

List of Accepted Papers

Following is the list of accepted ICASSP 2024 papers, sorted by paper title. You can use the search feature of your web browser to find your paper number. Notifications to all authors have also been sent by email. If you have not received your notification of the results by email, please contact us at info@2024.ieeeicassp.org.

Paper Number	Paper Title
1315	"IT IS OKAY TO BE UNCOMMON": QUANTIZING SOUND EVENT DETECTION NETWORKS ON HARDWARE ACCELERATORS WITH UNCOMMON SUB-BYTE SUPPORT
3377	1-D SPATIAL ATTENTION IN BINARIZED CONVOLUTIONAL NEURAL NETWORKS
4343	2D Human Pose Estimation Calibration and Keypoint Visibility Classification
9562	3D AUTOMATED QUANTITATIVE CALCULATIONS BASED ON CT IMAGES OF THE HIP JOINT
9987	3D Hand Joint and Grasping Estimation for Teleoperation System
5765	3D PARALLELISM FOR TRANSFORMERS VIA INTEGER PROGRAMMING
10067	3D POINT CLOUD SEMANTIC SEGMENTATION BASED ON DIFFUSION MODEL
6588	3D POSE ESTIMATION FROM MONOCULAR VIDEO WITH CAMERA-BONE ANGLE REGULARIZATION ON THE IMAGE FEATURE
2858	3DSAM: SEGMENT ANYTHING IN NERF
4353	3M-TRANSFORMER: A MULTI-STAGE MULTI-STREAM MULTIMODAL TRANSFORMER FOR EMBODIED TURN-TAKING PREDICTION
2738	3S-TSE: EFFICIENT THREE-STAGE TARGET SPEAKER EXTRACTION FOR REAL-TIME AND LOW-RESOURCE APPLICATIONS

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9281	6DOF SELD: SOUND EVENT LOCALIZATION AND DETECTION USING MICROPHONES AND MOTION TRACKING SENSORS ON SELF-MOTIONING HUMAN
10265	A 3D VIRTUAL TRY-ON METHOD WITH GLOBAL-LOCAL ALIGNMENT AND DIFFUSION MODEL
7550	A BAYESIAN APPROACH TO HIGH-ORDER LINK PREDICTION
4797	A BINARY BP DECODING USING POSTERIOR ADJUSTMENT FOR QUANTUM LDPC CODES
3674	A BI-PYRAMID MULTIMODAL FUSION METHOD FOR THE DIAGNOSIS OF BIPOLAR DISORDERS
8415	A BiRGAT Model for Multi-intent Spoken Language Understanding with Hierarchical Semantic Frames
2465	A CCM-BASED JOINT DOA-FREQUENCY ESTIMATION AND SIGNAL RECOVERY WITH EFFICIENT SUB-NYQUIST SAMPLING
4570	A Chat About Boring Problems: Studying GPT-based text normalization
4413	A Closer Look at Wav2Vec2 Embeddings for On-device Single-channel Speech Enhancement
7266	A CODEC-BASED APPROACH FOR VIDEO LIFE-CYCLE CHARACTERIZATION IN SOCIAL NETWORKS
8328	A COMPARATIVE ANALYSIS OF POETRY READING AUDIO: SINGING, NARRATING, OR SOMEWHERE IN BETWEEN?
6150	A COMPARATIVE STUDY ON ANNOTATION QUALITY OF CROWDSOURCING AND LLM VIA LABEL AGGREGATION
7551	A COMPARISON OF PARAMETER-EFFICIENT ASR DOMAIN ADAPTATION METHODS FOR UNIVERSAL SPEECH AND LANGUAGE MODELS
10309	A complete method for the 3D reconstruction of axonal pathways from 2 orthogonal 3D OCT images of the lamina cribrosa
1527	A COMPREHENSIVE ANALYSIS OF BIASES AND CUES IN NLU DATASETS AND MODELS WITH ICQ

