

# Accepted Manuscript

Full Length Article

Numerical studies on supersonic spray combustion in high-temperature shear flows in scramjet combustor

Zhaoxin Ren, Bing Wang, Zheng Longxi, Zhao Dan

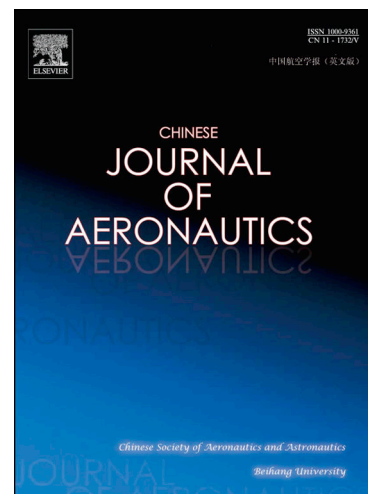
PII: S1000-9361(18)30232-2  
DOI: <https://doi.org/10.1016/j.cja.2018.06.020>  
Reference: CJA 1098

To appear in: *Chinese Journal of Aeronautics*

Received Date: 24 January 2018  
Revised Date: 12 March 2018  
Accepted Date: 15 April 2018

Please cite this article as: Z. Ren, B. Wang, Z. Longxi, Z. Dan, Numerical studies on supersonic spray combustion in high-temperature shear flows in scramjet combustor, *Chinese Journal of Aeronautics* (2018), doi: <https://doi.org/10.1016/j.cja.2018.06.020>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



# Numerical studies on supersonic spray combustion in high-temperature shear flows in scramjet combustor

Zhaoxin Ren<sup>a</sup>, Bing Wang<sup>b\*</sup>, Zheng Longxi<sup>a</sup>, Zhao Dan<sup>c</sup>

a School of Power and Energy, Northwestern Polytechnical University, Xi'an, 710072

b School of Aerospace Engineering, Tsinghua University, Beijing, 100084

c Department of Mechanical Engineering, College of Engineering, University of Canterbury,

Private Bag 4800, Christchurch 8140, New Zealand

\* the corresponding author:

Bing Wang, Tel. & Fax. +861062782154, Email: wbing@tsinghua.edu.cn

Download English Version:

<https://daneshyari.com/en/article/10226386>

Download Persian Version:

<https://daneshyari.com/article/10226386>

[Daneshyari.com](https://daneshyari.com)