

# Hyemin Kim

## List of Publications by Year in descending order

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9  
papers

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1307594

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1474206

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docs citations

9  
times ranked

131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaporation of a 1-Butanol Gel Fuel Droplet under Elevated Pressure Conditions. ACS Omega, 2022, 7, 8623-8632.	3.5	3
2	Combustion of a dilute carbon black/ethanol nanofuel droplet in elevated pressure conditions. Fuel, 2021, 292, 120376.	6.4	11
3	Plume IR characteristics of microturbine engine in various bypass ratios. Infrared Physics and Technology, 2021, 117, 103846.	2.9	5
4	The Viscosity and Combustion Characteristics of Single-Droplet Water-Diesel Emulsion. Energies, 2019, 12, 1963.	3.1	15
5	Evaporation of a single emulsion fuel droplet in elevated temperature and pressure conditions. Fuel, 2018, 226, 172-180.	6.4	30
6	Autoignition Behavior of an Ethanol-Methylcellulose Gel Droplet in a Hot Environment. Energies, 2018, 11, 2168.	3.1	7
7	Autoignition and combustion behavior of emulsion droplet under elevated temperature and pressure conditions. Energy, 2018, 163, 800-810.	8.8	25
8	Combustion of a single emulsion fuel droplet in a rapid compression machine. Energy, 2016, 106, 422-430.	8.8	29
9	A single n-heptane droplet behavior in rapid compression machine. International Journal of Heat and Mass Transfer, 2014, 69, 247-255.	4.8	18