# JosÃ© Luis Torero

List of Publications by Year
in descending order

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|---|---|---|---|
| 219 papers | 6,243 citations | 53794 45 h-index | 106344 65 g-index |
| 224 all docs | 224 docs citations | 224 times ranked | 2656 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Understanding flame extinction in timber under external heating using high-activation energy asymptotics. Combustion and Flame, 2022, 235, 111645. | 5.2 | 2 |
| 2 | A simplified correction method for thermocouple disturbance errors in solids. International Journal of Thermal Sciences, 2022, 172, 107324. | 4.9 | 12 |
| 3 | A simplified analytical model for radiation dominated ignition of solid fuels exposed to multiple non-steady heat fluxes. Combustion and Flame, 2022, 237, 111866. | 5.2 | 10 |
| 4 | Integrated nonlinear structural simulation of composite buildings in fire. Engineering Structures, 2022, 252, 113593. | 5.3 | 8 |
| 5 | A competency framework for fire safety engineering. Fire Safety Journal, 2022, 127, 103511. | 3.1 | 5 |
| 6 | Large-scale compartment fires to develop a self-extinction design framework for mass timberâ€”Part 1: Literature review and methodology. Fire Safety Journal, 2022, 128, 103523. | 3.1 | 12 |
| 7 | The building envelope: failing to understand complexity in tall building design. , 2022, , 341-357. | | 0 |
| 8 | Maximum allowable damage approach to fire safety performance quantification. Fire Safety Journal, 2022, 128, 103537. | 3.1 | 4 |
| 9 | Inclusive Design of Workspaces: Mixed Methods Approach to Understanding Users. Sustainability, 2022, 14, 3337. | 3.2 | 6 |
| 10 | Factors influencing the fire dynamics in open-plan compartments with an exposed timber ceiling. Fire Safety Journal, 2022, 129, 103564. | 3.1 | 5 |
| 11 | Fire safety in spacecraft: Past incidents and Deep Space challenges. Acta Astronautica, 2022, 195, 344-354. | 3.2 | 6 |
| 12 | Data driven forecast of concurrent flame spread in micro-gravity. Combustion and Flame, 2022, 241, 112078. | 5.2 | 1 |
| 13 | Multiphase modelling of water evaporation and condensation in an air-heated porous medium. Applied Thermal Engineering, 2022, 212, 118516. | 6.0 | 7 |
| 14 | Numerical study of the combustion regimes in naturally-vented compartment fires. Fire Safety Journal, 2022, 131, 103604. | 3.1 | 8 |
| 15 | Effects of substrate thermal conditions on the swelling of thin intumescent coatings. Fire and Materials, 2021, 45, 952-965. | 2.0 | 5 |
| 16 | A correction method for thermal disturbances induced by thermocouples in a low-conductivity charring material. Fire Safety Journal, 2021, 120, 103077. | 3.1 | 13 |
| 17 | Flammability trends for a comprehensive array of cladding materials. Fire Safety Journal, 2021, 120, 103133. | 3.1 | 12 |
| 18 | Stressâ€“strainâ€“temperature relationship for concrete. Fire Safety Journal, 2021, 120, 103126. | 3.1 | 13 |

| # | Article | IF | Citations |
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| 19 | Flame extinction and burning behaviour of timber under varied oxygen concentrations. Fire Safety Journal, 2021, 120, 103087. | 3.1 | 13 |
| 20 | Thermal inertia as an integrative parameter for building performance. Journal of Building Engineering, 2021, 33, 101623. | 3.4 | 12 |
| 21 | Accessing the soot-related radiative heat feedback in a flame spreading in microgravity: optical designs and associated limitations. Proceedings of the Combustion Institute, 2021, 38, 4805-4814. | 3.9 | 8 |
