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## Combustion of Fuels

"An Experimental Study of RP-1, UDMH and  $N_2H_4$  Single-Droplet Burning in Air and in Oxygen"; "D. Reaction Kinetics"; "The Reaction of Diborane and Oxygen under Explosive and Pre-Explosive Conditions"; "Consideration of Hydrazine Decomposition"; "Detonability of Ozone and Nitric Oxide"; "Nonequilibrium Chemical Recombination Effects in Exhaust Nozzle Flow: An Approximate Method"; "Spectroscopic Techniques for the Determination of Flame Temperatures: Total Radiation Techniques"; "Production and Properties of Liquid Ozone and Liquid Ozone-Oxygen Mixtures, A Review"

"E. Propellant Selection"; "Liquid Propellant Comparison Based on Vehicle Performance"; "Comparative Applicability of Storable Propellants: Effects of Specific Impulse and Density"; "F. Rocket Engine Design"; "Investigation of a Gas-Driven Jet Pump for Rocket Engines"; "Analysis of Pressure Feasibility Limits in Regenerative Cooling of Combustion Chambers for Large-Thrust Rockets"; "Fabrication, Structural and Heat Transfer Considerations of Electroformed Rocket Nozzles"; "Design of Catalyst Packs for the Decomposition of Hydrogen Peroxide"; "Variable Thrust Rocket Engines"; "Starting Transients of Hypergolic Bipropellant Rockets"; "Analysis of a New Concept Rocket Nozzle"

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