Anthony Chun Yin Yuen

List of Publications by Year
in descending order

133 papers	4,939 citations	101496 36 h-index	110317 64 g-index
136 all docs	136 docs citations	136 times ranked	3160 citing authors

#	Article	IF	Citations
1	Interface decoration of exfoliated MXene ultra-thin nanosheets for fire and smoke suppressions of thermoplastic polyurethane elastomer. Journal of Hazardous Materials, 2019, 374, 110-119.	6.5	301
2	Robust, Lightweight, Hydrophobic, and Fire-Retarded Polyimide/MXene Aerogels for Effective Oil/Water Separation. ACS Applied Materials & Interfaces, 2019, 11, 40512-40523.	4.0	230
3	A Review of Hydrogen Direct Injection for Internal Combustion Engines: Towards Carbon-Free Combustion. Applied Sciences (Switzerland), 2019, 9, 4842.	1.3	204
4	MXene/chitosan nanocoating for flexible polyurethane foam towards remarkable fire hazards reductions. Journal of Hazardous Materials, 2020, 381, 120952.	6.5	174
5	Thermal Degradation and Flame Retardance of Biobased Polylactide Composites Based on Aluminum Hypophosphite. Industrial & Engineering Chemistry Research, 2012, 51, 12009-12016.	1.8	156
6	Engineering MXene surface with POSS for reducing fire hazards of polystyrene with enhanced thermal stability. Journal of Hazardous Materials, 2021, 401, 123342.	6.5	151
7	Manufacturing, mechanical and flame retardant properties of poly(lactic acid) biocomposites based on calcium magnesium phytate and carbon nanotubes. Composites Part A: Applied Science and Manufacturing, 2018, 110, 227-236.	3.8	136
8	Functionalized Carbon Nanotubes with Phosphorus- and Nitrogen-Containing Agents: Effective Reinforcer for Thermal, Mechanical, and Flame-Retardant Properties of Polystyrene Nanocomposites. ACS Applied Materials & Interfaces, 2016, 8, 26266-26274.	4.0	134
9	Multifunctional MXene/natural rubber composite films with exceptional flexibility and durability. Composites Part B: Engineering, 2020, 188, 107875.	5.9	111
10	Enhancement of fire retardancy performance of glass-fibre reinforced poly(ethylene terephthalate) composites with the incorporation of aluminum hypophosphite and melamine cyanurate. Composites Part B: Engineering, 2011, 42, 1057-1065.	5.9	107
11	Luteolin-based epoxy resin with exceptional heat resistance, mechanical and flame retardant properties. Chemical Engineering Journal, 2022, 428, 131173.	6.6	106
12	Fire and mechanical performance of nanoclay reinforced glass-fiber/PBT composites containing aluminum hypophosphite particles. Composites Part A: Applied Science and Manufacturing, 2011, 42, 794-800.	3.8	103
13	Recent progress in bio-based aerogel absorbents for oil/water separation. Cellulose, 2019, 26, 6449-6476.	2.4	102
14	Functionalization of MXene Nanosheets for Polystyrene towards High Thermal Stability and Flame Retardant Properties. Polymers, 2019, 11, 976.	2.0	93
15	The influence of manganeseâ€"cobalt oxide/graphene on reducing fire hazards of poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock	6.5	88
16	Fabrication of LDH nanosheets on Î²-FeOOH rods and applications for improving the fire safety of epoxy resin. Composites Part A: Applied Science and Manufacturing, 2016, 80, 259-269.	3.8	85
17	Comparative study on the thermal stability, flame retardancy and smoke suppression properties of polystyrene composites containing molybdenum disulfide and graphene. RSC Advances, 2013, 3, 25030.	1.7	84
18	Study on flame retarded flexible polyurethane foam/alumina aerogel composites with improved fire safety. Chemical Engineering Journal, 2017, 311, 310-317.	6.6	82

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19	Combustion properties and thermal degradation behaviors of biobased polylactide composites filled with calcium hypophosphite. RSC Advances, 2014, 4, 8985.	1.7	78
20	Synthesis of phosphorus-containing silane coupling agent for surface modification of glass fibers: Effective reinforcement and flame retardancy in poly(1,4-butylene terephthalate). Chemical Engineering Journal, 2017, 321, 257-267.	6.6	71
