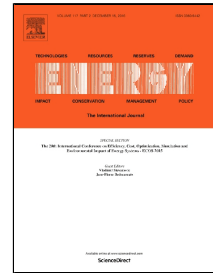


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Experimental study of atmospheric partially premixed oxy-combustion flames anchored over a perforated plate burner

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The authors like to highlight the following points:

1. Studying the effect of oxy-combustion on the stability of premixed flame.
2. Experimental study on oxy-combustion characteristics of premixed flames.
3. Effects of oxygen fraction on flammability limits are investigated.
4. Effects of equivalence ratios on flammability limits are investigated.
5. Flames visualizations in terms of length, appearance and color are reported.

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