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4480	A COMPREHENSIVE FRAMEWORK FOR OCCLUDED HUMAN POSE ESTIMATION
4430	A COMPUTATIONALLY EFFICIENT SEMI-BLIND SOURCE SEPARATION APPROACH FOR NONLINEAR ECHO CANCELLATION BASED ON AN ELEMENT-WISE ITERATIVE SOURCE STEERING
8850	A CONCEPT FOR A SLAM BACK END HARDWARE ACCELERATOR
2992	A CONTRARIO PARADIGM FOR YOLO-BASED INFRARED SMALL TARGET DETECTION
7405	A Contrast Embedding Based Domain Adaptation Network for Singing Melody Extraction
4762	A CONVERGENT PRIMAL-DUAL DEEP PLUG-AND-PLAY ALGORITHM FOR CONSTRAINED IMAGE RESTORATION
4905	A CROSS SEARCH METHOD FOR DATA AUGMENTATION IN NEURAL MACHINE TRANSLATION
1858	A crowdsourcing approach to video quality assessment
4646	A Deep Representation Learning-based Speech Enhancement Method Using Complex Convolution Recurrent Variational Autoencoder
6415	A DENSENET-BASED METHOD FOR DECODING AUDITORY SPATIAL ATTENTION WITH EEG
1378	A DENSITY-GUIDED TEMPORAL ATTENTION TRANSFORMER FOR INDISCERNIBLE OBJECT COUNTING IN UNDERWATER VIDEOS
7461	A DETAILED AUDIO-TEXT DATA SIMULATION PIPELINE USING SINGLE-EVENT SOUNDS
2700	A DISTRIBUTED JOINT INTEGRATED PROBABILISTIC DATA ASSOCIATION (JIPDA) FILTER WITH SOFT OBJECT ASSOCIATION
8136	A DUAL-PATH FRAMEWORK WITH FREQUENCY-AND-TIME EXCITED NETWORK FOR ANOMALOUS SOUND DETECTION
3263	A FACIAL EXPRESSION TRANSFER METHOD BASED ON 3DMM AND DIFFUSION MODELS

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7284	A FAST, PERFORMANT, SECURE DISTRIBUTED TRAINING FRAMEWORK FOR LLM
7167	A FEDERATED GRAPH TO EMBEDDING APPROACH FOR KNOWLEDGE GRAPH COMPLETION
3175	A FINE-GRAINED TRI-MODAL INTERACTION MODEL FOR MULTIMODAL SENTIMENT ANALYSIS
5517	A FLEXIBLE ONLINE FRAMEWORK FOR PROJECTION-BASED STFT PHASE RETRIEVAL
7959	A FOUNDATION MODEL FOR MUSIC INFORMATICS
5969	A FRAMEWORK FOR PORTRAIT STYLIZATION WITH SKIN-TONE AWARENESS AND NUDITY IDENTIFICATION
6563	A fully differentiable model for unsupervised singing voice separation
5990	A GENERAL FRAMEWORK FOR ROTATION INVARIANT POINT CLOUD ANALYSIS
7292	A Generative Adversarial Framework for Dialogue Generation with Neural Architecture Search
7381	A GIBBS SAMPLER FOR BAYESIAN NONPARAMETRIC STATE-SPACE MODELS
9005	A GRAPH NEURAL NETWORK BASED APPROACH FOR FAULT DELINEATION IN SEISMIC DATA USING GRAPH TOTAL VARIATION AND MULTIGRAPH
1578	A GRAPH NEURAL NETWORK BASED FUSION OF MRI-DERIVED BRAIN NETWORK AND CLINICAL DATA FOR GLIOBLASTOMA SURVIVAL PREDICTION
8207	A GRAPH-PREDICTION-BASED APPROACH FOR DEBIASING UNDERREPORTED DATA
3728	A GUIDED UPSAMPLING NETWORK FOR SHORT WAVE INFRARED IMAGES USING GRAPH REGULARIZATION
1469	A Hierarchical multi-proxy Loss with Dynamic Main-proxy for Deep Metric Learning

