Frank Markert

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3063908/publications.pdf

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		759233	794594
20	344	12	19
papers	citations	h-index	g-index

20	20	20	315
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Safety aspects of future infrastructure scenarios with hydrogen refuelling stations. International Journal of Hydrogen Energy, 2007, 32, 2227-2234.	7.1	53
2	UV spectra and kinetics of radicals produced in the gas phase reactions of Cl, F and OH with toluene. Chemical Physics Letters, 1993, 209, 445-454.	2.6	40
3	Assessment of technologies for disposing explosive waste. Journal of Hazardous Materials, 2002, 90, 137-153.	12.4	34
4	Combustion products generated by hetero-organic fuels on four different fire test scales. Fire Safety Journal, 2005, 40, 439-465.	3.1	29
5	Risk and sustainability analysis of complex hydrogen infrastructures. International Journal of Hydrogen Energy, 2017, 42, 7698-7706.	7.1	28
6	Safety-barrier diagrams as a tool for modelling safety of hydrogen applications. International Journal of Hydrogen Energy, 2009, 34, 5862-5868.	7.1	24
7	Experimental study of heat exhaust efficiency with natural ventilation in tunnel fire: Impact of shaft height and heat release rate. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 201, 104173.	3.9	24
8	Achievements of the EC network of excellence HySafe. International Journal of Hydrogen Energy, 2011, 36, 2656-2665.	7.1	19
9	The reactions of OH radicals with chloroalkanes in the temperature range 295â€“360 K. Chemical Physics Letters, 1992, 194, 123-127.	2.6	14
10	Study on the effect of tunnel dimensions on the smoke layer thickness in naturally ventilated short tunnel fires. Tunnelling and Underground Space Technology, 2021, 112, 103941.	6.2	13
11	Assessment and mitigation of the consequences of fires in chemical warehouses. Safety Science, 1998, 30, 33-44.	4.9	12
12	Numerical analysis of accidental hydrogen releases from high pressure storage at low temperatures. International Journal of Hydrogen Energy, 2014, 39, 7356-7364.	7.1	12
13	Rate constants for the reaction of OH radicals with 1-chloroalkanes at 295 K. Chemical Physics Letters, 1992, 189, 171-174.	2.6	10
14	Prediction of the failure probability of the overhead power line exposed to large-scale jet fires induced by high-pressure gas leakage. International Journal of Hydrogen Energy, 2021, 46, 2413-2431.	7.1	10
15	Airborne releases from fires involving chemical wasteâ€”A multidisciplinary case study. Journal of Hazardous Materials, 1998, 57, 259-275.	12.4	7
16	The necessity of accelerated ageing in fire performance assessments of composite materials. Safety Science, 2021, 141, 105358.	4.9	5
17	Airbag for the closing of pipelines on explosions and leakages. Journal of Loss Prevention in the Process Industries, 2007, 20, 589-598.	3.3	4
18	Ceiling jet velocity during the whole process of fire development in a tunnel. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 212, 104588.	3.9	4

#	Article	IF	Citations
19	SAFETYNET â€" a European network for process safety. Journal of Hazardous Materials, 2001, 87, 1-10.	12.4	1
20	Thermogravimetric analysis, differential scanning calorimetry and time-to-ignition of wood materials treated with water glass flame retardants. Wood Research, 2021, 66, 15-26.	0.6	1