# Bryan W Weber

List of Publications by Year
in descending order



| 14 | 968 | 759055 12 | 1125617 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 820 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | An experimental and modeling study of propene oxidation. Part 2: Ignition delay time and flame speed measurements. Combustion and Flame, 2015, 162, 296-314. | 2.8 | 270 |
| 2 | Autoignition of n-butanol at elevated pressure and low-to-intermediate temperature. Combustion and Flame, 2011, 158, 809-819. | 2.8 | 149 |
| 3 | A comprehensive experimental and modeling study of iso-pentanol combustion. Combustion and Flame, 2013, 160, 2712-2728. | 2.8 | 95 |
| 4 | Experiments and modeling of the autoignition of methylcyclohexane at high pressure. Combustion and Flame, 2014, 161, 1972-1983. | 2.8 | 92 |
| 5 | A detailed combined experimental and theoretical study on dimethyl ether/propane blended oxidation. Combustion and Flame, 2016, 168, 310-330. | 2.8 | 85 |
| 6 | Comparative Autoignition Trends in Butanol Isomers at Elevated Pressure. Energy & Fuels, 2013, 27, 1688-1698. | 2.5 | 80 |
| 7 | On the uncertainty of temperature estimation in a rapid compression machine. Combustion and Flame, 2015, 162, 2518-2528. | 2.8 | 75 |
| 8 | Development of Isopentanol Reaction Mechanism Reproducing Autoignition Character at High and Low Temperatures. Energy & Fuels, 2012, 26, 4871-4886. | 2.5 | 46 |
| 9 | ChemKED: A Humanâ€•and Machineâ€Readable Data Standard for Chemical Kinetics Experiments. International Journal of Chemical Kinetics, 2018, 50, 135-148. | 1.0 | 17 |
| 10 | Experiments and modeling of the autoignition of methyl pentanoate at low to intermediate temperatures and elevated pressures in a rapid compression machine. Fuel, 2018, 212, 479-486. | 3.4 | 16 |
| 11 | An experimental and modeling study of dimethyl ether/methanol blends autoignition at low temperature. Combustion and Flame, 2018, 198, 89-99. | 2.8 | 16 |
| 12 | Autoignition of methyl propanoate and its comparisons with methyl ethanoate and methyl butanoate. Combustion and Flame, 2018, 188, 116-128. | 2.8 | 13 |
| 13 | Autoignition study of tetralin in a rapid compression machine at elevated pressures and low-to-intermediate temperatures. Fuel, 2015, 159, 436-445. | 3.4 | 12 |
| 14 | Climbing Bloomâ€™s Taxonomy With Jupyter Notebooks: Experiences in Mechanical Engineering. , 2019, , . | | 2 |