

Sean P Cooper

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

121
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1683934

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1281743

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#	ARTICLE	IF	CITATIONS
1	Shock-tube spectroscopic CO and H ₂ O measurements during 2-methyl-1-butene combustion and chemical kinetics modeling. <i>Combustion and Flame</i> , 2022, 238, 111919.	2.8	8
2	Assessing NO ₂ -Hydrocarbon Interactions during Combustion of NO ₂ /Alkane/Ar Mixtures in a Shock Tube Using CO Time Histories. <i>Fuels</i> , 2022, 3, 1-14.	1.3	3
3	A Shock-Tube and Chemical Kinetics Model Investigation Encompassing all Five Pentene Isomers. <i>Fuel</i> , 2022, 323, 124223.	3.4	4
4	Isopropanol dehydration reaction rate kinetics measurement using H ₂ O time histories. <i>International Journal of Chemical Kinetics</i> , 2021, 53, 536-547.	1.0	4
5	Auto-Ignition of Gas Turbine Lubricating Oils in a Shock Tube Using Spray Injection. <i>Journal of Engineering for Gas Turbines and Power</i> , 2021, 143, .	0.5	1
6	High-temperature ignition behavior of conventional and GTL fuels using an aerosol shock tube. <i>Combustion and Flame</i> , 2021, 226, 490-504.	2.8	4
7	High-Temperature Ignition Kinetics of Gas Turbine Lubricating Oils. <i>Journal of Engineering for Gas Turbines and Power</i> , 2021, 143, .	0.5	2
8	A comprehensive experimental and kinetic modeling study of 1-hexene. <i>Combustion and Flame</i> , 2021, 232, 111516.	2.8	13
9	An Experimental Kinetics Study of Isopropanol Pyrolysis and Oxidation behind Reflected Shock Waves. <i>Energies</i> , 2021, 14, 6808.	1.6	8
10	High-pressure ignition delay time measurements of a four-component gasoline surrogate and its high-level blends with ethanol and methyl acetate. <i>Fuel</i> , 2020, 275, 118016.	3.4	19
11	Impact of shock-tube facility-dependent effects on incident- and reflected-shock conditions over a wide range of pressures and Mach numbers. <i>Combustion and Flame</i> , 2020, 217, 200-211.	2.8	46
12	CH Kinetics Measurements and Their Importance for Modeling Prompt NO _x Formation in Gas Turbines. <i>Journal of Engineering for Gas Turbines and Power</i> , 2020, 142, .	0.5	5
13	Dalton's and Amagat's laws fail in gas mixtures with shock propagation. <i>Science Advances</i> , 2019, 5, eaax4749.	4.7	2
14	CH Kinetics Measurements and Their Importance for Modeling Prompt NO _x Formation in Gas Turbines. , 2019, , .		2