

Issue	Article Title	DOI
Jan-21	A Comprehensive Survey on Transfer Learnin	10.1109/JPROC.2020.3004555
Jan-21	Radiofrequency Switches Based on Emerging Resistive Memory Technologies - A Surv	10.1109/JPROC.2020.3011953
Jan-21	In-memory Learning with Analog Resistive Switching Memory: A Review and Perspect	10.1109/JPROC.2020.3004543
Feb-21	Far-Field Automatic Speech Recognitio	10.1109/JPROC.2020.3018668
Feb-21	A Survey of Test and Reliability Solutions for Magnetic Random Access Memori	10.1109/JPROC.2020.3029600
Feb-21	Multidimensional Index Modulation for 5G and Beyond Wireless Network	10.1109/JPROC.2020.3040589
Mar-21	A Survey of Powertrain Technologies for Energy-Efficient Heavy-Duty Machine	10.1109/JPROC.2021.3051555
Mar-21	Explaining Deep Neural Networks and Beyond: A Review of Methods and Applicati	10.1109/JPROC.2021.3060483
Mar-21	A Tutorial on Ultrareliable and Low-Latency Communications in 6G: Integrating Domain Knowledge Into Deep Learn	10.1109/JPROC.2021.3053601
Apr-21	Six-Sigma Quality Management of Additive Manufacturir	10.1109/JPROC.2020.3034519
Apr-21	Learning-Based Automation of Robotic Assembly for Smart Manufacturir	10.1109/JPROC.2021.3063154
Apr-21	A Connective Framework to Support the Lifecycle of Cyber-Physical Production Syster	10.1109/JPROC.2020.3046525
Apr-21	Optimizing Quality Inspection and Control in Powder Bed Metal Additive Manufacturing: Challenges and Research Directi	10.1109/JPROC.2021.3054628
Apr-21	(Re)deployment of Smart Algorithms in Cyber-Physical Production Systems Using DSL4hDNC	10.1109/JPROC.2021.3050860
Apr-21	Manufacturing as a Data-Driven Practice: Methodologies, Technologies, and Toc	10.1109/JPROC.2021.3056006
Apr-21	A Unified Architectural Approach for Cyberattack-Resilient Industrial Control System	10.1109/JPROC.2020.3034595
Apr-21	Artificial-Intelligence-Driven Customized Manufacturing Factory: Key Technologies, Applications, and Challenge	10.1109/JPROC.2020.3034808
Apr-21	Wireless Networked Multirobot Systems in Smart Factorie	10.1109/JPROC.2020.3033753
Apr-21	Wireless Control for Smart Manufacturing: Recent Approaches and Open Challenge	10.1109/JPROC.2020.3032633
Apr-21	A Platform Programming Paradigm for Heterogeneous Systems Integrati	10.1109/JPROC.2020.3035874
Apr-21	A Survey of Cybersecurity of Digital Manufacturin	10.1109/JPROC.2020.3032074
Apr-21	A Methodology for Digital Twin Modeling and Deployment for Industry 4	10.1109/JPROC.2020.3032444
May-21	Mad Max: Affine Spline Insights Into Deep Learnin	10.1109/JPROC.2020.3042100
May-21	Advancing Neuromorphic Computing With Loihi: A Survey of Results and Outloc	10.1109/JPROC.2021.3067593
May-21	Tensor Methods in Computer Vision and Deep Learnin	10.1109/JPROC.2021.3074329
May-21	Tropical Geometry and Machine Learnin	10.1109/JPROC.2021.3065238
May-21	Brain-Inspired Learning on Neuromorphic Substrate	10.1109/JPROC.2020.3045625
May-21	Mathematical Models of Overparameterized Neural Network	10.1109/JPROC.2020.3048020
May-21	Graph Neural Networks: Architectures, Stability, and Transferabili	10.1109/JPROC.2021.3055400
May-21	Toward Causal Representation Learnin	10.1109/JPROC.2021.3058954
May-21	Optimism in the Face of Adversity: Understanding and Improving Deep Learning Through Adversarial Robustne	10.1109/JPROC.2021.3050042