| 22 | Understanding fire growth for performance based design of bamboo structures. Fire Safety Journal, 2021, 120, 103057. | 3.1 | 4 |
| 23 | Influence of heating conditions and initial thickness on the effectiveness of thin intumescent coatings. Fire Safety Journal, 2021, 120, 103078. | 3.1 | 13 |
| 24 | Data driven forecast of droplet combustion. Proceedings of the Combustion Institute, 2021, 38, 4785-4793. | 3.9 | 0 |
| 25 | Mechanisms of flame spread and burnout in large enclosure fires. Proceedings of the Combustion Institute, 2021, 38, 4525-4533. | 3.9 | 11 |
| 26 | Study on the effectiveness of fire suppression deluge systems in tunnels. Tunnelling and Underground Space Technology, 2021, 108, 103764. | 6.2 | 2 |
| 27 | Thermal behaviour of laminated bamboo structures under fire conditions. Fire and Materials, 2021, 45, 321-330. | 2.0 | 7 |
| 28 | Ventilation effects on the thermal characteristics of fire spread modes in open-plan compartment fires. Fire Safety Journal, 2021, 120, 103072. | 3.1 | 13 |
| 29 | Fire dynamics in mass timber compartments. Fire Safety Journal, 2021, 120, 103098. | 3.1 | 25 |
| 30 | Origin and Justification of the Use of the Arrhenius Relation to Represent the Reaction Rate of the Thermal Decomposition of a Solid. Applied Sciences (Switzerland), 2021, 11, 4075. | 2.5 | 7 |
| 31 | Heat losses in a smouldering system: The key role of non-uniform air flux. Combustion and Flame, 2021, 227, 309-321. | 5.2 | 25 |
| 32 | Identifying the attributes of a profession in the practice and regulation of fire safety engineering. Fire Safety Journal, 2021, 121, 103274. | 3.1 | 12 |
| 33 | Burning dynamics and in-depth flame spread of wood cribs in large compartment fires. Combustion and Flame, 2021, 228, 42-56. | 5.2 | 18 |
| 34 | Heat losses in applied smouldering systems: Sensitivity analysis via analytical modelling. International Journal of Heat and Mass Transfer, 2021, 172, 121150. | 4.8 | 17 |
| 35 | Towards a better understanding of fire performance assessment of faÃ§ade systems: Current situation and a proposed new assessment framework. Construction and Building Materials, 2021, 300, 124301. | 7.2 | 13 |
| 36 | Evolution of fire models for estimating structural fire-resistance. Fire Safety Journal, 2021, 124, 103367. | 3.1 | 27 |

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| 37 | The improved energy efficiency of applied smouldering systems with increasing scale. International Journal of Heat and Mass Transfer, 2021, 177, 121548. | 4.8 | 21 |
| 38 | Scaling up self-sustained smouldering of sewage sludge for waste-to-energy. Waste Management, 2021, 135, 298-308. | 7.4 | 24 |
| 39 | Experimental Evaluation of Flame Radiative Feedback: Methodology and Application to Opposed Flame Spread Over Coated Wires in Microgravity. Fire Technology, 2020, 56, 185-207. | 3.0 | 18 |
| 40 | Experimental investigation of a timber-concrete floor panel system with a hybrid glass fibre reinforced polymer-timber corrugated core. Engineering Structures, 2020, 203, 109832. | 5.3 | 15 |
| 41 | Uncertainty-based decision-making in fire safety: Analyzing the alternatives. Journal of Loss Prevention in the Process Industries, 2020, 68, 104288. | 3.3 | 7 |
| 42 | Experimental and numerical investigation of weak, self-sustained conditions in engineered smouldering combustion. Combustion and Flame, 2020, 222, 27-35. | 5.2 | 22 |
| 43 | Waste heat recovery, utilization and evaluation of coalfield fire applying heat pipe combined thermoelectric generator in Xinjiang, China. Energy, 2020, 207, 118303. | 8.8 | 25 |
