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Essential IEEE Content in Automotive Technology
IEEE content remains crucial to the automotive industry—providing research in a wide variety of topics through the IEEE Xplore digital library.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Documents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hybrid-Electric Vehicles</td>
<td>28,500+</td>
</tr>
<tr>
<td>Ad-hoc, Mesh, M2M and Sensor Networks</td>
<td>133,300+</td>
</tr>
<tr>
<td>Mechatronics</td>
<td>51,000+</td>
</tr>
<tr>
<td>GPS</td>
<td>22,900+</td>
</tr>
<tr>
<td>Autonomous Vehicles</td>
<td>32,800+</td>
</tr>
<tr>
<td>Embedded Systems</td>
<td>39,300+</td>
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<tr>
<td>Cognitive/Agile/Software Defined Radio</td>
<td>29,200+</td>
</tr>
<tr>
<td>MEMS</td>
<td>30,900+</td>
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<tr>
<td>Adaptive Control</td>
<td>46,900+</td>
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<tr>
<td>Collision Avoidance</td>
<td>17,600+</td>
</tr>
</tbody>
</table>

Counts are accurate as of June 2019 and include IEEE/IET content.

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IEEE is cited over 3x more often than any other publisher.
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Journals

- IEEE Vehicular Technology Magazine—#2 in Transportation Science & Technology
- IEEE Transactions on Intelligent Transportation Systems—#4 in Transportation Science & Technology
- IEEE Transactions on Vehicular Technology—#5 in Transportation Science & Technology
- IEEE Transactions on Control Systems Technology
- IEEE Transactions on Electromagnetic Compatibility
- IEEE Intelligent Transportation Systems Magazine
- IEEE Transactions on Power Electronics
- IEEE Sensors Journal
- IEEE Transactions on Intelligent Vehicles
- IEEE Transactions on Transportation Electrification
- IEEE Wireless Communications Letters
- IEEE Wireless Communications Magazine

Source: 2018 Journal Citation Reports, (Clarivate Analytics, 2019)

Conferences

IEEE Forum on Integrated and Sustainable Transportation Systems
IEEE Intelligent Transportation Systems Conference
IEEE Intelligent Vehicles Symposium
IEEE International Conference on Vehicular Electronics and Safety
IEEE International Electric Vehicle Conference
IEEE Vehicle Power and Propulsion Conference
IEEE Vehicular Technology Conference
Workshop on Positioning, Navigation, and Communication

Standards

1653.4 IEEE Standard for DC Traction Power System Field Testing and Acceptance Criteria for System Applications up to 1500 V DC Nominal
1609.12 IEEE Standard for Wireless Access in Vehicular Environments (WAVE)-Identifier Allocations
1512 IEEE Standard for Common Incident Management Message Sets for Use by Emergency Management Centers
1473 IEEE Standard for Communications Protocol Aboard Passenger Trains

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