

CITATION REPORT

List of articles citing

Laminar flame speeds of pentanol isomers: An experimental and modeling study

DOI: 10.1016/j.combustflame.2015.11.012
Combustion and Flame, 2016, 166, 1-18.

Source: <https://exaly.com/paper-pdf/65197792/citation-report.pdf>

Version: 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 44 | Experimental and modeling study of styrene oxidation in spherical reactor and shock tube. <i>Combustion and Flame</i> , 2016 , 173, 425-440 | 5.3 | 8 |
| 43 | A Kinetic Modelling Study of Alcohols Operating Regimes in a HCCI Engine. <i>SAE International Journal of Engines</i> , 2017 , 10, 2354-2370 | 2.4 | 16 |
| 42 | Effects of oxygen enrichment and water dilution on laminar methane flames at high pressure. <i>Fuel</i> , 2018 , 225, 499-508 | 7.1 | 13 |
| 41 | Construction of a skeletal oxidation mechanism of n-pentanol by integrating decoupling methodology, genetic algorithm, and uncertainty quantification. <i>Combustion and Flame</i> , 2018 , 194, 15-27 | 5.3 | 25 |
| 40 | Combustion Inhibition of Aluminum-Methane-Air Flames by Fine NaCl Particles. <i>Energies</i> , 2018 , 11, 3147 | 3.1 | 10 |
| 39 | Decomposition and isomerization of 1-pentanol radicals and the pyrolysis of 1-pentanol. <i>Combustion and Flame</i> , 2018 , 196, 500-514 | 5.3 | 13 |
| 38 | A comprehensive review of measurements and data analysis of laminar burning velocities for various fuel+air mixtures. <i>Progress in Energy and Combustion Science</i> , 2018 , 68, 197-267 | 33.6 | 198 |
| 37 | Combustion properties of H ₂ /N ₂ /O ₂ /steam mixtures. <i>Proceedings of the Combustion Institute</i> , 2019 , 37, 1537-1546 | 5.9 | 14 |
| 36 | Fast-flame limit for hydrogen/methane-air mixtures. <i>Proceedings of the Combustion Institute</i> , 2019 , 37, 3661-3668 | 5.9 | 7 |
| 35 | An experimental and modeling study of the oxidation of 3-pentanol at high pressure. <i>Proceedings of the Combustion Institute</i> , 2019 , 37, 477-484 | 5.9 | 7 |
| 34 | High-speed video analysis of flame oscillations along a PMMA rod after stagnation region blowoff. <i>Proceedings of the Combustion Institute</i> , 2019 , 37, 1555-1562 | 5.9 | 10 |
| 33 | Experimental and kinetic modeling study on flow reactor pyrolysis of iso-pentanol: Understanding of iso-pentanol pyrolysis chemistry and fuel isomeric effects of pentanol. <i>Fuel</i> , 2019 , 257, 116039 | 7.1 | 8 |
| 32 | Experimental and kinetic modeling study of laminar flame characteristics of higher mixed alcohols. <i>Fuel Processing Technology</i> , 2019 , 188, 30-42 | 7.2 | 15 |
| 31 | Combustion properties of n-heptane/hydrogen mixtures. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 2039-2052 | 6.7 | 10 |
| 30 | Measurement of laminar burning velocity of n-pentanol + air mixtures at elevated temperatures and a skeletal kinetic model. <i>Fuel</i> , 2019 , 237, 10-17 | 7.1 | 15 |
| 29 | Combustion of -C-C Linear Alcohols: An Experimental and Kinetic Modeling Study. Part I: Reaction Classes, Rate Rules, Model Lumping, and Validation. <i>Energy & Fuels</i> , 2020 , 34, 14688-14707 | 4.1 | 8 |
| 28 | Spherically expanding flame in silane-hydrogen-nitrous oxide-argon mixtures. <i>Combustion and Flame</i> , 2020 , 221, 150-159 | 5.3 | 3 |