| 44 | Processes defining smouldering combustion: Integrated review and synthesis. Progress in Energy and Combustion Science, 2020, 81, 100869. | 31.2 | 86 |
| 45 | Bond Behavior of CFRP-to-Steel Bonded Joints at Mild Temperatures: Experimental Study. Journal of Composites for Construction, 2020, 24, . | 3.2 | 23 |
| 46 | Star: a uniquely sustainable inÂsitu and ex situ remediation process. , 2020, , 221-246. | | 8 |
| 47 | Experimental study into the behaviour of profiled composite walls under combined axial and thermal loadings. Engineering Structures, 2020, 210, 110354. | 5.3 | 4 |
| 48 | Rectification of â€œrestrained vs unrestrainedâ€• Fire and Materials, 2020, 44, 341-351. | 2.0 | 10 |
| 49 | The collapse of World Trade Center 7: revisited. , 2020, , . | | 3 |
| 50 | The role of local thermal non-equilibrium in modelling smouldering combustion of organic liquids. Proceedings of the Combustion Institute, 2019, 37, 3109-3117. | 3.9 | 25 |
| 51 | Understanding Fire Safety of Historical Buildings. RILEM Bookseries, 2019, , 33-43. | 0.4 | 3 |
| 52 | Delineating and explaining the limits of self-sustained smouldering combustion. Combustion and Flame, 2019, 201, 78-92. | 5.2 | 45 |
| 53 | Fire Safety of Historical Buildings: Principles and Methodological Approach. International Journal of Architectural Heritage, 2019, 13, 926-940. | 3.1 | 30 |
| 54 | Understanding the effects of stress on the coefficient of thermal expansion. International Journal of Engineering Science, 2019, 141, 83-94. | 5.0 | 14 |

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| 55 | The Malveira fire test: Full-scale demonstration of fire modes in open-plan compartments. Fire Safety Journal, 2019, 108, 102827. | 3.1 | 50 |
| 56 | Application of digital image correlation system for reliable deformation measurement of concrete structures at high temperatures. Engineering Structures, 2019, 192, 181-189. | 5.3 | 17 |
| 57 | Fire performance of closedâ€cell charring insulation materials in plasterboardâ€insulation assemblies. Fire and Materials, 2019, 43, 632-643. | 2.0 | 0 |
| 58 | Using megaproject performance outcomes to enhance decision-making behaviors in civil engineering graduates. Construction Economics and Building, 2019, 19, . | 0.9 | 2 |
| 59 | Scaling analysis of ice melting during burning of oil in ice-infested waters. International Journal of Heat and Mass Transfer, 2019, 130, 386-392. | 4.8 | 9 |
| 60 | Determining the conditions that lead to self-sustained smouldering combustion by means of numerical modelling. Proceedings of the Combustion Institute, 2019, 37, 4043-4051. | 3.9 | 24 |
| 61 | Flame spread: Effects of microgravity and scale. Combustion and Flame, 2019, 199, 168-182. | 5.2 | 58 |
| 62 | A Heat-Transfer Rate Inducing System (H-TRIS) Test Method. Fire Safety Journal, 2019, 105, 307-319. | 3.1 | 45 |
| 63 | Fire Performance of Sandwich Panels in a Modified ISO 13784-1 Small Room Test: The Influence of Increased Fire Load for Different Insulation Materials. Fire Technology, 2018, 54, 819-852. | 3.0 | 13 |
| 64 | Fire performance of charring closedâ€cell polymeric insulation materials: Polyisocyanurate and phenolic foam. Fire and Materials, 2018, 42, 358-373. | 2.0 | 26 |
| 65 | Effects of temperature and temperature gradient on concrete performance at elevated temperatures. Advances in Structural Engineering, 2018, 21, 1223-1233. | 2.4 | 33 |
| 66 | Experimental study on the fuel requirements for the thermal degradation of bodies by means of open pyre cremation. Fire Safety Journal, 2018, 98, 63-73. | 3.1 | 3 |
