

Section VI: References

- Bonanni, M., Brouzet, D., Vignat, G., & Ihme, M. (2023). Examining Structural Inhomogeneities of Detonations in a Rotating Detonation Rocket Engine. *29th International Colloquium on the Dynamics of Explosions and Reactive Systems (ICDERS)*, 1–6.
<http://www.icders.org/ICDERS2023/abstracts/ICDERS2023-160.pdf>
- Goto, K., Nishimura, J., Kawasaki, A., Matsuoka, K., Kasahara, J., Matsuo, A., Funaki, I., Nakata, D., Uchiumi, M., & Kazuyuki Higashino, K. H. (2018). Experimental Propulsive Performance and Heating Environment of Rotating Detonation Engine with Various Throat Geometries. *Journal of Propulsion and Power*, *35*(1), 213–223.
<https://doi.org/10.2514/1.B37196>
- Koo, I.-H., Lee, K.-H., Kim, M.-S., Han, H.-S., Kim, H., & Choi, J.-Y. (2023). Effects of Injector Configuration on the Detonation Characteristics and Propulsion Performance of Rotating Detonation Engine (RDE). *Aerospace*, *10*(11), 949–949.
<https://doi.org/10.3390/aerospace10110949>
- Lei, Z., Yang, X., Ding, J., Weng, P., & Wang, X. (2020). Performance of rotating detonation engine with stratified injection. *Journal of Zhejiang University: Science A*, *21*(9), 734–744.
<https://doi.org/10.1631/jzus.A1900383>
- Liu, X.-Y., Cheng, M., Zhang, Y.-Z., & Wang, J.-P. (2022). Design and optimization of aerospike nozzle for rotating detonation engine. *Aerospace Science and Technology*, *120*(107300).
<https://doi.org/https://doi.org/10.1016/j.ast.2021.107300>
- Luan, Z., Huang, Y., Gao, S., & You, Y. (2022). Formation of multiple detonation waves in rotating detonation engines with inhomogeneous methane/oxygen mixtures under different equivalence ratios. *Combustion and Flame*, *241*(112091). Elsevier.
<https://doi.org/10.1016/j.combustflame.2022.112091>

- Prakash, S., Raman, V., Lietz, C. F., Hargus, Jr., W. A., & Schumaker, S. A. (2020). Numerical simulation of a methane-oxygen rotating detonation rocket engine. *Proceedings of the Combustion Institute*, 38(3), 3777–3786. Elsevier.
<https://doi.org/10.1016/j.proci.2020.06.288>
- Prakash, S., & Raman, V. (2019). Detonation Propagation through Inhomogeneous Fuel-air Mixtures. *27th International Colloquium on the Dynamics of Explosions and Reactive Systems (ICDERS)*.
- Ramanujachari, V., Roy, R. D., & Amrutha Preethi, P. (2022). Design and Analysis of Rotating Detonation Wave Engine [Review of Design and Analysis of Rotating Detonation Wave Engine]. *Proceedings of the National Aerospace Propulsion Conference*, 415–430.
https://doi.org/10.1007/978-981-19-2378-4_24
- Rodriguez, Alexander G. (2022). Thrust Augmentation of Rotating Detonation Rocket Engines. *Honors Undergraduate Theses*. 1194.
<https://stars.library.ucf.edu/honorstheses/1194>
- Sato, T., Chacon, F., White, L., Raman, V., & Gamba, M. (2020). Mixing and Detonation Structure in a Rotating Detonation Engine with an Axial Air Inlet. *Proceedings of the Combustion Institute*, 38(3), 3769–3776. Elsevier.
<https://doi.org/10.1016/j.proci.2020.06.283>
- Shaw, I. J., Kildare, J. A. C., Evans, M. J., Chinnici, A., Sparks, C. A. M., Rubaiyat, S. N. H., Chin, R. C., & Medwell, P. R. (2019). A Theoretical Review of Rotating Detonation Engines. *IntechOpen*.
<https://www.intechopen.com/chapters/70511>
- Zhu, Y., Wang, K., Wang, Z., Zhao, M., Jiao, Z., Wang, Y., & Fan, W. (2020). Study on the performance of a rotating detonation chamber with different aerospike nozzles. *Aerospace Science and Technology*, 107, 106338.