| | | | |
|----|---|-----|----|
| 27 | A review of laminar flame speeds of hydrogen and syngas measured from propagating spherical flames. <i>Applications in Energy and Combustion Science</i> , 2020 , 1-4, 100008 | 0.8 | 3 |
| 26 | Combustion of -C-C Linear Alcohols: An Experimental and Kinetic Modeling Study. Part II: Speciation Measurements in a Jet-Stirred Reactor, Ignition Delay Time Measurements in a Rapid Compression Machine, Model Validation, and Kinetic Analysis. <i>Energy & Fuels</i> , 2020 , 34, 14708-14725 | 4.1 | 10 |
| 25 | Oxidation kinetics of n-pentanol: A theoretical study of the reactivity of the 1-hydroxy-1-peroxyethyl radical. <i>Combustion and Flame</i> , 2020 , 219, 20-32 | 5.3 | 11 |
| 24 | Impact of shock-tube facility-dependent effects on incident- and reflected-shock conditions over a wide range of pressures and Mach numbers. <i>Combustion and Flame</i> , 2020 , 217, 200-211 | 5.3 | 22 |
| 23 | Utilization of Pentanol as Biofuels in Compression Ignition Engines. <i>Frontiers in Mechanical Engineering</i> , 2020 , 6, | 2.6 | 6 |
| 22 | An experimental and kinetic modeling study on nitric oxide formation in premixed C3 alcohols flames. <i>Proceedings of the Combustion Institute</i> , 2021 , 38, 805-812 | 5.9 | 9 |
| 21 | Oxidation of pentan-2-ol Part II: Experimental and modeling study. <i>Proceedings of the Combustion Institute</i> , 2021 , 38, 833-841 | 5.9 | 2 |
| 20 | Laminar flame speed and shock-tube multi-species laser absorption measurements of Dimethyl Carbonate oxidation and pyrolysis near 1 atm. <i>Proceedings of the Combustion Institute</i> , 2021 , 38, 977-985 | 5.9 | 7 |
| 19 | Higher Alcohol and Ether Biofuels for Compression-Ignition Engine Application: A Review with Emphasis on Combustion Kinetics. <i>Energy & Fuels</i> , 2021 , 35, 1890-1917 | 4.1 | 23 |
| 18 | Development of a Reduced Chemical Reaction Mechanism for -Pentanol Based on Combined Reduction Methods and Genetic Algorithm. <i>ACS Omega</i> , 2021 , 6, 6448-6459 | 3.9 | 0 |
| 17 | High-temperature oxidation of propanol isomers in the mixtures with N2O at high Ar dilution conditions. <i>Fuel</i> , 2021 , 287, 119499 | 7.1 | 1 |
| 16 | Selective hydroconversion of 2-methylfuran to pentanols on MWNT-supported Pt catalyst at ambient temperature. <i>Rare Metals</i> , 1 | 5.5 | 2 |
| 15 | Theoretical and Experimental Study of 3-Pentanol Autoignition: Ab Initio Calculation, Shock Tube Experiments, and Kinetic Modeling. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 5976-5989 | 2.8 | 1 |
| 14 | Tailored mixture properties for accurate laminar flame speed measurement from spherically expanding flames: Application to H2/O2/N2/He mixtures. <i>Combustion and Flame</i> , 2021 , 231, 111487 | 5.3 | 3 |
| 13 | Laminar Flame Speeds and Ignition Delay Times of Gasoline/Air and Gasoline/Alcohol/Air Mixtures: The Effects of Heavy Alcohol Compared to Light Alcohol. <i>Energy & Fuels</i> , 2021 , 35, 14913-14923 | 4.1 | 6 |
| 12 | Exploring the fuel structure dependence of laminar burning velocity: A machine learning based group contribution approach. <i>Combustion and Flame</i> , 2021 , 232, 111525 | 5.3 | 5 |
| 11 | Other Higher Alcohols. <i>Green Energy and Technology</i> , 2019 , 371-404 | 0.6 | |
| 10 | Experimental study of stratified lean burn characteristics on a dual injection gasoline engine. <i>Frontiers in Energy</i> , 1 | 2.6 | 0 |

| | | | |
|---|--|-----|---|
| 9 | Combustion analysis of higher order alcohols blended gasoline in a spark ignition engine using endoscopic visualization technique. <i>Fuel</i> , 2022 , 322, 124134 | 7.1 | 1 |
| 8 | Experimental and kinetic modeling studies of laminar flame speed of n-butanol/ethanol blends. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2022 , 44, | 2 | |
| 7 | Laminar flame speeds and ignition delay times for isopropyl nitrate and propane blends. <i>Combustion and Flame</i> , 2022 , 242, 112187 | 5.3 | 1 |
| 6 | Development of skeletal oxidation mechanisms for linear alcohols from C4 to C10 based upon reaction rate rules. 2022 , 245, 112351 | | 0 |
| 5 | Absolute and real time experimental radiative loss measurements of spherical expanding free flames: FAIRS (Fast Absolute InfraRed Sensor) An innovative technique. 2022 , 93, 095103 | | 0 |
| 4 | Reaction zone characteristics of iso-pentanol swirl spray flames using OH-PLIF and 2C-LII. 2022 , | | 0 |
| 3 | Experimental and kinetic modeling study of 1-methylnaphthalene laminar flame speeds. 2022 , | | 0 |
| 2 | NO emission characteristics of iso-pentanol swirl spray flames using NO-PLIF. 2023 , | | 0 |
| 1 | Small alcohols as biofuels: Status and needs for experimental data, theoretical calculations, and chemical kinetic modeling. 2023 , 209-233 | | 0 |