| 67 | Combustion in microgravity: The French contribution. Comptes Rendus - Mecanique, 2017, 345, 86-98. | 2.1 | 4 |
| 68 | Defining the thermal boundary condition for protective structures in fire. Engineering Structures, 2017, 149, 104-112. | 5.3 | 16 |
| 69 | The potential of integrating fire safety in modern building design. Fire Safety Journal, 2017, 88, 104-112. | 3.1 | 37 |
| 70 | An experimental study of full-scale open floor plan enclosure fires. Fire Safety Journal, 2017, 89, 22-40. | 3.1 | 44 |
| 71 | Energy distribution analysis in full-scale open floor plan enclosure fires. Fire Safety Journal, 2017, 91, 422-431. | 3.1 | 12 |
| 72 | Description of small and large-scale cross laminated timber fire tests. Fire Safety Journal, 2017, 91, 327-335. | 3.1 | 36 |

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| 73 | A Review of Sociological Issues in Fire Safety Regulation. Fire Technology, 2017, 53, 1011-1037. | 3.0 | 24 |
| 74 | Critical heat flux and mass loss rate for extinction of flaming combustion of timber. Fire Safety Journal, 2017, 91, 252-258. | 3.1 | 35 |
| 75 | Continuous, self-sustaining smouldering destruction of simulated faeces. Fuel, 2017, 190, 58-66. | 6.4 | 43 |
| 76 | Organic liquid mobility induced by smoldering remediation. Journal of Hazardous Materials, 2017, 325, 101-112. | 12.4 | 37 |
| 77 | Thermal characterization of building assemblies by means of transient data assimilation. Energy and Buildings, 2017, 155, 128-142. | 6.7 | 3 |
| 78 | Clean Power Generation from the Intractable Natural Coalfield Fires: Turn Harm into Benefit. Scientific Reports, 2017, 7, 5302. | 3.3 | 18 |
| 79 | Determination of the interfacial heat transfer coefficient between forced air and sand at Reynoldâ€™s numbers relevant to smouldering combustion. International Journal of Heat and Mass Transfer, 2017, 114, 90-104. | 4.8 | 39 |
| 80 | A Thin Skin Calorimeter (TSC) for quantifying irradiation during large-scale fire testing. International Journal of Thermal Sciences, 2017, 112, 383-394. | 4.9 | 47 |
| 81 | Experimental investigation on the destruction rates of organic waste with high moisture content by means of self-sustained smoldering combustion. Proceedings of the Combustion Institute, 2017, 36, 4419-4426. | 3.9 | 43 |
| 82 | Experimental Characterisation of the Fire Behaviour of Thermal Insulation Materials for a Performance-Based Design Methodology. Fire Technology, 2017, 53, 1201-1232. | 3.0 | 18 |
| 83 | Self-extinction of timber. Proceedings of the Combustion Institute, 2017, 36, 3055-3062. | 3.9 | 43 |
| 84 | Potential Bio-oil Production from Smouldering Combustion of Faeces. Waste and Biomass Valorization, 2017, 8, 329-338. | 3.4 | 20 |
| 85 | Deformation capturing of concrete structures at elevated temperatures. Procedia Engineering, 2017, 210, 613-621. | 1.2 | 9 |
| 86 | Call for participation in the first workshop organized by the IAFSS Working Group on Measurement and Computation of Fire Phenomena. Fire Safety Journal, 2016, 82, 146-147. | 3.1 | 5 |
| 87 | Methodology for estimating pyrolysis rates of charring insulation materials using experimental temperature measurements. Journal of Building Engineering, 2016, 8, 249-259. | 3.4 | 7 |
| 88 | Experimental evaluation of the heat flux induced by tunnel fires. Tunnelling and Underground Space Technology, 2016, 60, 49-55. | 6.2 | 9 |
| 89 | Fire safety in space â€“ Investigating flame spread interaction over wires. Acta Astronautica, 2016, 126, 500-509. | 3.2 | 47 |