May-21	A Unifying Review of Deep and Shallow Anomaly Detectic	10.1109/JPROC.2021.3052449
May-21	Communication-Efficient and Distributed Learning Over Wireless Networks: Principles and Applicatio	10.1109/JPROC.2021.3055679
May-21	A Review of Deep Learning in Medical Imaging: Imaging Traits, Technology Trends, Case Studies With Progress Highlights, and Future Promi	10.1109/JPROC.2021.3054390
May-21	Generative Adversarial Networks for Image and Video Synthesis: Algorithms and Applicatic	10.1109/JPROC.2021.3049196
May-21	Computational Media Intelligence: Human-Centered Machine Analysis of Mec	10.1109/JPROC.2020.3047978
Jun-21	Electric/Hybrid-Electric Aircraft Propulsion System	10.1109/JPROC.2021.3073291
Jun-21	Revolution of Electric Vehicle Charging Technologies Accelerated by Wide Bandgap Devic	10.1109/JPROC.2021.3071977
Jun-21	State of the Art and Trends in Electric and Hybrid Electric Vehicle	10.1109/JPROC.2021.3072788
Jun-21	Electric Drive Technology Trends, Challenges, and Opportunities for Future Electric Vehicle	10.1109/JPROC.2020.3046112
Jun-21	A Critical Review of Advanced Electric Machines and Control Strategies for Electric Vehicl	10.1109/JPROC.2020.3041417
Jun-21	Toward Holistic Energy Management Strategies for Fuel Cell Hybrid Electric Vehicles in Heavy-Duty Applicati	10.1109/JPROC.2021.3055136
Jun-21	Status and Gap in Rechargeable Lithium Battery Supply Chain: Importance of Quantitative Failure Analy	10.1109/JPROC.2020.3047880
Jun-21	Hybrid and Electric Vehicle (HEV/EV) Technologies for Off-Road Application	10.1109/JPROC.2020.3045721
Jun-21	Electric Vehicles for Smart Buildings: A Survey on Applications, Energy Management Methods, and Battery Degradat	10.1109/JPROC.2020.3038585

Jun-21	Reliability of Power Electronic Systems for EV/HEV Application	10.1109/JPROC.2020.3031041
Jul-21	New Trends in Stochastic Geometry for Wireless Networks: A Tutorial and Survey	10.1109/JPROC.2021.3061778
Jul-21	6G Wireless Systems: Vision, Requirements, Challenges, Insights, and Opportunities	10.1109/JPROC.2021.3061701
Jul-21	Wide Bandgap DC–DC Converter Topologies for Power Application	10.1109/JPROC.2021.3072170
Aug-21	Recent Developments in Parallel and Distributed Computing for Remotely Sensed Big Data Process	10.1109/JPROC.2021.3087029
Aug-21	Distributed Fusion of Heterogeneous Remote Sensing and Social Media Data: A Review and New Developments	10.1109/JPROC.2021.3079176
Aug-21	Spintronics for Energy-Efficient Computing: An Overview and Outlook	10.1109/JPROC.2021.3084997
Aug-21	Review of Nanocomposite Dielectric Materials With High Thermal Conductivity	10.1109/JPROC.2021.3085836
Aug-21	Distributed Deep Learning for Remote Sensing Data Interpretation	10.1109/JPROC.2021.3063258
Aug-21	Parallel and Distributed Computing for Anomaly Detection From Hyperspectral Remote Sensing Images	10.1109/JPROC.2021.3076455
Sep-21	Developments in International Video Coding Standardization After AVC, With an Overview of Versatile Video Coding (VVC)	10.1109/JPROC.2020.3043399
Sep-21	JPEG XS—A New Standard for Visually Lossless Low-Latency Lightweight Image Coding	10.1109/JPROC.2021.3080916
Sep-21	An Introduction to MPEG-G: The First Open ISO/IEC Standard for the Compression and Exchange of Genomic Sequencing Data	10.1109/JPROC.2021.3082027
