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This index covers all technical items—papers, correspondence, reviews, etc.—that appeared in this periodical during 2020, and items from previous years that were commented upon or corrected in 2020. Departments and other items may also be covered if they have been judged to have archival value.

The Author Index contains the primary entry for each item, listed under the first author's name. The primary entry includes the coauthors' names, the title of the paper or other item, and its location, specified by the publication abbreviation, year, month, and inclusive pagination. The Subject Index contains entries describing the item under all appropriate subject headings, plus the first author's name, the publication abbreviation, month, and year, and inclusive pages. Note that the item title is found only under the primary entry in the Author Index.

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Antenna arrays

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Antennas

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Artificial intelligence

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Assisted living

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Authorization

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Automotive engineering

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Autonomous aerial vehicles

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B**Bandwidth**

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Big Data

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Block codes

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Blockchain

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Bluetooth

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C**Cameras**

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Communication networks

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Control engineering computing

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Covariance matrices

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Cryptocurrencies

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Cyclic redundancy check codes

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D**Data acquisition**

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Decentralized control

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Decision making

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Delays

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Distributed processing

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Downlink

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E**Edge computing**

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Electric vehicles

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Electromagnetic interference

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Energy conservation

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Energy management systems

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Error correction codes

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Error detection codes

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F**Face recognition**

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Fading channels

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Feature extraction

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Human factors

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Interference (signal)

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IP networks

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Jamming

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Learning (artificial intelligence)

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Legislation

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Long Term Evolution

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M

Machine learning

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Machine learning algorithms

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Machine-to-machine communication

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Marine vehicles

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Media Access Protocol

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Microgrids

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MIMO communication

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Mobile communication

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Mobile computing

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Mobile handsets

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Mobile radio

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Mobility management (mobile radio)

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Modulation coding

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Monitoring

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Multi-access systems

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Multiplexing

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Nanobioscience

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Narrowband

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Network servers

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Neural networks

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Next generation networking

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NOMA

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Object detection

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Open systems

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Optical communication

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Optical fiber communication

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Optical polarization

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Optical vortices

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Optimization

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P

Parity check codes

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Performance evaluation

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Performance gain

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Personal area networks

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Physical layer

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Polar codes

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Position control

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Precoding

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Privacy

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Q**Quality assessment**

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Quality of experience

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R**Radio access networks**

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Radio frequency

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Real-time systems

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Receivers

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Resilience

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Resource allocation

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Risk analysis

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Road safety

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Routing protocols

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Satellite antennas

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Satellite communication

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Satellite links

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Satellite navigation

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SCADA systems

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Scattering

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Scheduling

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Security

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Sensor fusion

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Servers

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Signal to noise ratio

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Smart cities

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Smart devices

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Software agents

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Software defined networking

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Software fault tolerance

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Statistical analysis

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Streaming media

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Support vector machines

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