| 90 | Experimental characterisation of two fully-developed enclosure fire regimes. Fire Safety Journal, 2016, 79, 10-19. | 3.1 | 17 |

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| 91 | Smoldering Combustion as a Treatment Technology for Feces: Sensitivity to Key Parameters. Combustion Science and Technology, 2016, 188, 968-981. | 2.3 | 39 |
| 92 | IAFSS Working Group on Measurement and Computation of Fire Phenomena. Fire Technology, 2016, 52, 607-610. | 3.0 | 9 |
| 93 | Flaming Ignition of Solid Fuels. , 2016, , 633-661. | | 26 |
| 94 | Smoldering Remediation of Coal-Tar-Contaminated Soil: Pilot Field Tests of STAR. Environmental Science & Technology, 2015, 49, 14334-14342. | 10.0 | 61 |
| 95 | Smouldering combustion as a treatment technology for faeces: Exploring the parameter space. Fuel, 2015, 147, 108-116. | 6.4 | 77 |
| 96 | Full-scale fire test on an earthquake-damaged reinforced concrete frame. Fire Safety Journal, 2015, 73, 1-19. | 3.1 | 49 |
| 97 | A Framework for Selecting Design Fires in Performance Based Fire Safety Engineering. Fire Technology, 2015, 51, 995-1017. | 3.0 | 12 |
| 98 | Fire safety in space â€“ beyond flammability testing of small samples. Acta Astronautica, 2015, 109, 208-216. | 3.2 | 53 |
| 99 | Using Computational Fluid Dynamics in the forensic analysis of a prison fire. Forensic Science International, 2015, 253, e33-e42. | 2.2 | 8 |
| 100 | Performance criteria for the fire safe use of thermal insulation in buildings. Construction and Building Materials, 2015, 100, 285-297. | 7.2 | 38 |
| 101 | Bulk and particle properties of pine needle fuel beds â€“ influence on combustion. International Journal of Wildland Fire, 2014, 23, 1076. | 2.4 | 20 |
| 102 | Radiant Ignition of Polyurethane Foam: The Effect of Sample Size. Fire Technology, 2014, 50, 673-691. | 3.0 | 40 |
| 103 | Volumetric scale-up of smouldering remediation of contaminated materials. Journal of Hazardous Materials, 2014, 268, 51-60. | 12.4 | 57 |
| 104 | Testing of Full-scale RC Frame under Simulated Fire Following Earthquake. Journal of Structural Fire Engineering, 2014, 5, 215-228. | 0.8 | 4 |
| 105 | Revisiting the Compartment Fire. Fire Safety Science, 2014, 11, 28-45. | 0.3 | 51 |
| 106 | Experimental study of radiative heat transfer in a translucent fuel sample exposed to different spectral sources. International Journal of Heat and Mass Transfer, 2013, 61, 742-748. | 4.8 | 27 |
| 107 | Fire Safety Design for Tall Buildings. Procedia Engineering, 2013, 62, 169-181. | 1.2 | 55 |
| 108 | A nascent educational framework for fire safety engineering. Fire Safety Journal, 2013, 58, 180-194. | 3.1 | 19 |

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| 109 | Scaling-Up fire. Proceedings of the Combustion Institute, 2013, 34, 99-124. | 3.9 | 51 |
| 110 | Development of Large-Scale Spacecraft Fire Safety Experiments. , 2013, , . | | 1 |
| 111 | Full-scale testing of a damaged reinforced concrete frame in fire. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2012, 165, 335-346. | 0.8 | 22 |
| 112 | Discussion: Fire-induced structural failure: the World Trade Center, New York. Proceedings of the Institution of Civil Engineers: Forensic Engineering, 2012, 165, 105-107. | 0.5 | 1 |
| 113 | A methodology for the estimation of ignition delay times in forest fire modelling. Combustion and Flame, 2012, 159, 3652-3657. | 5.2 | 53 |
| 114 | Flammability studies for wildland and wildlandâ€“urban interface fires applied to pine needles and solid polymers. Fire Safety Journal, 2012, 54, 203-217. | 3.1 | 48 |