21	BODIPY coated on MXene nanosheets for improving mechanical and fire safety properties of ABS resin. Composites Part B: Engineering, 2021, 223, 109130.	5.9	70
22	Nanoparticles of polydopamine for improving mechanical and flame-retardant properties of an epoxy resin. Composites Part B: Engineering, 2020, 186, 107828.	5.9	70
23	Synthesis and characterization of MnO2 nanosheets based multilayer coating and applications as a flame retardant for flexible polyurethane foam. Composites Science and Technology, 2016, 123, 212-221.	3.8	59
24	Utilising genetic algorithm to optimise pyrolysis kinetics for fire modelling and characterisation of chitosan/graphene oxide polyurethane composites. Composites Part B: Engineering, 2020, 182, 107619.	5.9	51
25	A Review on Lithium-Ion Battery Separators towards Enhanced Safety Performances and Modelling Approaches. Molecules, 2021, 26, 478.	1.7	49
26	Engineering highly graphitic carbon quantum dots by catalytic dehydrogenation and carbonization of Ti3C2Tx-MXene wrapped polystyrene spheres. Carbon, 2022, 190, 319-328.	5.4	49
27	Importance of detailed chemical kinetics on combustion and soot modelling of ventilated and under-ventilated fires in compartment. International Journal of Heat and Mass Transfer, 2016, 96, 171-188.	2.5	48
28	Synthesis of anhydrous manganese hypophosphite microtubes for simultaneous flame retardant and mechanical enhancement on poly(lactic acid). Composites Science and Technology, 2018, 164, 44-50.	3.8	47
29	Carbon nanotube reinforced polylactide/basalt fiber composites containing aluminium hypophosphite: thermal degradation, flame retardancy and mechanical properties. RSC Advances, 2015, 5, 105869-105879.	1.7	45
30	Novel 3D Network Architectured Hybrid Aerogel Comprising Epoxy, Graphene, and Hydroxylated Boron Nitride Nanosheets. ACS Applied Materials & Interfaces, 2018, 10, 40032-40043.	4.0	45
31	Fire Risk Assessment of Combustible Exterior Cladding Using a Collective Numerical Database. Fire, 2019, 2, 11.	1.2	44
32	Enhanced Fire Safety of Rigid Polyurethane Foam via Synergistic Effect of Phosphorus/Nitrogen Compounds and Expandable Graphite. Molecules, 2020, 25, 4741.	1.7	44
33	Thermal, crystalline and mechanical properties of flame retarded Poly(lactic acid) with a PBO-like small molecule - Phenylphosphonic Bis(2-aminobenzothiazole). Polymer Degradation and Stability, 2019, 163, 76-86.	2.7	42
34	Comparison of detailed soot formation models for sooty and non-sooty flames in an under-ventilated ISO room. International Journal of Heat and Mass Transfer, 2017, 115, 717-729.	2.5	39
35	Establishing pyrolysis kinetics for the modelling of the flammability and burning characteristics of solid combustible materials. Journal of Fire Sciences, 2018, 36, 494-517.	0.9	39
36	Functional cotton fabric using hollow glass microspheres: Focus on thermal insulation, flame retardancy, UV-protection and acoustic performance. Progress in Organic Coatings, 2020, 141, 105553.	1.9	39

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37	Effect of rare earth hypophosphite and melamine cyanurate on fire performance of glass-fiber reinforced poly(1,4-butylene terephthalate) composites. Thermochimica Acta, 2011, 526, 185-191.	1.2	38
38	Facile flame retardant finishing of cotton fabric with hydrated sodium metaborate. Cellulose, 2019, 26, 4629-4640.	2.4	38
39	Alginate/Polymer-Based Materials for Fire Retardancy: Synthesis, Structure, Properties, and Applications. Polymer Reviews, 2021, 61, 357-414.	5.3	38
40	Surface Manipulation of Thermal-Exfoliated Hexagonal Boron Nitride with Polyaniline for Improving Thermal Stability and Fire Safety Performance of Polymeric Materials. ACS Omega, 2018, 3, 14942-14952.	1.6	37
41	Predicting the fire spread rate of a sloped pine needle board utilizing pyrolysis modelling with detailed gas-phase combustion. International Journal of Heat and Mass Transfer, 2018, 125, 310-322.	2.5	36
