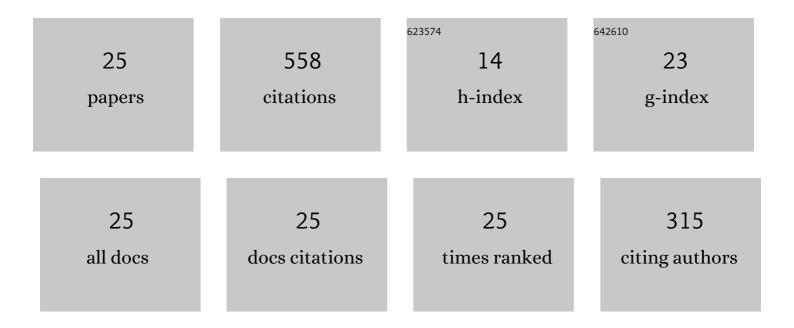
Marco Lubrano Lavadera

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The influence of ammonia on the laminar burning velocities of methylcyclohexane and toluene: An experimental and kinetic modeling study. Combustion and Flame, 2022, 237, 111839.	2.8	12
2	Experimental and modeling study of NO formation in methyl acetateÂ+Âair flames. Combustion and Flame, 2022, 242, 112213.	2.8	3
3	Experimental and modeling study of laminar burning velocities and nitric oxide formation in premixed ethylene/air flames. Proceedings of the Combustion Institute, 2021, 38, 395-404.	2.4	16
4	An experimental and kinetic modeling study on nitric oxide formation in premixed C3 alcohols flames. Proceedings of the Combustion Institute, 2021, 38, 805-812.	2.4	24
5	Measurements of the laminar burning velocities and NO concentrations in neat and blended ethanol and n-heptane flames. Fuel, 2021, 288, 119585.	3.4	6
6	Comparative Effect of Ammonia Addition on the Laminar Burning Velocities of Methane, <i>n</i> -Heptane, and Iso-octane. Energy & Fuels, 2021, 35, 7156-7168.	2.5	39
7	Experimental and kinetic modeling study of NO formation in premixed CH4+O2+N2 flames. Combustion and Flame, 2021, 223, 349-360.	2.8	33
8	Laminar burning velocities of methaneÂ+Âformic acidÂ+Âair flames: Experimental and modeling study. Combustion and Flame, 2021, 225, 65-73.	2.8	14
9	An experimental and kinetic modeling study on the laminar burning velocity of NH3+N2O+air flames. Combustion and Flame, 2021, 228, 13-28.	2.8	56
10	Oxidation kinetics of methyl crotonate: A comprehensive modeling and experimental study. Combustion and Flame, 2021, 229, 111409.	2.8	3
11	Laminar burning velocities of propionic acidÂ+Âair flames: Experimental, modeling and data consistency study. Combustion and Flame, 2021, 230, 111431.	2.8	4
12	Experimental and modeling study of nitric oxide formation in premixed methanolÂ+Âair flames. Combustion and Flame, 2020, 213, 322-330.	2.8	20
13	Methyl-3-hexenoate combustion chemistry: Experimental study and numerical kinetic simulation. Combustion and Flame, 2020, 222, 170-180.	2.8	11
14	Data Consistency of the Burning Velocity Measurements Using the Heat Flux Method: Syngas Flames. Energy & Fuels, 2020, 34, 3725-3742.	2.5	10
15	Experimental and modelling study of laminar burning velocity of aqueous ethanol. Fuel, 2019, 257, 116069.	3.4	10
16	Effects of Bath Gas and NO _{<i>x</i>} Addition on <i>n</i> -Pentane Low-Temperature Oxidation in a Jet-Stirred Reactor. Energy & Fuels, 2019, 33, 5655-5663.	2.5	24
17	Thermochemical oscillation of methane MILD combustion diluted with N ₂ /CO ₂ /H ₂ O. Combustion Science and Technology, 2019, 191, 68-80.	1.2	12
18	Propane oxidation in a Jet Stirred Flow Reactor. The effect of H 2 O as diluent species. Experimental Thermal and Fluid Science, 2018, 95, 35-43.	1.5	18

#	Article	IF	CITATIONS
19	Optimization of Chemical Kinetics for Methane and Biomass Pyrolysis Products in Moderate or Intense Low-Oxygen Dilution Combustion. Energy & Fuels, 2018, 32, 10194-10201.	2.5	15
20	Oscillatory Behavior in Methane Combustion: Influence of the Operating Parameters. Energy & Fuels, 2018, 32, 10088-10099.	2.5	22
21	Thermo-kinetic instabilities in model reactors. Examples in experimental tests. AIP Conference Proceedings, 2017, , .	0.3	0
22	Experimental study of the effect of CO2 on propane oxidation in a Jet Stirred Flow Reactor. Fuel, 2016, 184, 876-888.	3.4	19
23	H2O and CO2 Dilution in MILD Combustion of Simple Hydrocarbons. Flow, Turbulence and Combustion, 2016, 96, 433-448.	1.4	49
24	CO 2 and H 2 O effect on propane auto-ignition delay times under mild combustion operative conditions. Combustion and Flame, 2015, 162, 533-543.	2.8	95
25	Autoignition delay times of propane mixtures under MILD conditions at atmospheric pressure. Combustion and Flame, 2014, 161, 3022-3030.	2.8	43