

Ulrich Niemann

List of Publications by Year in descending order

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15
papers

1,293
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1088
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive chemical kinetic modeling of the oxidation of 2-methylalkanes from C7 to C20. <i>Combustion and Flame</i> , 2011, 158, 2338-2357.	5.2	466
2	An experimental and kinetic modeling study of combustion of isomers of butanol. <i>Combustion and Flame</i> , 2010, 157, 2137-2154.	5.2	224
3	An experimental and kinetic modeling study of n-propanol and iso-propanol combustion. <i>Combustion and Flame</i> , 2010, 157, 2-16.	5.2	157
4	Experimental and kinetic modeling study of extinction and ignition of methyl decanoate in laminar non-premixed flows. <i>Proceedings of the Combustion Institute</i> , 2009, 32, 1067-1074.	3.9	128
5	Experimental and kinetic modeling study of combustion of gasoline, its surrogates and components in laminar non-premixed flows. <i>Proceedings of the Combustion Institute</i> , 2009, 32, 493-500.	3.9	77
6	Accuracies of laminar counterflow flame experiments. <i>Combustion and Flame</i> , 2015, 162, 1540-1549.	5.2	67
7	A counterflow diffusion flame study of branched octane isomers. <i>Proceedings of the Combustion Institute</i> , 2013, 34, 1015-1023.	3.9	44
8	Experimental and kinetic modeling study of combustion of JP-8, its surrogates and components in laminar premixed flows. <i>Combustion Theory and Modelling</i> , 2011, 15, 569-583.	1.9	32
9	Methane, ethane, and ethylene laminar counterflow diffusion flames at elevated pressures: Experimental and computational investigations up to 2.0MPa. <i>Combustion and Flame</i> , 2014, 161, 138-146.	5.2	32
10	Effects of Substitution on Counterflow Ignition and Extinction of C3 and C4 Alcohols. <i>Energy & Fuels</i> , 2016, 30, 6091-6097.	5.1	19
11	Ignition and extinction of low molecular weight esters in nonpremixed flows. <i>Combustion Theory and Modelling</i> , 2010, 14, 875-891.	1.9	18
12	Kinetic modelling of extinction and autoignition of condensed hydrocarbon fuels in non-premixed flows with comparison to experiment. <i>Combustion and Flame</i> , 2012, 159, 130-141.	5.2	14
13	Effect of addition of a non-equidiffusional reactant to an equidiffusional diffusion flame. <i>Combustion Theory and Modelling</i> , 2013, 17, 563-576.	1.9	10
14	Autoignition of condensed hydrocarbon fuels in non-premixed flows at elevated pressures. <i>Combustion Theory and Modelling</i> , 2016, 20, 995-1009.	1.9	3
15	Nonpremixed and Premixed Combustion of Mixtures of Producer Gas and Methane. <i>Zeitschrift Fur Physikalische Chemie</i> , 2015, 229, 811-831.	2.8	2