| 115 | Self-Sustaining Smoldering Combustion for NAPL Remediation: Laboratory Evaluation of Process Sensitivity to Key Parameters. Environmental Science & Technology, 2011, 45, 2980-2986. | 10.0 | 72 |
| 116 | Development of the Thermal Decomposition Mechanism of Polyether Polyurethane Foam Using Both Condensed and Gas-Phase Release Data. Combustion Science and Technology, 2011, 183, 627-644. | 2.3 | 30 |
| 117 | Fire-induced structural failure: the World Trade Center, New York. Proceedings of the Institution of Civil Engineers: Forensic Engineering, 2011, 164, 69-77. | 0.5 | 8 |
| 118 | A Novel Multiscale Methodology for Simulating Tunnel Ventilation Flows During Fires. Fire Technology, 2011, 47, 221-253. | 3.0 | 38 |
| 119 | Determination of the main parameters influencing forest fuel combustion dynamics. Fire Safety Journal, 2011, 46, 27-33. | 3.1 | 57 |
| 120 | A posteriori modelling of the growth phase of Dalmarnock Fire Test One. Building and Environment, 2011, 46, 1065-1073. | 6.9 | 32 |
| 121 | Forecasting fire growth using an inverse zone modelling approach. Fire Safety Journal, 2011, 46, 81-88. | 3.1 | 45 |
| 122 | Forecasting Fire Growth using an Inverse CFD Modelling Approach in a Real-Scale Fire Test. Fire Safety Science, 2011, 10, 1349-1358. | 0.3 | 6 |
| 123 | On the Role of Bulk Properties and Fuel Species on the Burning Dynamics of Pine Forest Litters. Fire Safety Science, 2011, 10, 1401-1414. | 0.3 | 3 |
| 124 | Time-dependent Multiscale Simulations of Fire Emergencies in Longitudinally Ventilated Tunnels. Fire Safety Science, 2011, 10, 359-372. | 0.3 | 3 |
| 125 | Comparison of Pyrolysis Behavior Results between the Cone Calorimeter and the Fire Propagation Apparatus Heat Sources. Fire Safety Science, 2011, 10, 889-901. | 0.3 | 23 |
| 126 | The influence of oxygen concentration on the combustion of a fuel/oxidizer mixture. Experimental Thermal and Fluid Science, 2010, 34, 282-289. | 2.7 | 7 |

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| 127 | Structural behaviour during a vertically travelling fire. Journal of Constructional Steel Research, 2010, 66, 191-197. | 3.9 | 39 |
| 128 | Sensor Assisted Fire Fighting. Fire Technology, 2010, 46, 719-741. | 3.0 | 58 |
| 129 | The Behavior of Liquid Fuel on Carpet (Porous Media): A Case for the Inclusion of Science in Fire Investigation. Fire Technology, 2010, 46, 843-852. | 3.0 | 5 |
| 130 | FireGrid: An e-infrastructure for next-generation emergency response support. Journal of Parallel and Distributed Computing, 2010, 70, 1128-1141. | 4.1 | 86 |
| 131 | Experimental review of the homogeneous temperature assumption in post-flashover compartment fires. Fire Safety Journal, 2010, 45, 249-261. | 3.1 | 71 |
| 132 | Analysis of the ventilation systems in the Dartford tunnels using a multi-scale modelling approach. Tunnelling and Underground Space Technology, 2010, 25, 423-432. | 6.2 | 34 |
| 133 | Numerical study of NOx formation during incineration of cellulosic and plastic materials: The combustion regime. International Journal of Thermal Sciences, 2010, 49, 443-453. | 4.9 | 4 |
| 134 | Self-Sustaining Smoldering Combustion: A Novel Remediation Process for Non-Aqueous-Phase Liquids in Porous Media. Environmental Science & Technology, 2009, 43, 5871-5877. | 10.0 | 89 |
| 135 | Small-scale forward smouldering experiments for remediation of coal tar in inert media. Proceedings of the Combustion Institute, 2009, 32, 1957-1964. | 3.9 | 95 |
| 136 | Performance Assessment of Pressurized Stairs in High Rise Buildings. Fire Technology, 2009, 45, 189-200. | 3.0 | 11 |
