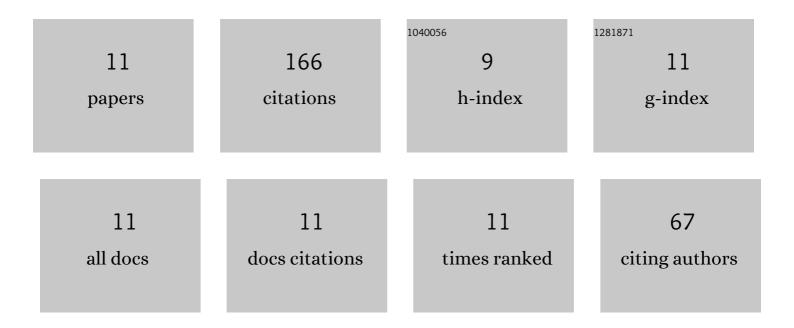
Dai Jian

List of Publications by Year in descending order

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DALLAN

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Mixing and combustion augmentation of the RBCC with different mixer configurations in ejector mode. Acta Astronautica, 2020, 174, 281-293. | 3.2 | 27 |
| 2 | Numerical investigation of cavity-induced enhanced supersonic mixing with inclined injection strategies. Acta Astronautica, 2021, 180, 630-638. | 3.2 | 25 |
| 3 | Combustion behaviors of GO2/GH2 swirl-coaxial injector using non-intrusive optical diagnostics. Acta Astronautica, 2016, 123, 246-256. | 3.2 | 18 |
| 4 | Experimental and numerical investigation of combustion characteristics on GO2/GH2 shear coaxial injector. Aerospace Science and Technology, 2018, 77, 725-732. | 4.8 | 18 |
| 5 | Effects of cavity-induced mixing enhancement under oblique shock wave interference: Numerical study. International Journal of Hydrogen Energy, 2021, 46, 35706-35717. | 7.1 | 16 |
| 6 | Numerical and experimental investigations of single-element and double-element injectors using gaseous oxygen/gaseous methane. Aerospace Science and Technology, 2018, 75, 24-34. | 4.8 | 14 |
| 7 | Numerical and experimental investigations of geometrical parameters on GH2/GO2 injector. Aerospace Science and Technology, 2020, 106, 106187. | 4.8 | 13 |
| 8 | Secondary fuel jet strategies on mixing enhancement performance of rocket-based combined cycle engine. Acta Astronautica, 2021, 178, 285-295. | 3.2 | 11 |
| 9 | Numerical study on the induced-ramp mixed and combustion characteristics of rocket-based combined cycle engine. Aerospace Science and Technology, 2021, 118, 107068. | 4.8 | 10 |
| 10 | A numerical study on flow structure and combustion mechanism of supersonic mixed inflow with transverse jet. Aerospace Science and Technology, 2021, 116, 106865. | 4.8 | 9 |
| 11 | Numerical investigation on mixing enhancement of the cavity with pulsed jets under oblique shock wave interference. Aerospace Science and Technology, 2022, 123, 107454 | 4.8 | 5 |