

# Pascal Dievart

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,135  
citations

567281

15  
h-index

610901

24  
g-index

28  
all docs

28  
docs citations

28  
times ranked

888  
citing authors

#	ARTICLE	IF	CITATIONS
1	An updated empirical correlation formalism for laminar flame speeds: Application to a TRFE gasoline surrogate in highly diluted conditions. <i>Fuel</i> , 2022, 324, 124682.	6.4	3
2	Theoretical Reassessment and Model Validation of Some Kinetic Parameters Relevant to Si/Cl/H Systems. <i>Journal of Physical Chemistry A</i> , 2021, 125, 2446-2459.	2.5	4
3	Contributions of Experimental Data Obtained in Concentrated Mixtures to Kinetic Studies: Application to Monomethylhydrazine Pyrolysis. <i>Journal of Physical Chemistry A</i> , 2020, 124, 6214-6236.	2.5	12
4	Combustion of synthetic jet fuels: Naphthenic cut and blend with a gas-to-liquid (GtL) jet fuel. <i>Proceedings of the Combustion Institute</i> , 2017, 36, 433-440.	3.9	11
5	An experimental study in a jet-stirred reactor and a comprehensive kinetic mechanism for the oxidation of methyl ethyl ketone. <i>Proceedings of the Combustion Institute</i> , 2017, 36, 459-467.	3.9	40
6	Experimental and Modeling Study of the Combustion of Synthetic Jet Fuels: Naphtenic Cut and Blend With a GtL Jet Fuel. , 2016, , .		0
7	Quantitative measurements of HO <sub>2</sub> /H <sub>2</sub> O <sub>2</sub> and intermediate species in low and intermediate temperature oxidation of dimethyl ether. <i>Proceedings of the Combustion Institute</i> , 2015, 35, 457-464.	3.9	61
8	Self-sustaining n-heptane cool diffusion flames activated by ozone. <i>Proceedings of the Combustion Institute</i> , 2015, 35, 881-888.	3.9	118
9	Detection and Identification of the Keto-Hydroperoxide (HOOCH <sub>2</sub> OCHO) and Other Intermediates during Low-Temperature Oxidation of Dimethyl Ether. <i>Journal of Physical Chemistry A</i> , 2015, 119, 7361-7374.	2.5	143
10	Kinetics of Oxidation of a 100% Gas-to-Liquid Synthetic Jet Fuel and a Mixture GtL/1-Hexanol in a Jet-Stirred Reactor: Experimental and Modeling Study. <i>Journal of Engineering for Gas Turbines and Power</i> , 2015, 137, .	1.1	8
11	Combustion of a Gas-to-Liquid-Based Alternative Jet Fuel: Experimental and Detailed Kinetic Modeling. <i>Combustion Science and Technology</i> , 2014, 186, 1275-1283.	2.3	8
12	Experimental and detailed kinetic model for the oxidation of a Gas to Liquid (GtL) jet fuel. <i>Combustion and Flame</i> , 2014, 161, 835-847.	5.2	111
13	Importance of a Cycloalkane Functionality in the Oxidation of a Real Fuel. <i>Energy &amp; Fuels</i> , 2014, 28, 7649-7661.	5.1	44
14	Experimental Study of the Oxidation of <i>N</i> -Tetradecane in a Jet-Stirred Reactor (JSR) and Detailed Chemical Kinetic Modeling. <i>Combustion Science and Technology</i> , 2014, 186, 594-606.	2.3	9
15	Kinetics of Oxidation of a 100% Gas-to-Liquid Synthetic Jet Fuel and a Mixture GTL/1-Hexanol in a Jet-Stirred Reactor: Experimental and Modeling Study. , 2014, , .		0
16	A comparative study of the chemical kinetic characteristics of small methyl esters in diffusion flame extinction. <i>Proceedings of the Combustion Institute</i> , 2013, 34, 821-829.	3.9	78
17	The combustion properties of 1,3,5-trimethylbenzene and a kinetic model. <i>Fuel</i> , 2013, 109, 125-136.	6.4	41
18	A Comparative Study of the Kinetics of Ethyl and Methyl Esters in Diffusion Flame Extinction. , 2013, , .		0

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19	Kinetics of Oxidation of a Reformulated Jet Fuel (1-Hexanol/Jet A-1) in a Jet-Stirred Reactor: Experimental and Modeling Study. <i>Combustion Science and Technology</i> , 2012, 184, 1039-1050.	2.3	11
20	Measurements and Modeling of the Laminar Flame Speeds of n-Propyl and 1,3,5-TriMethyl Benzenes at Moderate Pressures. , 2012, , .		0
21	A kinetic model for methyl decanoate combustion. <i>Combustion and Flame</i> , 2012, 159, 1793-1805.	5.2	82
22	The oxidation of n-butylbenzene: Experimental study in a JSR at 10atm and detailed chemical kinetic modeling. <i>Proceedings of the Combustion Institute</i> , 2011, 33, 209-216.	3.9	39
23	Kinetics of Oxidation of a Synthetic Jet Fuel in a Jet-Stirred Reactor: Experimental and Modeling Study. <i>Energy &amp; Fuels</i> , 2010, 24, 4904-4911.	5.1	37
24	Kinetics of Oxidation of Commercial and Surrogate Diesel Fuels in a Jet-Stirred Reactor: Experimental and Modeling Studies. <i>Energy &amp; Fuels</i> , 2010, 24, 1668-1676.	5.1	58
25	Experimental and Detailed Kinetic Modeling Study of 1-Hexanol Oxidation in a Pressurized Jet-Stirred Reactor and a Combustion Bomb. <i>Energy &amp; Fuels</i> , 2010, 24, 5859-5875.	5.1	52
26	Improved optimization of polycyclic aromatic hydrocarbons (PAHs) mixtures resolution in reversed-phase high-performance liquid chromatography by using factorial design and response surface methodology. <i>Talanta</i> , 2010, 81, 265-274.	5.5	18
27	Experimental and chemical kinetic modeling study of small methyl esters oxidation: Methyl (E)-2-butenate and methyl butanoate. <i>Combustion and Flame</i> , 2008, 155, 635-650.	5.2	143
28	Tropospheric multiphase chemistry of 2,5- and 2,6-dimethylphenols: determination of the mass accommodation coefficients and the Henry's law constants. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 1714.	2.8	4