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3912	A HYBRID CNN-TRANSFORMER FOR FOCAL LIVER LESION CLASSIFICATION
8486	A HYBRID DEEP-ONLINE LEARNING BASED METHOD FOR ACTIVE NOISE CONTROL IN WAVE DOMAIN
2302	A JOINT DATA COMPRESSION AND TIME-DELAY ESTIMATION METHOD FOR DISTRIBUTED SYSTEMS VIA EXTREMUM ENCODING
4796	A JOINT LOOK ON LUNAR SATELLITE AND COOPERATIVE SURFACE PNT
3715	A Learning Resource Recommendation Algorithm Based on Online Learning Behavior
6868	A LEARNING-BASED MULTI-NODE FUSION POSITIONING METHOD USING WEARABLE INERTIAL SENSORS
3180	A LEARNING-BASED SYSTEM FOR AUTOMATIC DECEPTION DETECTION FROM DOSING VIDEOS
3481	A Lightweight Change Detection Method Based on Feature Interaction and Transformer for High Resolution Remote Sensing Images
10170	A LIGHTWEIGHT HYBRID MULTI-CHANNEL SPEECH EXTRACTION SYSTEM WITH DIRECTIONAL VOICE ACTIVITY DETECTION
2931	A LIGHT-WEIGHT STATE DETECTION MODEL FOR KALMAN-FILTER-BASED ACOUSTIC FEEDBACK CANCELLATION WITH RAPID RECOVERY FROM ABRUPT PATH CHANGES
8389	A LOW-LATENCY FFT-IFFT CASCADE ARCHITECTURE
8111	A Machine-Learning Model for Detecting Depression, Anxiety, and Stress from Speech
6005	A META-PRECONDITIONING APPROACH FOR DEEP Q-LEARNING
3105	A METHOD FOR BILEVEL OPTIMIZATION WITH CONVEX LOWER-LEVEL PROBLEM
3053	A METHOD FOR X-RAY IMAGE LANDMARKS LOCALIZATION USING CYCLIC COORDINATE-GUIDED STRATEGY

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7492	A MODIFIED CRAMÉR-RAO BOUND FOR DISCRETE-TIME MARKOVIAN DYNAMIC SYSTEMS
1493	A MULTI-CARRIER INFORMATION HIDING ALGORITHM BASED ON LAYERED COMPRESSION OF 3D POINT CLOUD MODEL
9344	A MULTIMODAL ADAPTIVE COOPERATIVE LEARNING METHOD FOR CANCER SURVIVAL RISK PREDICTION
5867	A MULTI-SCALE BIMODAL FUSION NETWORK FOR ROBUST AND ACCURATE ONLINE HANDWRITING RECOGNITION
4185	A MULTISCALE OBJECTIVE FUNCTION FOR CAMERA COLOR CORRECTION
7410	A Neural Syntax Parser for Coronary Artery Anatomical Labeling in Coronary CT Angiography
7347	A Neurophysiological-Auditory "Listen Receipt" for Communication Enhancement
1565	A New Fourth-Order Sparse Array Generator Based on Sum-Difference Co-array Analysis
4557	A New Perspective on Understanding Resolution Limit via An Asymptotic Study of Christoffel-Darboux Kernel based Spectrum Estimator
9353	A New Pre-training Paradigm for Offline Multi-agent Reinforcement Learning with Suboptimal Data
5016	A new similarity-based relational knowledge distillation method
5623	A NOVEL 3-D FOCUSING SCHEME FOR DISTRIBUTED SAR TOMOGRAPHY
7147	A NOVEL ARCHITECTURE OF DEEP FEATURE-BASED GAUSSIAN PROCESSES WITH AN ENSEMBLE OF KERNELS
7183	A NOVEL CASCADE INSTRUCTION TUNING METHOD FOR BIOMEDICAL NER
3358	A Novel Contrastive Diffusion Graph Convolutional Network for Few-Shot Skeleton-Based Action Recognition

