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SAE International's Scholarly Journals encompass all areas relevant to ground vehicle, commercial vehicle, and aerospace engineering technology, including sustainable transportation, connected and automated vehicles, transportation cybersecurity and privacy, electronic and mechanical systems, engines, fuels and lubricants, transportation safety, materials and manufacturing, vehicle dynamics, and alternative powertrains. SAE connects and educates mobility professionals to facilitate safe, clean, and accessible mobility solutions. Our Journals meet the needs of academic and industry authors, researchers, and readers in a manner that is tailored for the discovery, integration, and application of research. Aligning with SAE's broader mission, the Journals publish state-of-the-art, rigorously peer-reviewed articles that advance mobility knowledge and solutions for the benefit of humanity.

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Kimberly J. Martin

Editorial Director, Journals and Technical Papers

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SAE INTERNATIONAL JOURNAL OF AEROSPACE

The preeminent source for peer-reviewed, cutting-edge engineering research within the aerospace industry, this Journal is an essential resource for anyone in academia, industry, and government seeking the latest studies and technology in aerospace engineering. In addition to being identified as a collection of some of the best published technical articles on current technology, the Journal archives historic findings and also illuminates the future of aerospace engineering and how we plan to get there. The Journal covers a range of subject areas, including propulsion, safety and reliability, software, systems, rotorcraft, maintenance, and general aviation.

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Indexed in:

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Publication Schedule: 2 issues per year (June, December)

Articles per Issue: 4-6



SAE INTERNATIONAL JOURNAL OF ALTERNATIVE POWERTRAINS

The Journal provides a forum for peer-reviewed scholarly publication of original research and review articles that address challenges and present opportunities in alternative and electric powertrains and propulsion technology. The Journal strives to facilitate discussion between researchers, engineers, academic faculty and students, and industry practitioners working with systems and components, as well as the technological aspects and functions of powertrains and propulsion systems alternative to the traditional combination of internal combustion engine and mechanical transmission. The editorial scope of the Journal includes all technical aspects of alternative propulsion technologies, including, but not limited to, electric drives and electromobility systems, hybrid technology, battery and super-capacitor technology, power electronics, hydraulic drives, energy storage systems for automotive applications, fuel cell technology, and charging and smart grid infrastructures.

sae.org/publications/collections/content/E-JOURNAL-08/

Indexed in:

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Publication Schedule: 2 issues per year (July, December)

Articles per Issue: 4-6



SAE INTERNATIONAL JOURNAL OF COMMERCIAL VEHICLES

The journal showcases state-of-the-art engineering research by promoting high-quality theoretical and applied investigations. The Journal achieves this goal by publishing only those peer-reviewed scientific articles on the design, modeling, controlling, and testing of commercial vehicles that bring strong empirical and theoretical contributions to the current and future body of knowledge. Topics of interest include, but are not limited to, vehicle dynamics, green design, modeling, performance optimization, electronic and mechatronic systems, crashworthiness, reliability analysis, driver-assistance and autonomous systems, and energy conservation and recovery.

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Publication Schedule: 4 issues per year (March, June, September, December)

Articles per Issue: 6-10



NEW

SAE INTERNATIONAL JOURNAL OF CONNECTED AND AUTOMATED VEHICLES

This Journal furthers cutting-edge engineering research by promoting high-quality theoretical and applied investigations in the arena of connected and automated vehicles (CAVs) in on-road, off-road, and aerial operational environments. The enormous growth in the numbers, diversity, and complexity of CAVs has been driven by: (i) enhancements of fundamental scientific understanding; (ii) technological convergence of computing, communication, and miniaturization; and (iii) increased scale and complexity of tangible embodiments and engineering implementations at the component-, subsystem-, and system-levels. The Journal seeks to further these goals by publishing peer-reviewed scientific articles that showcase strong theoretical and empirical contributions and findings to the body of engineering knowledge surrounding various facets of the lifecycle treatment (design, modeling, controlling, testing, demonstration, and experimentation) of connected and automated vehicles with an emphasis on the system perspective.

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e-First Access: saemobilus.sae.org/content/V127-12EJ/efirst

Publication Schedule: 4 issues per year (March, June, September, December)

Articles per Issue: 4-6



SAE INTERNATIONAL JOURNAL OF ENGINES

The Journal is dedicated to research on internal combustion engine science and engineering. The Journal spotlights innovative and archival peer-reviewed technical articles on all aspects of internal combustion engine development, including research, design, analysis, control, and emissions. Of great value to researchers and engineers in the area of engine research and development, the Journal publishes only those articles that are deemed to have significant and long-term impact on engine development and design.

