

Klaus-Dieter Wehrstedt

List of Publications by Year in descending order

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9
papers

107
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal radiation of di-tert-butyl peroxide pool fires – Experimental investigation and CFD simulation. Journal of Hazardous Materials, 2009, 167, 105-113.	12.4	26
2	Thermal radiation assessment of fireballs using infrared camera. Journal of Loss Prevention in the Process Industries, 2018, 54, 246-253.	3.3	16
3	Decomposition effects on the mass burning rate of organic peroxide pool fires. Journal of Loss Prevention in the Process Industries, 2012, 25, 224-226.	3.3	14
4	Boiling Liquid Expanding Vapour Explosion (BLEVE) of Peroxy-fuels: Experiments and Computational Fluid Dynamics (CFD) Simulation. Energy Procedia, 2015, 66, 149-152.	1.8	14
5	Heat transfer to bodies engulfed in di-tert-butyl peroxide pool fires - Numerical simulations. Journal of Loss Prevention in the Process Industries, 2016, 44, 204-211.	3.3	10
6	Mass Burning Rates of Di-tert-butyl Peroxide Pool Fires – Experimental Study and Modeling. Combustion Science and Technology, 2013, 185, 408-419.	2.3	9
7	UN-GHS – Physical hazard classifications of chemicals: A critical review of combinations of hazard classes. Journal of Chemical Health and Safety, 2017, 24, 15-28.	2.1	7
8	The capability of commercial CFD code to predict organic peroxide fireball characteristics. Journal of Hazardous Materials, 2019, 365, 386-394.	12.4	6
9	A new model for organic peroxide fireballs. Journal of Loss Prevention in the Process Industries, 2017, 50, 237-242.	3.3	5