Nicole J Labbe

List of Publications by Year
in descending order

12	357	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	362
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insights on keto-hydroperoxide formation from O2 addition to the beta-tetrahydrofuran radical. Proceedings of the Combustion Institute, 2021, 38, 533-541.	3.9	5
2	Detection of the keto-enol tautomerization in acetaldehyde, acetone, cyclohexanone, and methyl vinyl ketone with a novel VUV light source. Proceedings of the Combustion Institute, 2021, 38, 1737-1744.	3.9	7
3	Combustion chemistry in the twenty-first century: Developing theory-informed chemical kinetics models. Progress in Energy and Combustion Science, 2021, 83, 100886.	31.2	89
4	Diol isomer revealed as a source of methyl ketene from propionic acid unimolecular decomposition. International Journal of Chemical Kinetics, 2021, 53, 1272-1284.	1.6	4
5	Probing the low-temperature chemistry of methyl hexanoate: Insights from oxygenate intermediates. Proceedings of the Combustion Institute, 2021, 38, 621-629.	3.9	4
6	Ramifications of including non-equilibrium effects for HCO in flame chemistry. Proceedings of the Combustion Institute, 2017, 36, 525-532.	3.9	36
7	Weakly Bound Free Radicals in Combustion: â€œPromptâ€•Dissociation of Formyl Radicals and Its Effect on Laminar Flame Speeds. Journal of Physical Chemistry Letters, 2016, 7, 85-89.	4.6	63
8	The role of radical + fuel-radical well-skipping reactions in ethanol and methylformate low-pressure flames. Proceedings of the Combustion Institute, 2015, 35, 447-455.	3.9	30
9	Direct Measurements of Rate Constants for the Reactions of CH₃ Radicals with C₂H₆, C₂H₄, and C₂H₂ at High Temperatures. Journal of Physical Chemistry A, 2013, 117, 10228-10238.	2.5	23
10	Flame chemistry of tetrahydropyran as a model heteroatomic biofuel. Proceedings of the Combustion Institute, 2013, 34, 259-267.	3.9	20
11	Shock tube measurements and model development for morpholine pyrolysis and oxidation at high pressures. Combustion and Flame, 2013, 160, 1559-1571.	5.2	12
12	Combustion chemistry and fuel-nitrogen conversion in a laminar premixed flame of morpholine as a model biofuel. Combustion and Flame, 2011, 158, 1647-1666.	5.2	64