Sep-21	Compression of Sparse and Dense Dynamic Point Clouds—Methods and Standards	10.1109/JPROC.2021.3085957
Sep-21	MPEG Standards for Compressed Representation of Immersive Audio	10.1109/JPROC.2021.3075390
Sep-21	MPEG Immersive Video Coding Standard	10.1109/JPROC.2021.3062590
Sep-21	An Overview of Omnidirectional Media Format (OMAF)	10.1109/JPROC.2021.3063544
Sep-21	Advances in Video Compression System Using Deep Neural Network: A Review and Case Study	10.1109/JPROC.2021.3059994
Sep-21	A Technical Overview of AV1	10.1109/JPROC.2021.3058584
Oct-21	An Overview of Signal Processing Techniques for Terahertz Communication	10.1109/JPROC.2021.3100811
Oct-21	A Survey of Millimeter-Wave Communication: Physical-Layer Technology Specifications and Enabling Transmission Technologies	10.1109/JPROC.2021.3107494
Oct-21	Hardware Acceleration of Sparse and Irregular Tensor Computations of ML Models: A Survey and Insights	10.1109/JPROC.2021.3098483
Nov-21	Edge Intelligence: Empowering Intelligence to the Edge of Networks	10.1109/JPROC.2021.3119950
Nov-21	Video Summarization Using Deep Neural Networks: A Survey	10.1109/JPROC.2021.3117472
Dec-21	Building In-the-Cloud Network Functions: Security and Privacy Challenges	10.1109/JPROC.2021.3127277
Dec-21	Extraction and Utilization of Excitation Information of Speech: A Review	10.1109/JPROC.2021.3126493
Jan-22	Broadband RF Energy-Harvesting Array	10.1109/JPROC.2021.3134658
Jan-22	Foundations of Wireless Information and Power Transfer: Theory, Prototypes, and Experiments	10.1109/JPROC.2021.3132369
Jan-22	Resource Allocation for Simultaneous Wireless Information and Power Transfer Systems: A Tutorial Overview	10.1109/JPROC.2021.3120888
Jan-22	Far-Field Wireless Power Harvesting: Nonlinear Modeling, Rectenna Design, and Emerging Applications	10.1109/JPROC.2021.3127930
Jan-22	Design and Analysis of SWIPT With Safety Constraints	10.1109/JPROC.2021.3130084
Jan-22	Adaptive Wireless Power Transfer and Backscatter Communication for Perpetual Operation of Wireless Brain–Computer Interface	10.1109/JPROC.2021.3130059
Jan-22	Metamaterials and Metasurfaces for Wireless Power Transfer and Energy Harvesting	10.1109/JPROC.2021.3127493
Jan-22	Secure Wirelessly Powered Networks at the Physical Layer: Challenges, Countermeasures, and Road Ahead	10.1109/JPROC.2021.3126616
Jan-22	Advances in Wirelessly Powered Backscatter Communications: From Antenna/RF Circuitry Design to Printed Flexible Electronics	10.1109/JPROC.2021.3125285
Jan-22	Intelligent Reflecting Surface-Aided Wireless Energy and Information Transmission: An Overview	10.1109/JPROC.2021.3121790
Feb-22	Detection Methods in Smart Meters for Electricity Thefts: A Survey	10.1109/JPROC.2021.3139754
Feb-22	AI-Based Reconstruction for Fast MRI—A Systematic Review and Meta-Analysis	10.1109/JPROC.2022.3141367
Feb-22	Soft, Wearable Robotics and Haptics: Technologies, Trends, and Emerging Applications	10.1109/JPROC.2021.3140049
Mar-22	Synchronous Reluctance Machines: A Comprehensive Review and Technology Comparison	10.1109/JPROC.2022.3145662
Mar-22	Wearable Photoplethysmography for Cardiovascular Monitoring	10.1109/JPROC.2022.3149785
Mar-22	A Survey of Deep Learning on Mobile Devices: Applications, Optimizations, Challenges, and Research Opportunities	10.1109/JPROC.2022.3153408
