References

The majority of the references used in the writing of these articles are only available in Japanese, and therefore not listed at the end of the English translation.

Much of the information on new vehicles, models, systems, or products was retrieved from the local websites of the manufacturers and may therefore also be available on the English version of their websites.

Articles with references available in English are listed below.

The Socioeconomic Situation Surrounding the Automobile Industry

- IHS Markit: Light Vehicle Sales

Conservation of Resources in the Automobile Industry

- Hydrogen Roadmap Europe, https://www.fch.europa.eu/news/hydrogen-roadmap-europe-sustainable-pathway-european-energy-transition
- California Fuel Cell Partnership: The California Fuel Cell Revolution, https://cafcp.org/sites/default/files/CAFCR.pdf
- BP: Statistical Review of World Energy 67th Edition, 2019
- GWEC: GLOBAL WIND REPORT 2019
- REN21: RENEWABLES 2018 GLOBAL STATUS REPORT, 2019
- F.O. Licht: World Ethanol & Biofuels report, Vol. 18, No. 4 (2019)

Gasoline Engines

- European Commission website, https://ec.europa.eu/

Diesel Engines

- Volkswagen website, https://uploads.volkswagen-newsroom.com/system/production/uploaded_files/14880/file/ebf1594375eb6d49a218d6efc7b89708425d6281/The_New_Passat_The_Update_29_08_19.pdf, https://www.volkswagen-newsroom.com/en/press-releases/innovative-twin-dosing-reduces-nox-emissions-by-approx-80-percent-5281
- GM website, https://media.chevrolet.com/media/us/en/chevrolet/home.detail.html/content/Pages/news/us/en/2019/jun/0603-silverado.html, https://www.chevrolet.com/trucks/silverado/1500
- FCA website, https://media.fcanorthamerica.com/newsrelease.do?id=20851, https://media.fcanorthamerica.com/newsrelease.do?id=21142, https://www.ramtrucks.com/2020/ram-1500/capability.html
- MAN Truck and Bus website, https://www.truck.man.eu/de/en/trucks/tgx/overview/tgx.html, https://www.ordemengenheiros.pt/fotos/dossier_artigo/04_man_1672255165b19472c2e260.pdf
- Volvo Trucks USA website, https://www.volvotrucks.us/news-and-stories/press-releases/2019/august/volvo-trucks-introduces-enhanced-turbo-compound-engine-in-vnl-models/, https://www.volvotrucks.us/trucks/d13tc/
- Scania website, https://www.scania.com/group/en/wp-content/uploads/sites/2/2019/08/scania-adds-a-540-hp-version-to-its-13-litre-engine-range.pdf, https://www.scania.com/group/en/press-kit-scania-adds-fifth-output-step-to-its-13-litre-range/

Engine for Alternative Fuels

- NGV Global, http://www.iangv.org/current-ngv-stats/
- NGV Global, http://www.iangv.org/2016/12/ngv-statistics-updated/#more-2211
- T. Tsujimura, et al.: Development of a large-sized direct injection hydrogen engine for a stationary power generator, IJHE, Vol. 44, Iss. 22, April 2019, p. 11355─11369

- D. T. Koch, et al.: H2-Engine Operation with EGR Achieving High Power and High Efficiency Emission-Free Combustion, 2019 JSAE/SAE PFL Int'l Meeting, SAE 2019-01-2178 (JSAE 20199287) (Aug. 2019)
- G. Li, et al.: Performance and emissions characteristics of a lean-burn marine natural gas engine with the addition of hydrogen-rich reformate, IJHE, Vol. 44, Iss. 59, Nov. 2019, p. 31544─31556
- DME Sustainable Mobility Workshop, Berlin, Germany (May 2019)
- ALIGN-CCUS, https://www.alignccus.eu/
- SHV Energy, https://www.shvenergy.com/

Drivetrain

- CTI Symposium 2019, "Innovative and integrated multi-speed EDU"

