# Marco Lubrano Lavadera

List of Publications by Year
in descending order



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|---|---|---|---|
| 25 papers | 558 citations | 623574<br>14 h-index | 642610<br>23 g-index |
| 25 all docs | 25 docs citations | 25 times ranked | 315 citing authors |

| # | 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<sub><i>x</i></sub> 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<sub>2</sub>/CO<sub>2</sub>/H<sub>2</sub>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 $CO_2$ on propane oxidation in a Jet Stirred Flow Reactor. Fuel, 2016, 184, 876-888. | 3.4 | 19 |
| 23 | $H_2O$ and $CO_2$ Dilution in MILD Combustion of Simple Hydrocarbons. Flow, Turbulence and Combustion, 2016, 96, 433-448. | 1.4 | 49 |
| 24 | $CO_2$ and $H_2O$ 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 |