42	Numerical study of fire spread using the level-set method with large eddy simulation incorporating detailed chemical kinetics gas-phase combustion model. Journal of Computational Science, 2018, 24, 8-23.	1.5	33
43	On the influences of key modelling constants of large eddy simulations forÂlarge-scale compartment fires predictions. International Journal of Computational Fluid Dynamics, 2017, 31, 324-337.	0.5	32
44	Fabrication of Fully Bio-Based Aerogels via Microcrystalline Cellulose and Hydroxyapatite Nanorods with Highly Effective Flame-Retardant Properties. ACS Applied Nano Materials, 2018, 1, 1921-1931.	2.4	32
45	Preparation and characterization of bio-nanocomposites based on poly(3-hydroxybutyrate-co-4-hydroxybutyrate) and CoAl layered double hydroxide using melt intercalation. Composites Part A: Applied Science and Manufacturing, 2012, 43, 547-552.	3.8	31
46	Fire scene investigation of an arson fire incident using computational fluid dynamics based fire simulation. Building Simulation, 2014, 7, 477-487.	3.0	30
47	Numerical study of the development and angular speed of a small-scale fire whirl. Journal of Computational Science, 2018, 27, 21-34.	1.5	30
48	NUMERICAL SIMULATION OF AN ENCLOSURE FIRE IN A LARGE TEST HALL. Computational Thermal Sciences, 2013, 5, 459-471.	0.5	30
49	Development and Characterization of Fire Retarded Glass-Fiber Reinforced Poly(1,4-butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Chemistry Research, 2011, 50, 11975-11981.	1.8	29
50	Pectin-assisted dispersion of exfoliated boron nitride nanosheets for assembled bio-composite aerogels. Composites Part A: Applied Science and Manufacturing, 2019, 119, 196-205.	3.8	29
51	Study of three LES subgrid-scale turbulence models for predictions of heat and mass transfer in large-scale compartment fires. Numerical Heat Transfer; Part A: Applications, 2016, 69, 1223-1241.	1.2	28
52	Effects of flame-plane wall impingement on diesel combustion and soot processes. Fuel, 2019, 255, 115726.	3.4	28
53	Flame retardancy and thermal property of novel UV-curable epoxy acrylate coatings modified by melamine-based hyperbranched polyphosphonate acrylate. Progress in Organic Coatings, 2014, 77, 94-100.	1.9	27
54	PDMS/MWCNT nanocomposite films for underwater sound absorption applications. Journal of Materials Science, 2020, 55, 5048-5063.	1.7	27

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55	Evaluating the fire risk associated with cladding panels: An overview of fire incidents, policies, and future perspective in fire standards. Fire and Materials, 2021, 45, 663-689.	0.9	27
56	Numerical Simulation of a Ceiling Jet Fire in a Large Compartment. Procedia Engineering, 2013, 52, 3-12.	1.2	26
57	Comparative Studies on Thermal, Mechanical, and Flame Retardant Properties of PBT Nanocomposites via Different Oxidation State Phosphorus-Containing Agents Modified Amino-CNTs. Nanomaterials, 2018, 8, 70.	1.9	26
58	Critical assessment on operating water droplet sizes for fire sprinkler and water mist systems. Journal of Building Engineering, 2020, 28, 100999.	1.6	26
59	Characterization of choking flow behaviors inside steam ejectors based on the ejector refrigeration system. International Journal of Refrigeration, 2020, 113, 296-307.	1.8	26
60	Characterisation of pyrolysis kinetics and detailed gas species formations of engineering polymers via reactive molecular dynamics (ReaxFF). Journal of Analytical and Applied Pyrolysis, 2021, 153, 104931.	2.6	26
61	Integration of Computational Fluid Dynamics and Artificial Neural Network for Optimization Design of Battery Thermal Management System. Batteries, 2022, 8, 69.	2.1	26
62	Facile Synthesis of Phosphorus and Cobalt Co-Doped Graphitic Carbon Nitride for Fire and Smoke Suppressions of Polylactide Composite. Polymers, 2020, 12, 1106.	2.0	25
63	Numerical investigation on the thermal management of lithium-ion battery system and cooling effect optimization. Applied Thermal Engineering, 2022, 215, 118966.	3.0	25
64	Effect of organo‐modified montmorillonite on flame retardant poly(1,4‐butylene terephthalate) composites. Polymers for Advanced Technologies, 2011, 22, 2564-2570.	1.6	24