Chassis, Control Systems and Equipment

- Daimler AG global website, https://media.daimler.com/

Vibration, Noise and Ride Quality

- Mandal, et al.: Vibration Rating Prediction Using Machine Learning in a Dynamic Skip Fire Engine, SAE Int. J. Advances & Curr. Prac. in Mobility, Vol. 1, No. 4, p. 1491─1501, 2019-01-1054 (2019)
- Ortega Almirón, et al.: Structure-Borne Prediction on a Tire-Suspension Assembly Using Experimental Invariant Spindle Forces, SAE Technical Paper, 2019-01-1541 (2019)
- Chilbule, et al.: Analysis of Changes in Disc-Brake Squeal Characteristic due to Regenerative Braking Simulation on Brake-Inertia-Dynamometer, SAE Technical Paper, 2019-26-0203 (2019)
- Joshi, et al.: BIOT's Parameters Evaluation and Prediction of Flat and Molded Dash Panel Acoustic Performance and It's Validation, SAE Technical Paper, 2019-26-0195 (2019)
- Bhagat, et al.: Determination of the Polyurethane Parameters for Riding Comfort Evaluation in Automobile Seating Application, SAE Technical Paper, 2019-01-0931 (2019)

Materials

- Automotive Circle: EURO CAR BODY 2019, http://www.automotivecircle.com/Review/EuroCarBody-2019 (Referenced March 9, 2020)
- Shentong Technology Group website, http://www.shentong-china.com/index.asp (Chinese and English)

Fuel, Lubricant and Grease

- D. Thomas, et al.: Investigating the impact of gasoline lubricity on the high pressure pumps operation, SAE 2019-01-2213
- T. Naiki, et al.: Effects of Fuel Chemical Species on Lean Limit in Gasoline Engines, Journal of the Japan Petroleum Institute, 62 (6), 303─308 (2019)
- S. Sakaida, et al.: Effect of exhaust Gas Composition on EGR Deposit Foramation, SAE 2019-01-2358
- K. Fujimoto, et al.: Engine oil development for preventing pre-ignition in turbocharged gasoline engine, SAE 2014-01-2785
- A. Iijima, et al.: Influence of Ca-, Mg- and Na-based engine oil additives on abnormal combustion in a spark-ignition engine, SAE 2015-32-0771
- K. Shimizu, et al.: Influence of calcium-based additives with different properties on abnormal combustion in an SI engine, SAE 2016-32-0007
- API 1509, Engine oil licensing and certification system, 18th edition, June 2019 (amended

July 10, 2019)
- Y. Tamoto, et al.: Possibilities of ultra low viscosity fuel saving gasoline engine oil, SAE 2004-01-1936
- Lubrizol360.com, https://360.lubrizol.com/2019/ACEA%20European%20Oil%20Sequences%20Update
- K. Yamamoto, et al.: The study of friction modifiers to improve fuel economy for WLTP with low and ultra-low viscosity engine oil, SAE 2019-01-2205
- K. Onodera, et al.: Fuel economy improvement by engine oil with ultra-high viscosity index, SAE 2019-01-2203
- C. Nicolas, et al.: Development of low viscosity 0W-16 fuel-saving engine oil using a synergistic optimization of an innovative vase oil and performant additives while maintain engine durability in a ILSAC GF-6B environment, SAE 2019-01-2240
- R. Zhang, et al.: A study into the impact of engine oil on gasoline particulate filter performance through a real-world fleet test, SAE 2019-01-0199
- https://globuc.com/news/acea-2018-delayed-until-2020/
- L. S. Pereira, et al.: A study of lubricant oil degradation in diesel engine by computational simulation: 2019 ICESI, Tokyo, Japan, 2019, p. 1─4
- Anh Tuan Hong, et al.: A study of emission characteristic, deposits, and lubrication oil degradation of a diesel engine running on preheated vegetable oil and diesel oil. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 41.5 (2019): 611─625
- Andras Lajos Nagy, et al.: Investigation of Used Engine Oil Lubricating Performance Through Oil Analysis and Friction and Wear Measurements, Acta Technica Jaurinensis, 12.3 (2019): 237─251
- J. Waonng, et al.: Engine Oil Degradation Induced by Biodiesel: Effect of Methyl Oleate on the Performance of Zinc Dialkyldithiophosphate, ACS omega 4.14 (2019): 16166─16170
- T. Iwai, et al.: Development of Chain Type CVT Fluid, VDI CVT Conference, Baden-Baden (2019)