Apr-22	Personal Voice Assistant Security and Privacy—A Survey	10.1109/JPROC.2022.3153167
Apr-22	Signal Processing Using Dictionaries, Atoms, and Deep Learning: A Common Analysis–Synthesis Framework	10.1109/JPROC.2022.3155904
Apr-22	Fusion of Probability Density Function	10.1109/JPROC.2022.3154399
May-22	Bayesian and Algebraic Strategies to Design in Synthetic Biology	10.1109/JPROC.2021.3129527

May-22	Machine Learning Approaches to Single-Cell Data Integration and Translati	10.1109/JPROC.2022.3166132
May-22	Spiking Control Systems	10.1109/JPROC.2022.3163926
May-22	Synthetic Morphogenesis: Introducing IEEE Journal Readers to Programming Living Mammalian Cells to Make Structu	10.1109/JPROC.2021.3137077
May-22	The Hallmarks of Mathematical Oncolog	10.1109/JPROC.2021.3136715
May-22	Cybergenetics: Theory and Applications of Genetic Control System	10.1109/JPROC.2022.3170599
May-22	Learning Outside the Brain: Integrating Cognitive Science and Systems Biolo	10.1109/JPROC.2022.3162791
May-22	Metabolic Networks, Microbial Consortia, and Analogies to Smart Grid	10.1109/JPROC.2022.3158396
May-22	Advances in the Computational Design of Small-Molecule-Controlled Protein-Based Circuits for Synthetic Biok	10.1109/JPROC.2022.3157898
May-22	Synthetic Gene Circuits: Design, Implement, and Appl	10.1109/JPROC.2021.3134169
Jun-22	A Review of Second-Life Lithium-Ion Batteries for Stationary Energy Storage Applicatio	10.1109/JPROC.2022.3175614
Jun-22	6G for Vehicle-to-Everything (V2X) Communications: Enabling Technologies, Challenges, and Opportunit	10.1109/JPROC.2022.3173031
Jun-22	A Comprehensive Review on Signal-Based and Model-Based Condition Monitoring of Wind Turbines: Fault Diagnosis and Lifetime Progn	10.1109/JPROC.2022.3171691
Jul-22	State of the Art and Future Opportunities in MRI-Guided Robot-Assisted Surgery and Interventio	10.1109/JPROC.2022.3169146
Jul-22	Concepts and Trends in Autonomy for Robot-Assisted Surger	10.1109/JPROC.2022.3176828
Jul-22	Haptic Feedback and Force-Based Teleoperation in Surgical Roboti	10.1109/JPROC.2022.3180052
Jul-22	Robot-Assisted Minimally Invasive Surgery—Surgical Robotics in the Data A	10.1109/JPROC.2022.3180350
Jul-22	Image-Guided Interventional Robotics: Lost in Translator	10.1109/JPROC.2022.3166253
Jul-22	Robotic Assistance for Intraocular Microsurgery: Challenges and Perspective	10.1109/JPROC.2022.3169466
Jul-22	Continuum Robots for Medical Intervention	10.1109/JPROC.2022.3141338
Jul-22	Robot-Assisted Medical Imaging: A Review	10.1109/JPROC.2022.3162840
Jul-22	Soft Robot-Assisted Minimally Invasive Surgery and Interventions: Advances and Outlc	10.1109/JPROC.2022.3167931
Jul-22	Magnetically Actuated Medical Robots: An in vivo Perspecti	10.1109/JPROC.2022.3165713
Jul-22	Advancement of Flexible Robot Technologies for Endoluminal Surgeri	10.1109/JPROC.2022.3170109
Aug-22	Transfer Learning for Wireless Networks: A Comprehensive Surve	10.1109/JPROC.2022.3175942
Aug-22	A Perspective on Time Toward Wireless 6G	10.1109/JPROC.2022.3190205
Aug-22	Safety Analysis for Laser-Based Optical Wireless Communications: A Tutori	10.1109/JPROC.2022.3181968
Sep-22	Channel Estimation With Reconfigurable Intelligent Surfaces—A General Framewo	10.1109/JPROC.2022.3170358