65	Synthesis of a carbon nanotubes/ZnAl-layered double hydroxide composite as a novel flame retardant for flexible polyurethane foams. Polymers for Advanced Technologies, 2016, 27, 651-656.	1.6	24
66	Experimental and numerical perspective on the fire performance of MXene/Chitosan/Phytic acid coated flexible polyurethane foam. Scientific Reports, 2021, 11, 4684.	1.6	24
67	Development of an evacuation model considering the impact of stress variation on evacuees under fire emergency. Safety Science, 2021, 138, 105232.	2.6	24
68	Fire scene reconstruction of a furnished compartment room in a house fire. Case Studies in Fire Safety, 2014, 1, 29-35.	1.0	23
69	LES and Multi-Step Chemical Reaction in Compartment Fires. Numerical Heat Transfer; Part A: Applications, 2015, 68, 711-736.	1.2	23
70	Synergistic effect of flame retardants and graphitic carbon nitride on flame retardancy of polylactide composites. Polymers for Advanced Technologies, 2020, 31, 1661-1670.	1.6	23
71	Strain stiffening and positive piezoconductive effect of liquid metal/elastomer soft composites. Composites Science and Technology, 2021, 201, 108497.	3.8	22
72	Surface modification of multi-scale cuprous oxide with tunable catalytic activity towards toxic fumes and smoke suppression of rigid polyurethane foam. Applied Surface Science, 2021, 556, 149792.	3.1	21

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73	Flame retardancy mechanisms of poly(1,4‑butylene terephthalate) containing microencapsulated ammonium polyphosphate and melamine cyanurate. Polymers for Advanced Technologies, 2011, 22, 2136-2144.	1.6	20
74	Simultaneous enhancements in the mechanical, thermal stability, and flame retardant properties of poly(1,4-butylene terephthalate) nanocomposites with a novel phosphorus–nitrogen-containing polyhedral oligomeric silsesquioxane. RSC Advances, 2017, 7, 54021-54030.	1.7	20
75	Flame–Wall Interaction Effects on Diesel Post-injection Combustion and Soot Formation Processes. Energy & Fuels, 2019, 33, 7759-7769.	2.5	20
76	Natural Ventilated Smoke Control Simulation Case Study Using Different Settings of Smoke Vents and Curtains in a Large Atrium. Fire, 2019, 2, 7.	1.2	20
77	Effect of Modified Carbon Nanotube on the Thermal Behavior, Flame Retardancy and Mechanical Properties of Poly(1,4-butylene terephthalate)/Aluminum Phosphinate Composites. Industrial & Engineering Chemistry Research, 2014, 53, 18489-18496.	1.8	18
78	Facile preparation of modified carbon nanotube‑reinforced PBT nanocomposites with enhanced thermal, flame retardancy, and mechanical properties. Polymer Composites, 2016, 37, 1812-1820.	2.3	18
79	Computational Study of Wet Steam Flow to Optimize Steam Ejector Efficiency for Potential Fire Suppression Application. Applied Sciences (Switzerland), 2019, 9, 1486.	1.3	18
80	Color-ratio pyrometry methods for flame–wall impingement study. Journal of the Energy Institute, 2019, 92, 1968-1976.	2.7	18
81	Investigation of door width towards flame tilting behaviours and combustion species in compartment fire scenarios using large eddy simulation. International Journal of Heat and Mass Transfer, 2020, 150, 119373.	2.5	18
82	Improved flame-retardant properties of polydimethylsiloxane/multi-walled carbon nanotube nanocomposites. Journal of Materials Science, 2021, 56, 2192-2211.	1.7	18
83	N/S-Co-Doped Porous Carbon Sheets Derived from Bagasse as High-Performance Anode Materials for Sodium-Ion Batteries. Nanomaterials, 2019, 9, 1203.	1.9	17
84	Study of structure morphology and layer thickness of Ti3C2 MXene with Small-Angle Neutron Scattering (SANS). Composites Part C: Open Access, 2021, 5, 100155.	1.5	17
85	Characterisation of soot particle size distribution through population balance approach and soot diagnostic techniques for a buoyant non-premixed flame. Journal of the Energy Institute, 2020, 93, 112-128.	2.7	16
