

Publications by Jan van den Berg Related (or Indirectly Related) to Flameless Combustion

A search was conducted for publications by Jan van den Berg (and possible variants: J.W. van den Berg, J.-B. van den Berg) on the topic of flameless or MILD (Moderate or Intense Low-Oxygen Dilution) combustion. No direct, peer-reviewed publications were found specifically focused on flameless oxidation or HiTAC combustion, but several works were identified that touch on related combustion, environmental, and modeling aspects.

Relevant or Related Publications

- Van den Berg, J.W.; et al. (1997). Environmental Certification of Bottom Ashes from Coal Fired Power Plants and of Bottom Ashes from Municipal Waste Incineration. Focuses on environmental assessment of ash residues from combustion processes — not directly on flameless oxidation.
Link: <https://www.researchgate.net/scientific-contributions/J-W-van-den-Berg-2012928506>
- Van den Berg, J.W.; et al. (2000). The environmental quality of fly ashes from co-combustion. Studies ash composition and emissions from co-combustion systems; indirectly relevant for understanding combustion by-products.
Link: <https://www.researchgate.net/scientific-contributions/J-W-van-den-Berg-2012928506>
- Van den Berg, J.-B. (2010). Travelling waves in a radiation-combustion free-boundary model for flame propagation. *Combustion Theory and Modelling*. Mathematical modelling of combustion wave dynamics; explores radiative and reactive coupling in flame propagation. Not directly MILD combustion, but theoretically adjacent to the study of combustion regimes.
Link: <https://www.tandfonline.com/doi/abs/10.1080/13647830.2010.519051>

Summary

At present, there are no known direct publications by Jan van den Berg focused specifically on flameless oxidation, MILD combustion, or HiTAC burner technology. The publications found are primarily in environmental engineering and mathematical combustion modeling. If a deeper investigation (e.g., via Scopus or Web of Science) is performed, it may reveal additional or co-authored works in industrial combustion or NO_x-reduction fields.