Sep-22	Communication Models for Reconfigurable Intelligent Surfaces: From Surface Electromagnetics to Wireless Networks Optimizat	10.1109/JPROC.2022.3195536
Sep-22	Wavefront Shaping for Wireless Communications in Complex Media: From Time Reversal to Reconfigurable Intelligent Surfa	10.1109/JPROC.2022.3187339
Sep-22	Theory, Analysis, and Design of Metasurfaces for Smart Radio Environmen	10.1109/JPROC.2022.3171921
Sep-22	A State-of-the-Art Survey on Reconfigurable Intelligent Surface-Assisted Non-Orthogonal Multiple Access Netwo	10.1109/JPROC.2022.3174140
Sep-22	Pervasive Machine Learning for Smart Radio Environments Enabled by Reconfigurable Intelligent Surfa	10.1109/JPROC.2022.3174030
Sep-22	Reconfigurable Intelligent Surfaces: Channel Characterization and Modeli	10.1109/JPROC.2022.3186087
Sep-22	Reconfigurable Intelligent Surfaces: Simplified-Architecture Transmitters—From Theory to Implementatio	10.1109/JPROC.2022.3170498
Sep-22	Intelligent Reflecting Surface-Aided Wireless Networks: From Single-Reflection to Multireflection Design and Optimizat	10.1109/JPROC.2022.3170656
Sep-22	Toward Ubiquitous Sensing and Localization With Reconfigurable Intelligent Surfa	10.1109/JPROC.2022.3169771
Sep-22	Software-Defined Reconfigurable Intelligent Surfaces: From Theory to End-to-End Implementati	10.1109/JPROC.2022.3169917
Sep-22	MIMO Evolution Beyond 5G Through Reconfigurable Intelligent Surfaces and Fluid Antenna Syster	10.1109/JPROC.2022.3170247
Sep-22	Backscatter Communication Assisted by Reconfigurable Intelligent Surface	10.1109/JPROC.2022.3169622
Sep-22	Nonterrestrial Communications Assisted by Reconfigurable Intelligent Surfa	10.1109/JPROC.2022.3169690
Oct-22	Vector Symbolic Architectures as a Computing Framework for Emerging Hardwa	10.1109/JPROC.2022.3209104
Oct-22	Survey on Fully Homomorphic Encryption, Theory, and Applicatio	10.1109/JPROC.2022.3205665
Nov-22	Randomly-Coupled Multi-Core Fiber Technolog	10.1109/JPROC.2022.3182049
Nov-22	Weakly Coupled Multicore Fiber Technology, Deployment, and System	10.1109/JPROC.2022.3202812
Nov-22	Devices and Fibers for Ultrawideband Optical Communicatio	10.1109/JPROC.2022.3203215
Nov-22	Optical Switching in Future Fiber-Optic Networks Utilizing Spectral and Spatial Degrees of Freedc	10.1109/JPROC.2022.3207576

Nov-22	Ultrahigh Fiber Count and High-Density Cables, Deployments, and System	10.1109/JPROC.2022.3199645
Nov-22	Challenges in Estimating the Information Capacity of the Fiber-Optic Chann	10.1109/JPROC.2022.3197188
Nov-22	Photonic Lanterns, 3-D Waveguides, Multiplane Light Conversion, and Other Components That Enable Space-Division Multiple	10.1109/JPROC.2022.3207046
Nov-22	Few-Mode Fiber Technology, Deployments, and System	10.1109/JPROC.2022.3207012
Nov-22	Using Global Existing Fiber Networks for Environmental Sensin	10.1109/JPROC.2022.3199742
Nov-22	Ultrawideband Systems and Networks: Beyond C + L-Bar	10.1109/JPROC.2022.3202103
Nov-22	Coherent Optical Transceivers Scaling and Integration Challenge	10.1109/JPROC.2022.3206268
Nov-22	The Role of Parallelism in the Evolution of Optical Fiber Communication Syster	10.1109/JPROC.2022.3207920
Nov-22	Flexible Technologies to Increase Optical Network Capaci	10.1109/JPROC.2022.3188337
