

Georg Eckel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5708836/publications.pdf>

Version: 2024-02-01

8
papers

118
citations

1478505

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1588992

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8
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149
citing authors

#	ARTICLE	IF	CITATIONS
1	LES of a swirl-stabilized kerosene spray flame with a multi-component vaporization model and detailed chemistry. <i>Combustion and Flame</i> , 2019, 207, 134-152.	5.2	41
2	Entrained flow gasification. Part 3: Insight into the injector near-field by Large Eddy Simulation with detailed chemistry. <i>Fuel</i> , 2018, 223, 164-178.	6.4	22
3	Investigation of BAM: $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Eu} \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 23, \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle 10$ particles as a tracer for temperature imaging in flames. <i>Combustion and Flame</i> , 2017, 184, 249-251.	2.1	10
4	Non-intrusive uncertainty quantification in the simulation of turbulent spray combustion using Polynomial Chaos Expansion: A case study. <i>Combustion and Flame</i> , 2020, 213, 26-38.	5.2	14
5	Infrared absorption spectrometer for the determination of temperature and species profiles in an entrained flow gasifier. <i>Applied Optics</i> , 2017, 56, 2982.	2.1	10
6	Synthetische flüssige Kohlenwasserstoffe aus erneuerbaren Energien – Ergebnisse der Helmholtz Energieallianz. <i>Chemie-Ingenieur-Technik</i> , 2017, 89, 274-288.	0.8	9
7	SEMI-EMPIRICAL MODEL FOR THE UNSTEADY SHEAR BREAKUP OF LIQUID JETS IN CROSS-FLOW. <i>Atomization and Sprays</i> , 2016, 26, 687-712.	0.8	4
8	Greener aromatic antioxidants for aviation and beyond. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2153-2163.	4.9	4