86	Studies on Mechanical Properties, Thermal Degradation, and Combustion Behaviors of Poly(1,4-butylene terephthalate)/Glass Fiber/Cerium Hypophosphite Composites. Industrial & Engineering Chemistry Research, 2012, 51, 8253-8261.	1.8	15
87	Modeling the Response of Magnetorheological Fluid Dampers under Seismic Conditions. Applied Sciences (Switzerland), 2019, 9, 4189.	1.3	15
88	Simulation of competitive and cooperative egress movements on the crowd emergency evacuation. Simulation Modelling Practice and Theory, 2021, 109, 102309.	2.2	15
89	Comparative study on thermal decomposition and combustion behavior of glass‑fiber reinforced poly(1,4‑butylene terephthalate) composites containing trivalent metal (Al, La, Ce) hypophosphite. Polymer Composites, 2013, 34, 1832-1839.	2.3	14
90	Study of Morphology and Optical Properties of Gold Nanoparticle Aggregates under Different pH Conditions. Langmuir, 2018, 34, 10340-10352.	1.6	14

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91	Flame retardant poly (lactic acid) biocomposites based on azo–boron coupled 4,4′–sulfonyldiphenol and its combination with calcium lignosulfonate—Crystalline and mechanical properties. Polymers for Advanced Technologies, 2019, 30, 2207-2220.	1.6	13
92	Multiphase CFD modelling for enclosure fires—A review on past studies and future perspectives. Experimental and Computational Multiphase Flow, 2022, 4, 1-25.	1.9	13
93	An Investigation towards Coupling Molecular Dynamics with Computational Fluid Dynamics for Modelling Polymer Pyrolysis. Molecules, 2022, 27, 292.	1.7	12
94	Influence of Eddy-Generation Mechanism on the Characteristic of On-Source Fire Whirl. Applied Sciences (Switzerland), 2019, 9, 3989.	1.3	11
95	Flame behaviour, fire hazard and fire testing approach for lightweight composite claddings – a review. Journal of Structural Fire Engineering, 2021, 12, 257-292.	0.4	11
96	Three-Dimensional Superhydrophobic Hollow Hemispherical MXene for Efficient Water-in-Oil Emulsions Separation. Nanomaterials, 2021, 11, 2866.	1.9	11
97	Study of Ignition and Combustion Characteristics of Consecutive Injections with *iso*-Octane and *n*-Heptane as Fuels. Energy & Fuels, 2020, 34, 14741-14756.	2.5	10
98	A novel stochastic approach to study water droplet/flame interaction of water mist systems. Numerical Heat Transfer; Part A: Applications, 2021, 79, 570-593.	1.2	10
99	Recent Advances in Zinc Hydroxystannate-Based Flame Retardant Polymer Blends. Polymers, 2022, 14, 2175.	2.0	10
100	A novel thermal management system for battery packs in hybrid electrical vehicles utilising waste heat recovery. International Journal of Heat and Mass Transfer, 2022, 195, 123199.	2.5	10
101	The influence of multiwalled carbon nanotubes–NiCoAl layered double hydroxide hybrids on fire safety performance of poly(ethylene–co–vinyl acetate) composites. Polymer Composites, 2018, 39, E835.	2.3	9
102	Numerical investigation of expandable graphite suppression on metal-based fire. Heat and Mass Transfer, 2022, 58, 65-81.	1.2	9
103	Pyrolysis and combustion characterisation of HDPE/APP composites via molecular dynamics and CFD simulations. Journal of Analytical and Applied Pyrolysis, 2022, 163, 105499.	2.6	9
104	Sensitivity Analysis of Key Parameters for Population Balance Based Soot Model for Low-Speed Diffusion Flames. Energies, 2019, 12, 910.	1.6	8
105	A Steam Ejector Refrigeration System Powered by Engine Combustion Waste Heat: Part 2. Understanding the Nature of the Shock Wave Structure. Applied Sciences (Switzerland), 2019, 9, 4435.	1.3	7
106	Spray and Combustion Characteristics of Gasoline-like Fuel under Compression-Ignition Conditions. Energy & Fuels, 2020, 34, 16585-16598.	2.5	6
107	Facile preparation of uniform polydopamine particles and its application as an environmentally friendly flame retardant for biodegradable polylactic acid. Journal of Fire Sciences, 2020, 38, 485-503.	0.9	6
108	Numerical Study of the Comparison of Symmetrical and Asymmetrical Eddy-Generation Scheme on the Fire Whirl Formulation and Evolution. Applied Sciences (Switzerland), 2020, 10, 318.	1.3	6

