

On transition to cellularity in expanding spherical flames

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Laminar burning velocities and combustion characteristics of propane-hydrogen-air premixed flames. International Journal of Hydrogen Energy, 2008, 33, 4906-4914.	3.8	158
2	Measurements of laminar burning velocities and Markstein lengths of propane-hydrogen-air mixtures at elevated pressures and temperatures. International Journal of Hydrogen Energy, 2008, 33, 7274-7285.	3.8	83
3	An Experimental Study on the Self-Acceleration of Cellular Spherical Flames. , 2008, , .		3
4	Effects of hydrogen addition on cellular instabilities of the spherically expanding propane flames. International Journal of Hydrogen Energy, 2009, 34, 2483-2487.	3.8	50
5	Numerical study on laminar burning velocity and NO formation of premixed methane-hydrogen-air flames. International Journal of Hydrogen Energy, 2009, 34, 6545-6557.	3.8	103
6	Effects of N ₂ Dilution on Laminar Burning Characteristics of Propane-Air Premixed Flames. Energy & Fuels, 2009, 23, 151-156.	2.5	40
7	Measurements of Laminar Burning Velocities and Markstein Lengths of 2,5-Dimethylfuran-Air Diluent Premixed Flames. Energy & Fuels, 2009, 23, 4355-4362.	2.5	68
8	Surface Morphology and Self-Acceleration of Expanding Spherical Flames. , 2009, , .		2
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11	Ignition transition in turbulent premixed combustion. Combustion and Flame, 2010, 157, 341-350.	2.8	64
12	Laminar burning velocities and flame instabilities of butanol isomers-air mixtures. Combustion and Flame, 2010, 157, 2318-2325.	2.8	208
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19	Measurement and correlation of laminar flame speeds of CO and C2 hydrocarbons with hydrogen addition at atmospheric and elevated pressures. International Journal of Hydrogen Energy, 2011, 36, 13171-13180.	3.8	48

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21	Determination, correlation, and mechanistic interpretation of effects of hydrogen addition on laminar flame speeds of hydrocarbon-air mixtures. <i>Proceedings of the Combustion Institute</i> , 2011, 33, 921-928.	2.4	123
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171	An Experimental Study on the Instability of Rp-3 Aviation Kerosene/Air Premixed Flame. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
172	How fast can we burn, 2.0. <i>Proceedings of the Combustion Institute</i> , 2023, 39, 2077-2105.	2.4	6
173	Laminar combustion characteristics of ethyl acetate/hydrogen/air at elevated pressures. <i>Fuel</i> , 2022, 330, 125631.	3.4	3
174	Comparison of 2-acetylfuran, 2-ethylfuran, and 2-methylfuran spherically expanding flame intrinsic instabilities. <i>Science China Technological Sciences</i> , 2022, 65, 2388-2398.	2.0	5
175	An experimental study on the laminar burning velocities of RP-3 kerosene and its surrogate fuel at elevated pressures and temperatures. <i>Fuel</i> , 2023, 331, 125844.	3.4	9
176	Experimental study on the intrinsic instabilities of spherically expanding CH ₄ /H ₂ /CO ₂ /O ₂ flames. <i>Fuel</i> , 2023, 332, 126018.	3.4	0
177	On Accelerative Propagation of Premixed Hydrogen/Air Laminar and Turbulent Expanding Flames. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
178	An experimental study on the instability of RP-3 aviation kerosene/air premixed flame. <i>Fuel</i> , 2023, 332, 126038.	3.4	3
179	Development of a comprehensive laminar burning velocity and flame instability profile of refined producer gas (H ₂ :CO:CH ₄) " Air mixtures at elevated pressures. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 36073-36083.	3.8	1
180	Burning rate estimation based on flame evolution in a channel. <i>Acta Astronautica</i> , 2023, 204, 768-775.	1.7	6
181	Effects of pressure on laminar flame characteristics of C1-C3 alkanes: A review. <i>Fuel Processing Technology</i> , 2023, 240, 107561.	3.7	2
182	Effects of density ratio and differential diffusion on flame accelerative propagation of H ₂ /O ₂ /N ₂ mixtures. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 9071-9081.	3.8	3
183	Laminar flame speed measurements of a gasoline surrogate and its mixtures with ethanol at elevated pressure and temperature. <i>Fuel</i> , 2023, 343, 128003.	3.4	1
184	The effect of pressure on lean premixed hydrogen-air flames. <i>Combustion and Flame</i> , 2023, 250, 112514.	2.8	12
185	Revisiting effective Lewis number of combustible mixtures. <i>Fuel</i> , 2023, 343, 127909.	3.4	5
200	Effects of intrinsic instabilities in the local burning rate of lean premixed hydrogen/air laminar flames. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2024, 46, .	0.8	0