Sandro Gail

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1049617/publications.pdf

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18	727	933447	1199594
papers	citations	10 h-index	12 g-index

18	18	18	561
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental and chemical kinetic modeling study of small methyl esters oxidation: Methyl (E)-2-butenoate and methyl butanoate. Combustion and Flame, 2008, 155, 635-650.	5.2	143
2	Experimental and Kinetic Modeling Study of the Oxidation of Methyl Hexanoate. Energy & Fuels, 2008, 22, 1469-1479.	5.1	94
3	Chemical Kinetic Study of the Effect of a Biofuel Additive on Jet-A1 Combustion. Journal of Physical Chemistry A, 2007, 111, 3992-4000.	2.5	72
4	Experimental kinetic study of the oxidation of -xylene in a JSR and comprehensive detailed chemical kinetic modeling. Combustion and Flame, 2005, 141, 281-297.	5.2	68
5	The oxidation of a diesel fuel at 1â€“10atm: Experimental study in a JSR and detailed chemical kinetic modeling. Proceedings of the Combustion Institute, 2007, 31, 2939-2946.	3.9	65
6	Kinetics of 1-hexene oxidation in a JSR and a shock tube: Experimental and modeling study. Combustion and Flame, 2006, 147, 67-78.	5.2	55
7	Fuel Quality and Diesel Injector Deposits. SAE International Journal of Fuels and Lubricants, 0, 5, 1187-1198.	0.2	52
8	Internal Fuel Injector Deposits. SAE International Journal of Fuels and Lubricants, 0, 5, 132-145.	0.2	44
9	OXIDATION OF m-XYLENE IN A JSR: EXPERIMENTAL STUDY AND DETAILED CHEMICAL KINETIC MODELING. Combustion Science and Technology, 2007, 179, 813-844.	2.3	39
10	Kinetics of 1,2-Dimethylbenzene Oxidation and Ignition: Experimental and Detailed Chemical Kinetic Modeling. Combustion Science and Technology, 2008, 180, 1748-1771.	2.3	32
11	Exploring pyrolysis and oxidation chemistry of o-xylene at various pressures with special concerns on PAH formation. Combustion and Flame, 2021, 228, 351-363.	5.2	21
12	Anharmonic thermochemistry of cyclopentadiene derivatives. International Journal of Chemical Kinetics, 2003, 35, 453-463.	1.6	16
13	THIP: A new TPRF-like fuel surrogate development approach to better match real fuel properties. Fuel, 2021, 286, 119395.	6.4	9
14	Use of a Laboratory Scale Test to Study Internal Diesel Injector Deposits. , 0, , .		8
15	Evaluating a novel gasoline surrogate containing isopentane using a rapid compression machine and an engine. Proceedings of the Combustion Institute, 2021, 38, 5643-5653.	3.9	4
16	Evaluation of Fischer-Tropsch Fuel Performance in Advanced Diesel Common Rail FIE. , 0, , .		3
17	An Intake Valve Deposit (IVD) Engine Test Development to Investigate Deposit Build-Up Mechanism Using a Real Engine. SAE International Journal of Fuels and Lubricants, 0, 10, .	0.2	2
18	Explicit Equations for Designing Surrogate Gasoline Formulations Containing Toluene, n-Heptane and Iso-pentane. Energy, Environment, and Sustainability, 2022, , 351-367.	1.0	0