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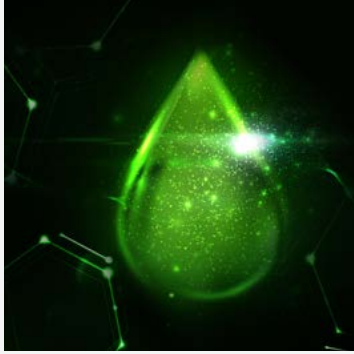
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Publication Schedule: 5 issues per year (February, April, June, August, October)

Articles per Issue: 8-12



SAE INTERNATIONAL JOURNAL OF FUELS AND LUBRICANTS

The Journal provides peer-reviewed research with a focus on fuels and lubricants in automotive engineering. The Journal is a primary source of information for comprehensive and innovative research in the areas of fuels, lubricants, additives, and catalysts, and reflects the transitions from the traditional to the cutting-edge realm of these technologies.

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Publication Schedule: 3 issues per year (March, July, December)

Articles per Issue: 4-6



SAE INTERNATIONAL JOURNAL OF MATERIALS AND MANUFACTURING

The Journal publishes authoritative and in-depth, peer-reviewed research in the areas of materials, design, and manufacturing. In addition to analytical findings, the Journal addresses integration and implementation of scientific and engineering practices that advance the field and benefit society.

sae.org/publications/collections/content/E-JOURNAL-05/

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Publication Schedule: 3 issues per year (March, June, October)

Articles per Issue: 6-8



SAE INTERNATIONAL JOURNAL OF PASSENGER CARS—ELECTRONIC AND ELECTRICAL SYSTEMS

This journal will be discontinued in 2020 and merged into *SAE International Journal of Connected and Automated Vehicles*.

SAE International Journal of Passenger Cars—Mechanical Systems

The predominant scholarly publication for peer-reviewed research and developments relating to the mechanical systems of light-duty, on-road passenger vehicles, the Journal publishes broadly on topics including, but not limited to, optimization, dynamics, and interiors and exteriors, as well as myriad individual parts, components, assemblies, and systems.

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Publication Schedule: 3 issues per year (February, June, September)

Articles per Issue: 5-7



NEW IN 2020

SAE INTERNATIONAL JOURNAL OF SUSTAINABLE TRANSPORTATION, ENERGY, ENVIRONMENT, & POLICY

This new peer-reviewed Journal will provide a forum for the exchange of novel, innovative, and sound ideas on incorporating and enhancing sustainability from environmental, energy, engineering, public policy, social, and economic perspectives over the entire life cycle of automobiles, aircraft, and other transportation systems that span across diverse landscapes. In particular, this Journal focuses on combining the engineering perspective with one or more of the other aforementioned topics to analyze the potential ways of improving the environmental performance of the transport sector. The Journal will be submitted to Web of Science and Scopus for consideration in 2020.

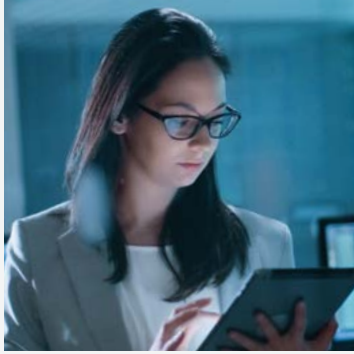
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Publication Schedule: Free preview issue Dec. 2019; May and November 2020

Articles per Issue: 5-8



NEW SAE INTERNATIONAL JOURNAL OF TRANSPORTATION CYBERSECURITY AND PRIVACY

The Journal publishes original scientific, peer-reviewed articles focusing on the Cyber Physical System (CPS) related areas of transportation cybersecurity and privacy. Articles present methods, tools, implementations, and applications of research in transportation cybersecurity and privacy around technologies, cybersecurity engineering process, and security economics and environment. The natural scope includes passenger vehicles and commercial and heavy-duty vehicles, as well as aerospace systems. Additional transportation systems, such as rail and maritime systems, are also in scope. Submitted to Web of Science and Scopus for consideration in 2019.

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Publication Schedule: 2 issues per year (July, December)

Articles per Issue: 4-6



SAE INTERNATIONAL JOURNAL OF TRANSPORTATION SAFETY

The Journal provides a forum for peer-reviewed scholarly works concerning all aspects of injury causation and mitigation associated with any transportation system. This includes safety mechanisms, impact, and injury response and tolerance on multiple scales, with the objective of developing restraint, vehicle, and infrastructure environments that are safer for the occupant, rider, passerby, and warfighter. Broad areas such as biomechanics, crashworthiness, accident reconstruction, and physical and computational modeling are within the Journal's scope.

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Publication Schedule: 2 issues per year (July, December)

Articles per Issue: 5-7



SAE INTERNATIONAL JOURNAL OF VEHICLE DYNAMICS, STABILITY, AND NVH

The Journal publishes original, scholarly research and review papers focusing on vehicle dynamics, stability, noise, vibration, and harshness (NVH). The Journal provides a peer-reviewed platform for researchers, engineers, and academicians to present their advanced theoretical and experimental work for developing quieter, more comfortable, and dynamically superior vehicles that addresses dynamics, stability, and NVH science and technologies of ground, marine, and aerospace vehicles.

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Indexed in

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Publication Schedule: 3 issues per year (January, July, November)

Articles per Issue: 5-7



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