Torgrim Log

List of Publications by Year
in descending order

39 papers	388 citations	759190 12 h-index	888047 17 g-index
42 all docs	42 docs citations	42 times ranked	223 citing authors

#	Article	IF	Citations
1	Thermal conductivity measurements using a short transient hotâ€strip method. Review of Scientific Instruments, 1992, 63, 3966-3971.	1.3	29
2	Ethanol and Methanol Burn Risks in the Home Environment. International Journal of Environmental Research and Public Health, 2018, 15, 2379.	2.6	25
3	Cold Climate Fire Risk; A Case Study of the LÃ¦rdalsÃ¸yri Fire, January 2014. Fire Technology, 2016, 52, 1825-1843.	3.0	24
4	Water droplets evaporating on horizontal semi-infinite solids at room temperature. Applied Thermal Engineering, 2016, 93, 214-222.	6.0	24
5	Simple and Inexpensive Flash Technique for Determining Thermal Diffusivity of Ceramics. Journal of the American Ceramic Society, 1991, 74, 941-944.	3.8	23
6	Unmanaged heathland â€" A fire risk in subzero temperatures?. Fire Safety Journal, 2017, 90, 62-71.	3.1	22
7	Using non-linear Ï‡2 fit in flash method. International Journal of Heat and Mass Transfer, 1995, 38, 2885-2891.	4.8	15
8	Constructing third-order derivative-free iterative methods. International Journal of Computer Mathematics, 2011, 88, 1509-1518.	1.8	15
9	Tunnel Fire Dynamics as a Function of Longitudinal Ventilation Air Oxygen Content. Sustainability, 2019, 11, 203.	3.2	14
10	Transient Hot-Strip Method for Simultaneous Determination of Thermal Conductivity and Thermal Diffusivity of Refractory Materials. Journal of the American Ceramic Society, 1991, 74, 650-653.	3.8	13
11	Modeling Indoor Relative Humidity and Wood Moisture Content as a Proxy for Wooden Home Fire Risk. Sensors, 2019, 19, 5050.	3.8	13
12	Indoor relative humidity as a fire risk indicator. Building and Environment, 2017, 111, 238-248.	6.9	12
13	Water mist' for fire protection of historic buildings and museums. Museum Management and Curatorship, 1995, 14, 283-298.	1.4	11
14	Experience gained from 15Â years of fire protection plans for Nordic wooden towns in Norway. Safety Science, 2022, 146, 105535.	4.9	11
15	Modeling Skin Injury from Hot Spills on Clothing. International Journal of Environmental Research and Public Health, 2017, 14, 1374.	2.6	10
16	Modeling Drying of Degenerated Calluna vulgaris for Wildfire and Prescribed Burning Risk Assessment. Forests, 2020, 11, 759.	2.1	10
17	Reducing Wooden Structure and Wildland-Urban Interface Fire Disaster Risk through Dynamic Risk Assessment and Management. Applied System Innovation, 2020, 3, 16.	4.6	10
18	Derivative free algorithm for solving nonlinear equations. Computing (Vienna/New York), 2011, 92, 169-179.	4.8	9

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19	Skin temperatures of a pre-cooled wet person exposed to engulfing flames. Fire Safety Journal, 2017, 89, 1-6.	3.1	8
20	Cold Climate Structural Fire Danger Rating System?. Challenges, 2018, 9, 12.	1.7	8
21	Influence of Acetone and Sodium Chloride Additives on Cooling Efficiency of Water Droplets Impinging onto Hot Metal Surfaces. Energies, 2019, 12, 2358.	3.1	8
22	Temperatures of restricted turbulent fire plumes. Fire Safety Journal, 1998, 31, 101-115.	3.1	6
23	Optical Gas Imaging (OGI) as a Moderator for Interdisciplinary Cooperation, Reduced Emissions and Increased Safety. Energies, 2019, 12, 1454.	3.1	6
24	Numerical Investigation of the Required Quantity of Inert Gas Agents in Fire Suppression Systems. Energies, 2020, 13, 2536.	3.1	6
25	Study of Heathland Succession, Prescribed Burning, and Future Perspectives at KringsjÃ¥, Norway. Land, 2020, 9, 485.	2.9	6
26	Study of Industrial Grade Thermal Insulation at Elevated Temperatures. Materials, 2020, 13, 4613.	2.9	6
27	?Water mist? for fire protection of historic buildings and museums. The International Journal of Museum Management and Curatorship, 1995, 14, 283-298.	0.0	5
28	Modeling Skin Injury from Hot Rice Porridge Spills. International Journal of Environmental Research and Public Health, 2018, 15, 808.	2.6	5
29	A Fire Revealing Coastal Norwayâ€™s Wildlandâ€“Urban Interface Challenges and Possible Low-Cost Sustainable Solutions. International Journal of Environmental Research and Public Health, 2022, 19, 3038.	2.6	5
30	Modeling Burns for Pre-Cooled Skin Flame Exposure. International Journal of Environmental Research and Public Health, 2017, 14, 1024.	2.6	4
31	Health Impacts of Climate Change-Induced Subzero Temperature Fires. International Journal of Environmental Research and Public Health, 2017, 14, 814.	2.6	4
32	Consumer Grade Weather Stations for Wooden Structure Fire Risk Assessment. Sensors, 2018, 18, 3244.	3.8	4
33	A Common Risk Classification Concept for Safety Related Gas Leaks and Fugitive Emissions?. Energies, 2019, 12, 4063.	3.1	4
34	Small Scale Hydrocarbon Fire Test Concept. Technologies, 2017, 5, 72.	5.1	3
35	Study of Industrial Grade Thermal Insulation as Passive Fire Protection up to 1200 Â°C. Safety, 2018, 4, 41.	1.7	3
36	Method for Measuring Cooling Efficiency of Water Droplets Impinging onto Hot Metal Discs. Applied Sciences (Switzerland), 2018, 8, 953.	2.5	3

#	Article	IF	Citations
37	Analysis of a High-Voltage Room Quasi-Smoke Gas Explosion. Energies, 2020, 13, 601.	3.1	2
38	Industrial Thermal Insulation Properties above Sintering Temperatures. Materials, 2021, 14, 4721.	2.9	1
39	Analysis of Expected Skin Burns from Accepted Process Flare Heat Radiation Levels to Public Passersby. Energies, 2021, 14, 5474.	3.1	1