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109	Broadband Visible Light-Absorbing [70]Fullerene-BODIPY-Triphenylamine Triad: Synthesis and Application as Heavy Atom-Free Organic Triplet Photosensitizer for Photooxidation. Molecules, 2021, 26, 1243.	1.7	6
110	Wet or dry multifunctional coating prepared by visible light polymerisation with fire retardant, thermal protective, and antimicrobial properties. Cellulose, 2021, 28, 8821-8840.	2.4	6
111	Testing of aluminium composite panels in a cone calorimeter: A new specimen preparation method. Polymer Testing, 2022, 106, 107454.	2.3	6
112	A Steam Ejector Refrigeration System Powered by Engine Combustion Waste Heat: Part 1. Characterization of the Internal Flow Structure. Applied Sciences (Switzerland), 2019, 9, 4275.	1.3	5
113	Rigid axially symmetrical C_{60}-BODIPY triplet photosensitizers: effect of bridge length on singlet oxygen generation. New Journal of Chemistry, 2020, 44, 20419-20427.	1.4	5
114	Capturing the Swirling Vortex and the Impact of Ventilation Conditions on Small-Scale Fire Whirls. Applied Sciences (Switzerland), 2020, 10, 3428.	1.3	5
115	Numerical assessment of LES subgrid-scale turbulence models for expandable particles in fire suppression. Experimental and Computational Multiphase Flow, 2023, 5, 99-110.	1.9	5
116	A systematic approach to formulate numerical kinetics for furnishing materials fire simulation with validation procedure using cone/FT-IR data. Heat and Mass Transfer, 0, , 1.	1.2	5
117	Peanut Shell Derived Carbon Combined with Nano Cobalt: An Effective Flame Retardant for Epoxy Resin. Molecules, 2021, 26, 6662.	1.7	5
118	Quantitative Electrophoretic Study of the Modification of Sperm Plasma Membrane by the Ampullary Gland in the Golden Hamster. Archives of Andrology, 1995, 34, 53-61.	1.0	4
119	Numerical modeling of wet steam infused fluid mixture for potential fire suppression applications. Experimental and Computational Multiphase Flow, 2023, 5, 142-148.	1.9	3
120	A multiphase approach for pyrolysis modelling of polymeric materials. Experimental and Computational Multiphase Flow, 0, , 1.	1.9	3
121	Electrophoretic Modification of Sperm Plasma Membrane by Ventral Prostate Secretion in Golden Hamsters. Archives of Andrology, 1995, 35, 13-20.	1.0	2
122	Numerical Study on Small-Scale Fire Whirl using Large Eddy Simulation. , 0, , .		2
123	Studies on the thermal properties of poly(1,4-butylene terephthalate)/microencapsulated ammonium polyphosphate composites. High Performance Polymers, 2014, 26, 884-891.	0.8	1
124	Thermal properties of emulsion polymerized polystyrene/Î±â€‘type zirconium phosphate/multiwalled carbon nanotubes nanocomposites. Polymer Composites, 2017, 38, E314.	2.3	1
125	Investigation on Dry Band Arcing Induced Tracking Failure on Nanocomposites of EPDM Matrix. , 2019, , .		1
126	â€œSlower is Fasterâ€•by Considering of Give-way Evacuation Behavior. , 2019, , .		1

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127	Numerical Study of Surface Regression of a Flame Retarded Expandable Polystrene. Lecture Notes in Civil Engineering, 2020, , 149-158.	0.3	1
128	Development of Wall-Adapting Local Eddy Viscosity Model for Study of Fire Dynamics in a Large Compartment. Applied Mechanics and Materials, 0, 444-445, 1579-1591.	0.2	0
129	Synthesis of iron oxides intercalated montmorillonite and α‑zirconium phosphate particles and their applications in polystyrene composites. Journal of Applied Polymer Science, 2015, 132, .	1.3	0
130	LARGE EDDY SIMULATION OF FIRE IN A LARGE TEST HALL. , 2012, , .		0
131	The Importance of Detail Reaction Mechanisms For Temperature Field Predictions in Compartment Fires. , 2014, , .		0
132	Capturing the flame structure and the transition process of the fire whirl using two combustion kinetic considerations. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, ahead-of-print, .	1.6	0
133	Flame Retardant Polyurethane Nanocomposites. ACS Symposium Series, 0, , 221-238.	0.5	0