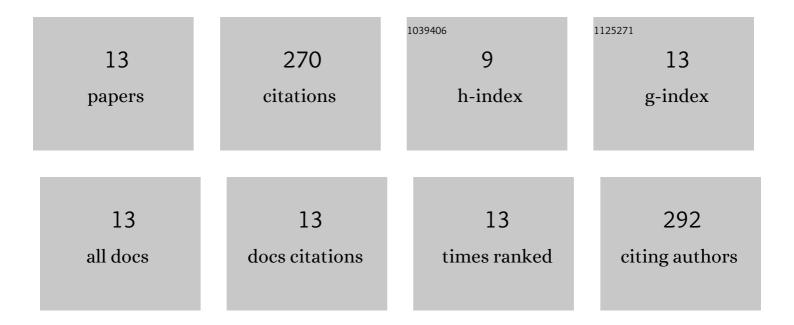
Damien Nativel

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Shock-tube study of the influence of oxygenated additives on benzene pyrolysis: Measurement of optical densities, soot inception times and comparison with simulations. Combustion and Flame, 2022, 243, 111985.	2.8	5
2	Shock tube study of the pyrolysis kinetics of Di- and trimethoxy methane. Combustion and Flame, 2022, 242, 112186.	2.8	3
3	Ethanol ignition in a high-pressure shock tube: Ignition delay time and high-repetition-rate imaging measurements. Proceedings of the Combustion Institute, 2021, 38, 901-909.	2.4	14
4	Numerical Investigation of Remote Ignition in Shock Tubes. Flow, Turbulence and Combustion, 2021, 106, 471-498.	1.4	7
5	Laminar Flame Speeds and Ignition Delay Times of Gasoline/Air and Gasoline/Alcohol/Air Mixtures: The Effects of Heavy Alcohol Compared to Light Alcohol. Energy & Fuels, 2021, 35, 14913-14923.	2.5	12
6	Laser-based CO concentration and temperature measurements in high-pressure shock-tube studies of n-heptane partial oxidation. Applied Physics B: Lasers and Optics, 2020, 126, 1.	1.1	16
7	CO-concentration and temperature measurements in reacting CH4/O2 mixtures doped with diethyl ether behind reflected shock waves. Combustion and Flame, 2020, 216, 194-205.	2.8	16
8	Impact of shock-tube facility-dependent effects on incident- and reflected-shock conditions over a wide range of pressures and Mach numbers. Combustion and Flame, 2020, 217, 200-211.	2.8	46
9	Shock-tube study of methane pyrolysis in the context of energy-storage processes. Proceedings of the Combustion Institute, 2019, 37, 197-204.	2.4	32
10	Direct Measurement of High-Temperature Rate Constants of the Thermal Decomposition of Dimethoxymethane, a Shock Tube and Modeling Study. Journal of Physical Chemistry A, 2018, 122, 7559-7571.	1.1	21
11	Unsupervised analysis of experiments of laminar flame propagation in a spherical enclosure. AIP Conference Proceedings, 2016, , .	0.3	1
12	Laminar flame speeds of pentanol isomers: An experimental and modeling study. Combustion and Flame, 2016, 166, 1-18.	2.8	51
13	Lanthanum promoted NiO–SDC anode for low temperature solid oxide fuel cells fueled with methane. Journal of Power Sources, 2012, 210, 374-380.	4.0	46