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10198	A NOVEL CROSS-SENSOR SELF-SUPERVISED LEARNING METHOD FOR ROTATING MACHINERY FAULT DIAGNOSIS
1907	A NOVEL DEMODULATION AND SELECTION PILOT POWER TRADE-OFF FOR CODEBOOK-BASED IRS WITH IMPERFECT CHANNEL ESTIMATES
8073	A NOVEL DISCRETE FRACTIONAL COMPLEX HADAMARD TRANSFORM FOR MEDICAL IMAGE ENCRYPTION
7081	A NOVEL ITERATIVE THRESHOLDING ALGORITHM FOR ARCTANGENT REGULARIZATION PROBLEM
5357	A NOVEL LOCAL-GLOBAL FEATURE FUSION FRAMEWORK FOR BODY-WEIGHT EXERCISE RECOGNITION WITH PRESSURE MAPPING SENSORS
6674	A NOVEL MEDICAL IMAGE FUSION FRAMEWORK INTEGRATING MULTI-SCALE ENCODER-DECODER WITH DISCRETE WAVELET DECOMPOSITION
9506	A Novel Multi-atlas Fusion Model Based On Contrastive Learning For Functional Connectivity Graph Diagnosis
8931	A NOVEL MULTIMODAL SENTIMENT ANALYSIS MODEL BASED ON GATED FUSION AND MULTI-TASK LEARNING
3150	A NOVEL RESIDUAL-GUIDED LEARNING METHOD FOR IMAGE STEGANOGRAPHY
5134	A One-Class Approach to Detect Super-Resolution Satellite Imagery with Spectral Features
8638	A parameterized generative adversarial network using cyclic projection for explainable medical image classifications
6132	A PLS-INTEGRATED LASSO METHOD WITH APPLICATION IN INDEX TRACKING
3216	A PRACTICAL ONLINE MULTICHANNEL DEREVERBERATION APPROACH WITH DATA-REUSE TECHNIQUE

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10384	A Property-Guided Diffusion Model for Generating Molecular Graphs
5455	A RAY-TRACING BASED FINGERPRINTING METHOD FOR PASSIVE LOCALIZATION IN URBAN NLOS ENVIRONMENT
8948	A REAL-TIME ACTIVE SPEAKER DETECTION SYSTEM INTEGRATING AN AUDIO-VISUAL SIGNAL WITH A SPATIAL QUERYING MECHANISM
9012	A REAL-TIME LYRICS ALIGNMENT SYSTEM USING CHROMA AND PHONETIC FEATURES FOR CLASSICAL VOCAL PERFORMANCE
7076	A REAL-TIME VIDEO QUALITY METRIC FOR HTTP ADAPTIVE STREAMING
3574	A RECONSTRUCTION-BASED FEATURE ADAPTATION FOR ANOMALY DETECTION WITH SELF-SUPERVISED MULTI-SCALE AGGREGATION
2450	A Reduced-Reference Quality Assessment Metric for Textured Mesh Digital Humans
1463	A Relation-Aware Heterogeneous Graph Transformer on Dynamic Fusion for Multimodal Classification Tasks
7610	A REVIEW OF SELF-SUPERVISED METHODS FOR MUSIC TAGGING
8720	A RIEMANNIAN-BASED JOINT DESIGN FRAMEWORK OF MIMO RADAR TRANSMIT WAVEFORM AND RECEIVE FILTER VIA INFORMATION THEORY
4345	A ROBUST AND SCALABLE METHOD WITH AN ANALYTIC SOLUTION FOR MULTI-SUBJECT FMRI DATA ANALYSIS
4076	A Robust GLRT Detector against Missing Data in Cooperative Sensing

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4433	A ROBUST QUANTILE HUBER LOSS WITH INTERPRETABLE PARAMETER ADJUSTMENT IN DISTRIBUTIONAL REINFORCEMENT LEARNING
2018	A SALIENCY ENHANCED FEATURE FUSION BASED MULTISCALE RGB-D SALIENT OBJECT DETECTION NETWORK
7436	A SCALABLE SPARSE TRANSFORMER MODEL FOR SINGING MELODY EXTRACTION
6579	A SCANNING LASER OPHTHALMOSCOPE IMAGE DATASET: TOWARDS MULTIPLE FUNDUS DISEASE DETECTION WITH DEEP LEARNING
3439	A SELF-SUPERVISED PRESSURE MAP HUMAN KEYPOINT DETECTION APPROCH: OPTIMIZING GENERALIZATION AND COMPUTATIONAL EFFICIENCY ACROSS DATASETS
9120	A SEPARATION PRIORITY PIPELINE FOR SINGLE-CHANNEL SPEECH SEPARATION IN NOISY ENVIRONMENTS
2383	A SEQUENTIAL AVERAGING PLUG-AND-PLAY METHOD FOR IMAGE RESTORATION VIA FIXED-POINT PROJECTION
2801	A Smoothed Bregman Proximal Gradient Algorithm for Decentralized Nonconvex Optimization
1461	A SOFT CONTRASTIVE LEARNING-BASED PROMPT MODEL FOR FEW-SHOT SENTIMENT ANALYSIS
8613	A SOUND APPROACH: USING LARGE LANGUAGE MODELS TO GENERATE AUDIO DESCRIPTIONS FOR EGOCENTRIC TEXT-AUDIO RETRIEVAL
3887	A Sparse Array Complete Model Error Self-corrected DOA Estimation Based on Atomic Norm
8645	A SPATIAL LONG-TERM ITERATIVE MASK ESTIMATION APPROACH FOR MULTI-CHANNEL SPEAKER DIARIZATION AND SPEECH RECOGNITION

