Nickel Particle stability in Lanthanum Iron Nickel Perovskiteâ€Type Catalysts. ChemSusChem, 2017, 10, 2505-2517.	6.8	52
4	Promotion of Hydrogen Desorption from Palladium Surfaces by Fluoropolymer Coating. ChemCatChem, 2016, 8, 1646-1650.	3.7	19
5	Dislocation/hydrogen interaction mechanisms in hydrided nanocrystalline palladium films. Acta Materialia, 2016, 111, 253-261.	7.9	28
6	Effect of structural defects on the hydriding kinetics of nanocrystalline Pd thin films. International Journal of Hydrogen Energy, 2015, 40, 7335-7347.	7.1	23
7	Closing the pressure gap in x-ray photoelectron spectroscopy by membrane hydrogenation. Review of Scientific Instruments, 2015, 86, 053104.	1.3	13
8	Reactivity enhancement of oxide skins in reversible Ti-doped NaAlH4. AIP Advances, 2014, 4, 127130.	1.3	8
9	Effect of internal stress on the hydriding kinetics of nanocrystalline Pd thin films. Acta Materialia, 2013, 61, 2320-2329.	7.9	15
10	High resolution transmission electron microscopy characterization of fcc → 9R transformation in nanocrystalline palladium films due to hydriding. Applied Physics Letters, 2013, 102, .	3.3	22
11	An in situ study of the hydriding kinetics of Pd thin films. Physical Chemistry Chemical Physics, 2011, 13, 11412	2.8	28