| 137 | Ability of the Fire Propagation Apparatus to characterise the heat release rate of energetic materials. Journal of Hazardous Materials, 2009, 166, 916-924. | 12.4 | 18 |
| 138 | Round-robin study of a priori modelling predictions of the Dalmarnock Fire Test One. Fire Safety Journal, 2009, 44, 590-602. | 3.1 | 84 |
| 139 | Analysis of principal gas products during combustion of polyether polyurethane foam at different irradiance levels. Fire Safety Journal, 2009, 44, 933-940. | 3.1 | 56 |
| 140 | Effects of Fire Retardants and Nanofillers on the Fire Toxicity. ACS Symposium Series, 2009, , 342-366. | 0.5 | 7 |
| 141 | Laminar flame propagation on a horizontal fuel surface: Verification of classical Emmons solution. Combustion Theory and Modelling, 2009, 13, 121-141. | 1.9 | 27 |
| 142 | Experimental observations on the steady-state burning rate of a vertically oriented PMMA slab. Combustion and Flame, 2008, 152, 451-460. | 5.2 | 55 |
| 143 | In-depth temperature measurements in wood exposed to intense radiant energy. Experimental Thermal and Fluid Science, 2008, 32, 1405-1411. | 2.7 | 18 |
| 144 | Analysis of the constant B-number assumption while modeling flame spread. Combustion and Flame, 2008, 152, 401-414. | 5.2 | 27 |

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| 145 | Characterisation of Dalmarnock fire Test One. Experimental Thermal and Fluid Science, 2008, 32, 1334-1343. | 2.7 | 61 |
| 146 | A calorimetric study of wildland fuels. Experimental Thermal and Fluid Science, 2008, 32, 1381-1389. | 2.7 | 71 |
| 147 | A smoke detector activation algorithm for large eddy simulation fire modeling. Fire Safety Journal, 2008, 43, 96-107. | 3.1 | 11 |
| 148 | The severity of smouldering peat fires and damage to the forest soil. Catena, 2008, 74, 304-309. | 5.0 | 262 |
| 149 | A theoretical and numerical evaluation of the steady-state burning rate of vertically oriented PMMA slabs. Combustion Theory and Modelling, 2008, 12, 451-475. | 1.9 | 12 |
| 150 | Calculation Methods for the Heat Release Rate of Materials of Unknown Composition. Fire Safety Science, 2008, 9, 1165-1176. | 0.3 | 37 |
| 151 | The Effect of Model Parameters on the Simulation of Fire Dynamics. Fire Safety Science, 2008, 9, 1341-1352. | 0.3 | 42 |
| 152 | An Architecture for an Integrated Fire Emergency Response System for the Built Environment. Fire Safety Science, 2008, 9, 427-438. | 0.3 | 13 |
| 153 | A Comparative Analysis of the Use of Different Zone Models to Predict the Mass Smoke Flow for Axisymetric and Spill Plumes. Fire Safety Science, 2008, 9, 751-762. | 0.3 | 1 |
| 154 | SOOTING BEHAVIOR DYNAMICS OF A NON-BUOYANT LAMINAR DIFFUSION FLAME. Combustion Science and Technology, 2007, 179, 3-19. | 2.3 | 58 |
| 155 | Structural Response of Tall Buildings to Multiple Floor Fires. Journal of Structural Engineering, 2007, 133, 1719-1732. | 3.4 | 32 |
| 156 | Large-scale pool fires. Thermal Science, 2007, 11, 101-118. | 1.1 | 60 |
| 157 | On the flame height definition for upward flame spread. Fire Safety Journal, 2007, 42, 384-392. | 3.1 | 29 |
| 158 | BRE large compartment fire testsâ€"Characterising post-flashover fires for model validation. Fire Safety Journal, 2007, 42, 548-567. | 3.1 | 75 |
| 159 | Upward flame spread on a vertically oriented fuel surface: The effect of finite width. Proceedings of the Combustion Institute, 2007, 31, 2607-2615. | 3.9 | 95 |
| 160 | Laser-induced incandescence calibration in a three-dimensional laminar diffusion flame. Experiments in Fluids, 2007, 43, 939-948. | 2.4 | 20 |