Nov-22	Scaling Optical Interconnects for Hyperscale Data Center Network	10.1109/JPROC.2022.3178977
Dec-22	Application of Distributed Ledger Technology in Distribution Network	10.1109/JPROC.2022.3181528
Dec-22	Land Cover Change Detection With Heterogeneous Remote Sensing Images: Review, Progress, and Perspecti	10.1109/JPROC.2022.3219376
Dec-22	Energy-Circuit-Based Integrated Energy Management System: Theory, Implementation, and Applicat	10.1109/JPROC.2022.3216567
Dec-22	On an Information and Control Architecture for Future Electric Energy System	10.1109/JPROC.2022.3218276
Dec-22	Plug-and-Play Algorithms for the Efficient Coordination of Active Distribution Grid	10.1109/JPROC.2022.3186047
Jan-23	Machine Learning for Emergency Management: A Survey and Future Outlo	10.1109/JPROC.2022.3223186
Jan-23	Efficient Acceleration of Deep Learning Inference on Resource-Constrained Edge Devices: A Revi	10.1109/JPROC.2022.3226481
Jan-23	Technology Prospects for Data-Intensive Computin	10.1109/JPROC.2022.3218057
Feb-23	A Survey on Learning to Rejec	10.1109/JPROC.2023.3238024
Feb-23	Distributed Nash Equilibrium Seeking in Games With Partial Decision Information: A Surv	10.1109/JPROC.2023.3234687
Feb-23	Reliability of HfO-Based Ferroelectric FETs: A Critical Review of Current and Future Challeng	10.1109/JPROC.2023.3234607
Mar-23	A Review of Integrated Systems and Components for 6G Wireless Communication in the -Ba	10.1109/JPROC.2023.3240127
Mar-23	Object Detection in 20 Years: A Surve	10.1109/JPROC.2023.3238524
Mar-23	Radar-Based Monitoring of Vital Signs: A Tutorial Overvie	10.1109/JPROC.2023.3244362
Apr-23	The More-Electric Aircraft and Beyon	10.1109/JPROC.2022.3152995
Apr-23	Power Electronics Technology for Large-Scale Renewable Energy Generati	10.1109/JPROC.2023.3253165
Apr-23	Charging Infrastructure and Grid Integration for Electromobili	10.1109/JPROC.2022.3216362
Apr-23	Grid-Connected Energy Storage Systems: State-of-the-Art and Emerging Technologi	10.1109/JPROC.2022.3183289
Apr-23	Unlocking the Hidden Capacity of the Electrical Grid Through Smart Transformer and Smart Transmissi	10.1109/JPROC.2022.3157162
May-23	Overview of Megahertz Wireless Power Transfe	10.1109/JPROC.2023.3265689
May-23	Software-Defined Imaging: A Surve	10.1109/JPROC.2023.3266736
May-23	Resistive Neural Hardware Accelerator	10.1109/JPROC.2023.3268092
May-23	Model-Based Deep Learnin	10.1109/JPROC.2023.3247480
Jun-23	Zero-Shot and Few-Shot Learning With Knowledge Graphs: A Comprehensive Surv	10.1109/JPROC.2023.3279374
Jun-23	Bottom-Up and Top-Down Approaches for the Design of Neuromorphic Processing Systems: Tradeoffs and Synergies Between Natural and Artific	10.1109/JPROC.2023.3273520
Jun-23	Cognitive Dynamic Systems: A Review of Theory, Applications, and Recent Advanc	10.1109/JPROC.2023.3272577
Jul-23	A Review of Modeling and Applications of Energy Storage Systems in Power Grid	10.1109/JPROC.2022.3158607
Jul-23	Dynamic Performance Modeling and Analysis of Power Grids With High Levels of Stochastic and Power Electronic Interfaced Resourc	10.1109/JPROC.2023.3284890
Jul-23	Enabling 100% Renewable Power Systems Through Power Electronic Grid-Forming Converter and Control: System Integration for Security, Stabi	10.1109/JPROC.2022.3193374
Jul-23	Power System Stability With a High Penetration of Inverter-Based Resourc	10.1109/JPROC.2022.3179826
