

Sean P Cooper

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4886543/publications.pdf>

Version: 2024-02-01

14
papers

121
citations

1683934

5
h-index

1281743

11
g-index

14
all docs

14
docs citations

14
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	A comprehensive experimental and kinetic modeling study of 1-hexene. <i>Combustion and Flame</i> , 2021, 232, 111516.	2.8	13
4	An Experimental Kinetics Study of Isopropanol Pyrolysis and Oxidation behind Reflected Shock Waves. <i>Energies</i> , 2021, 14, 6808.	1.6	8
5	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
6	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
7	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
8	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
9	A Shock-Tube and Chemical Kinetics Model Investigation Encompassing all Five Pentene Isomers. <i>Fuel</i> , 2022, 323, 124223.	3.4	4
10	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
11	Dalton's and Amagat's laws fail in gas mixtures with shock propagation. <i>Science Advances</i> , 2019, 5, eaax4749.	4.7	2
12	High-Temperature Ignition Kinetics of Gas Turbine Lubricating Oils. <i>Journal of Engineering for Gas Turbines and Power</i> , 2021, 143, .	0.5	2
13	CH Kinetics Measurements and Their Importance for Modeling Prompt NO _x Formation in Gas Turbines. , 2019, , .		2
14	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