| 161 | Mass flux of combustible solids at piloted ignition. Proceedings of the Combustion Institute, 2007, 31, 2653-2660. | 3.9 | 84 |
| 162 | Behaviour of concrete structures in fire. Thermal Science, 2007, 11, 37-52. | 1.1 | 93 |

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| 163 | SOOT VOLUME FRACTION MEASUREMENTS IN A THREE-DIMENSIONAL LAMINAR DIFFUSION FLAME ESTABLISHED IN MICROGRAVITY. Combustion Science and Technology, 2006, 178, 813-835. | 2.3 | 27 |
| 164 | Effect of fire on composite long span truss floor systems. Journal of Constructional Steel Research, 2006, 62, 303-315. | 3.9 | 12 |
| 165 | Application of genetic algorithms and thermogravimetry to determine the kinetics of polyurethane foam in smoldering combustion. Combustion and Flame, 2006, 146, 95-108. | 5.2 | 200 |
| 166 | THE RISK IMPOSED BY FIRE TO BUILDINGS AND HOW TO ADDRESS IT. , 2006, , 41-57. | | 4 |
| 167 | Experimental observations on the thermal degradation of a porous bed of tires. Proceedings of the Combustion Institute, 2005, 30, 2239-2246. | 3.9 | 27 |
| 168 | Ignition performance of new and used motor vehicle upholstery fabrics. Fire and Materials, 2005, 29, 265-282. | 2.0 | 8 |
| 169 | Modeling of one-dimensional smoldering of polyurethane in microgravity conditions. Proceedings of the Combustion Institute, 2005, 30, 2327-2334. | 3.9 | 27 |
| 170 | Influence of G-jitter on the characteristics of a non-premixed flame: Experimental approach. Microgravity Science and Technology, 2005, 16, 328-332. | 1.4 | 1 |
| 171 | Microgravity Laminar Diffusion Flame In a Perpendicular Fuel and Oxidizer Stream Configuration. AIAA Journal, 2005, 43, 1725-1733. | 2.6 | 16 |
| 172 | Numerical evaluation of boundary layer assumptions for laminar diffusion flames in microgravity. Combustion Theory and Modelling, 2005, 9, 137-158. | 1.9 | 14 |
| 173 | Three-dimensional recomposition of the absorption field inside a nonbuoyant sooting flame. Optics Letters, 2005, 30, 3311. | 3.3 | 16 |
| 174 | Diffusion Flames Upwardly Propagating Over Pmma: Theory, Experiment And Numerical Modeling. Fire Safety Science, 2005, 8, 397-408. | 0.3 | 10 |
| 175 | An Example Of The Use Of Standard Flammability Criteria For Performance Analysis Of Materials: Polycarbonate And Pmma. Fire Safety Science, 2005, 8, 493-504. | 0.3 | 1 |
| 176 | A Comparison of Driving Forces for Smoke Movement in Buildings. Journal of Fire Protection Engineering, 2004, 14, 237-264. | 0.8 | 8 |
| 177 | Ignition Handbook, Principles and Applications to Fire Safety Engineering, Fire Investigation, Risk Management and Forensic Science by Vytenis Babrauskas, PhD. Journal of Fire Protection Engineering, 2004, 14, 229-232. | 0.8 | 5 |
| 178 | Burning Rate of Liquid Fuel on Carpet (Porous Media). Fire Technology, 2004, 40, 227-246. | 3.0 | 15 |
| 179 | Forced forward smoldering experiments in microgravity. Experimental Thermal and Fluid Science, 2004, 28, 743-751. | 2.7 | 54 |
| 180 | COMPUTATIONAL MODEL TO INVESTIGATE THE MECHANISMS OF NOxFORMATION DURING WASTE INCINERATION. Combustion Science and Technology, 2004, 176, 925-943. | 2.3 | 9 |

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| 181 | THE EFFECT OF BUOYANCY ON OPPOSED SMOLDERING. Combustion Science and Technology, 2004, 176, 2027-2055. | 2.3 | 41 |
| 182 | Ã‰paisseur optique d'une couche de suie formÃ©e par une flamme de diffusion en micropesanteur. Mecanique Et Industries, 2004, 5, 597-605. | 0.2 | 0 |
| 183 | Title is missing!. Fire Technology, 2003, 39, 309-346. | 3.0 | 5 |
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