

Sandro Gail

List of Publications by Year in descending order

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561
citing authors

#	ARTICLE	IF	CITATIONS
1	Explicit Equations for Designing Surrogate Gasoline Formulations Containing Toluene, n-Heptane and Iso-pentane. <i>Energy, Environment, and Sustainability</i> , 2022, , 351-367.	1.0	0
2	THIP: A new TPRF-like fuel surrogate development approach to better match real fuel properties. <i>Fuel</i> , 2021, 286, 119395.	6.4	9
3	Exploring pyrolysis and oxidation chemistry of o-xylene at various pressures with special concerns on PAH formation. <i>Combustion and Flame</i> , 2021, 228, 351-363.	5.2	21
4	Evaluating a novel gasoline surrogate containing isopentane using a rapid compression machine and an engine. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 5643-5653.	3.9	4
5	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
6	Experimental and Kinetic Modeling Study of the Oxidation of Methyl Hexanoate. <i>Energy & Fuels</i> , 2008, 22, 1469-1479.	5.1	94
7	Kinetics of 1,2-Dimethylbenzene Oxidation and Ignition: Experimental and Detailed Chemical Kinetic Modeling. <i>Combustion Science and Technology</i> , 2008, 180, 1748-1771.	2.3	32
8	OXIDATION OF m-XYLENE IN A JSR: EXPERIMENTAL STUDY AND DETAILED CHEMICAL KINETIC MODELING. <i>Combustion Science and Technology</i> , 2007, 179, 813-844.	2.3	39
9	Chemical Kinetic Study of the Effect of a Biofuel Additive on Jet-A1 Combustion. <i>Journal of Physical Chemistry A</i> , 2007, 111, 3992-4000.	2.5	72
10	The oxidation of a diesel fuel at 10atm: Experimental study in a JSR and detailed chemical kinetic modeling. <i>Proceedings of the Combustion Institute</i> , 2007, 31, 2939-2946.	3.9	65
11	Kinetics of 1-hexene oxidation in a JSR and a shock tube: Experimental and modeling study. <i>Combustion and Flame</i> , 2006, 147, 67-78.	5.2	55
12	Experimental kinetic study of the oxidation of -xylene in a JSR and comprehensive detailed chemical kinetic modeling. <i>Combustion and Flame</i> , 2005, 141, 281-297.	5.2	68
13	Anharmonic thermochemistry of cyclopentadiene derivatives. <i>International Journal of Chemical Kinetics</i> , 2003, 35, 453-463.	1.6	16
14	Evaluation of Fischer-Tropsch Fuel Performance in Advanced Diesel Common Rail FIE. , 0, , .		3
15	Internal Fuel Injector Deposits. <i>SAE International Journal of Fuels and Lubricants</i> , 0, 5, 132-145.	0.2	44
16	Fuel Quality and Diesel Injector Deposits. <i>SAE International Journal of Fuels and Lubricants</i> , 0, 5, 1187-1198.	0.2	52
17	Use of a Laboratory Scale Test to Study Internal Diesel Injector Deposits. , 0, , .		8
18	An Intake Valve Deposit (IVD) Engine Test Development to Investigate Deposit Build-Up Mechanism Using a Real Engine. <i>SAE International Journal of Fuels and Lubricants</i> , 0, 10, .	0.2	2