

Nicole J Labbe

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

357
citations

1163117

8
h-index

1199594

12
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12
all docs

12
docs citations

12
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	Combustion chemistry in the twenty-first century: Developing theory-informed chemical kinetics models. <i>Progress in Energy and Combustion Science</i> , 2021, 83, 100886.	31.2	89
2	Combustion chemistry and fuel-nitrogen conversion in a laminar premixed flame of morpholine as a model biofuel. <i>Combustion and Flame</i> , 2011, 158, 1647-1666.	5.2	64
3	Weakly Bound Free Radicals in Combustion: Prompt Dissociation of Formyl Radicals and Its Effect on Laminar Flame Speeds. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 85-89.	4.6	63
4	Ramifications of including non-equilibrium effects for HCO in flame chemistry. <i>Proceedings of the Combustion Institute</i> , 2017, 36, 525-532.	3.9	36
5	The role of radical + fuel-radical well-skipping reactions in ethanol and methylformate low-pressure flames. <i>Proceedings of the Combustion Institute</i> , 2015, 35, 447-455.	3.9	30
6	Direct Measurements of Rate Constants for the Reactions of CH ₃ Radicals with C ₂ H ₆ , C ₂ H ₄ , and C ₂ H ₂ at High Temperatures. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10228-10238.	2.5	23
7	Flame chemistry of tetrahydropyran as a model heteroatomic biofuel. <i>Proceedings of the Combustion Institute</i> , 2013, 34, 259-267.	3.9	20
8	Shock tube measurements and model development for morpholine pyrolysis and oxidation at high pressures. <i>Combustion and Flame</i> , 2013, 160, 1559-1571.	5.2	12
9	Detection of the keto-enol tautomerization in acetaldehyde, acetone, cyclohexanone, and methyl vinyl ketone with a novel VUV light source. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 1737-1744.	3.9	7
10	Insights on keto-hydroperoxide formation from O ₂ addition to the beta-tetrahydrofuran radical. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 533-541.	3.9	5
11	Diol isomer revealed as a source of methyl ketene from propionic acid unimolecular decomposition. <i>International Journal of Chemical Kinetics</i> , 2021, 53, 1272-1284.	1.6	4
12	Probing the low-temperature chemistry of methyl hexanoate: Insights from oxygenate intermediates. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 621-629.	3.9	4