Jul-23	Disturbance Propagation in Power Grids With High Converter Penetratic	10.1109/JPROC.2022.3173813
Jul-23	A Cyber-Physical-Social Perspective on Future Smart Distribution System	10.1109/JPROC.2022.3192535
Jul-23	Massively Digitized Power Grid: Opportunities and Challenges of Use-Inspired	10.1109/JPROC.2022.3175070
Jul-23	Data-Driven Security and Stability Rule in High Renewable Penetrated Power System Operat	10.1109/JPROC.2022.3192719
Jul-23	DLMP of Competitive Markets in Active Distribution Networks: Models, Solutions, Applications, and Visic	10.1109/JPROC.2022.3177230
Jul-23	Transition to Digitalized Paradigms for Security Control and Decentralized Electricity Mar	10.1109/JPROC.2022.3161053

Aug-23	Coexistence and Spectrum Sharing Above 100 GHz	10.1109/JPROC.2023.3286172
Aug-23	Circuits and Antennas Incorporating Gallium-Based Liquid Met	10.1109/JPROC.2023.3285400
Aug-23	Microwave Metalens Antenna	10.1109/JPROC.2023.3287599
Sep-23	Deep Reinforcement Learning for Smart Grid Operations: Algorithms, Applications, and Prospects	10.1109/JPROC.2023.3303358
Sep-23	Trusted AI in Multiagent Systems: An Overview of Privacy and Security for Distributed Learning	10.1109/JPROC.2023.3306773
Sep-23	Training Spiking Neural Networks Using Lessons From Deep Learning	10.1109/JPROC.2023.3308088
Oct-23	An Overview of Affective Speech Synthesis and Conversion in the Deep Learning Era	10.1109/JPROC.2023.3250266
Oct-23	Engagement Detection and Its Applications in Learning: A Tutorial and Selective Review	10.1109/JPROC.2023.3309560
Oct-23	Toward Label-Efficient Emotion and Sentiment Analysis	10.1109/JPROC.2023.3309299
Oct-23	Affective Game Computing: A Survey	10.1109/JPROC.2023.3315689
Oct-23	Ethical Considerations on Affective Computing: An Overview	10.1109/JPROC.2023.3315217
Oct-23	Facial Micro-Expressions: An Overview	10.1109/JPROC.2023.3275192
Oct-23	Approaches, Applications, and Challenges in Physiological Emotion Recognition—A Tutorial Overview	10.1109/JPROC.2023.3286445
Oct-23	Affective Brain–Computer Interfaces (aBCIs): A Tutorial	10.1109/JPROC.2023.3277471
Oct-23	Unlocking the Emotional World of Visual Media: An Overview of the Science, Research, and Impact of Understanding Emotions	10.1109/JPROC.2023.3273517
Oct-23	Touch Technology in Affective Human–, Robot–, and Virtual–Human Interactions: A Survey	10.1109/JPROC.2023.3272780
Oct-23	An Engineering View on Emotions and Speech: From Analysis and Predictive Models to Responsible Human-Centered Applications	10.1109/JPROC.2023.3276209
Oct-23	Social Functions of Machine Emotional Expression	10.1109/JPROC.2023.3261137
Oct-23	Toward Robust Facial Action Units' Detection	10.1109/JPROC.2023.3257542
Nov-23	Statistical Tools and Methodologies for Ultrareliable Low-Latency Communication—A Tutorial	10.1109/JPROC.2023.3328920
Nov-23	Deep-Learning-Based 3-D Surface Reconstruction—A Survey	10.1109/JPROC.2023.3321433
Dec-23	A Visionary Look at the Security of Reconfigurable Cloud Computing	10.1109/JPROC.2023.3330729
Dec-23	A Comprehensive Survey on Distributed Training of Graph Neural Networks	10.1109/JPROC.2023.3337442
Dec-23	Computational Imaging and Artificial Intelligence: The Next Revolution of Mobile Vision	10.1109/JPROC.2023.3338272