# Peili Zhang

List of Publications by Year
in descending order



| 16 | 272 | 1163117 8 | 996975 15 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 16 | 16 | 16 | 130 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dynamic analysis of flame propagation velocity at the initial stage of gasoline-air explosion in a tube with an open end. Journal of Physics: Conference Series, 2021, 2012, 012006. | 0.4 | 0 |
| 2 | Effects of concentration, temperature, ignition energy and relative humidity on the overpressure transients of fuel-air explosion in a medium-scale fuel tank. Fuel, 2020, 259, 116265. | 6.4 | 25 |
| 3 | Explosions of gasoline vapor/air mixture in closed vessels with different shapes and sizes. Journal of Loss Prevention in the Process Industries, 2019, 57, 327-334. | 3.3 | 17 |
| 4 | Equivalent analysis of the explosion overpressure of gasoline vaporâ€“air mixture by using isooctane equivalence ratio. Journal of Thermal Analysis and Calorimetry, 2019, 137, 1775-1781. | 3.6 | 6 |
| 5 | Experimental analysis of the flame speed, brightness and zone thickness of gasoline-air explosion in a closed tunnel. Journal of Loss Prevention in the Process Industries, 2018, 53, 129-135. | 3.3 | 8 |
| 6 | Study on Gasoline-Air Mixture Deflagration Flame with Different Equivalence Ratios in a Closed Vessel. Combustion Science and Technology, 2018, 190, 20-31. | 2.3 | 6 |
| 7 | Effects of concentration, temperature, humidity, and nitrogen inert dilution on the gasoline vapor explosion. Journal of Hazardous Materials, 2017, 323, 593-601. | 12.4 | 59 |
| 8 | Large eddy simulation and experimental study on vented gasoline-air mixture explosions in a semi-confined obstructed pipe. Journal of Hazardous Materials, 2017, 339, 131-142. | 12.4 | 40 |
| 9 | The secondary explosion phenomenon of gasoline-air mixture in a confined tunnel. IOP Conference Series: Earth and Environmental Science, 2017, 64, 012008. | 0.3 | 4 |
| 10 | Experimental Study on the Explosion of Gasoline-air Mixture in Reduced-scale Storage Tank. Open Petroleum Engineering Journal, 2016, 9, 150-158. | 0.6 | 1 |
| 11 | Flame regime estimations of gasoline explosion in a tube. Journal of Loss Prevention in the Process Industries, 2015, 33, 304-310. | 3.3 | 13 |
| 12 | Experiments of gasolineâ€“air mixture explosion suppression by non-premixed nitrogen in a closed tunnel. Journal of Thermal Analysis and Calorimetry, 2015, 121, 885-893. | 3.6 | 8 |
| 13 | Flame Behavior of Gasoline-Air Explosion Suppression by Non-Premixed Nitrogen in a Closed Tube. Biotechnology, 2015, 14, 92-96. | 0.1 | 1 |
| 14 | Experiments of the secondary ignition of gasolineâ€“air mixture in a confined tunnel. Journal of Thermal Analysis and Calorimetry, 2014, 118, 1773-1780. | 3.6 | 12 |
| 15 | Suppressions of gasoline-air mixture explosion by non-premixed nitrogen in a closed tunnel. Journal of Loss Prevention in the Process Industries, 2014, 31, 113-120. | 3.3 | 28 |
| 16 | Explosions of gasolineâ€“air mixture in the tunnels containing branch configuration. Journal of Loss Prevention in the Process Industries, 2013, 26, 1279-1284. | 3.3 | 44 |