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2824	A STATISTICAL CHARACTERIZATION OF COMMUNICATION PERFORMANCE IN RIS-AIDED NETWORKS
7297	A STEERED RESPONSE POWER APPROACH WITH BILINEAR PREDICTION-BASED TRADE-OFF PREWHITENING FOR SPEAKER LOCALIZATION
1690	A STOCHASTIC GRADIENT APPROACH FOR COMMUNICATION EFFICIENT CONFEDERATED LEARNING
2770	A Stochastic Proximal WMMSE for Ergodic Sum Rate Maximization
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2806	A STUDY OF MULTICHANNEL SPATIOTEMPORAL FEATURES AND KNOWLEDGE DISTILLATION ON ROBUST TARGET SPEAKER EXTRACTION
3187	A STUDY ON COMBINING NON-PARALLEL AND PARALLEL METHODOLOGIES FOR MANDARIN-ENGLISH CROSS-LINGUAL VOICE CONVERSION
4187	A STUDY ON GRAPH EMBEDDING FOR SPEAKER RECOGNITION
2325	A STUDY ON THE ADVERSE IMPACT OF SYNTHETIC SPEECH ON SPEECH RECOGNITION
9834	A Supervised Information Enhanced Multi-granularity Contrastive Learning Framework for EEG based Emotion Recognition
6974	A TARGETED ADVERSARIAL ATTACK METHOD FOR MULTI-CLASSIFICATION MALICIOUS TRAFFIC DETECTION
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1226	A UNIFIED FRAMEWORK FOR MULTI-INTENT SPOKEN LANGUAGE UNDERSTANDING WITH PROMPTING
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7036	A UNIFIED LOSS FUNCTION TO TACKLE INTER-CLASS AND INTRA-CLASS DATA IMBALANCE IN SOUND EVENT DETECTION
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7832	A WASSERSTEIN GRAPH DISTANCE BASED ON DISTRIBUTIONS OF PROBABILISTIC NODE EMBEDDINGS
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8961	AAT: ADAPTING AUDIO TRANSFORMER FOR VARIOUS ACOUSTICS RECOGNITION TASKS
3666	ACCELERATED RECOVERY OF SPECTRALLY SPARSE SIGNALS VIA MODIFIED PROXIMAL GRADIENT IN HANKEL SPACE
9936	ACCELERATING GRADIENT DESCENT FOR OVER-PARAMETERIZED ASYMMETRIC LOW-RANK MATRIX SENSING VIA PRECONDITIONING
2107	ACCENT-SPECIFIC VECTOR QUANTIZATION FOR JOINT UNSUPERVISED AND SUPERVISED TRAINING IN ACCENT ROBUST SPEECH RECOGNITION
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8578	ACCURATE INTERPOLATION OF SCATTERED DATA VIA LEARNING RELATION GRAPH
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9014	ACTIVATION COMPRESSION OF GRAPH NEURAL NETWORKS USING BLOCK-WISE QUANTIZATION WITH IMPROVED VARIANCE MINIMIZATION
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5967	ACTIVE LEARNING FOR SOUND EVENT CLASSIFICATION USING BAYESIAN NEURAL NETWORKS WITH GAUSSIAN VARIATIONAL POSTERIOR
2933	ACTIVE LEARNING WITH CORE-SET SAMPLING AND SCALE-SENSITIVE LOSS FOR 3D OBJECT DETECTION
7978	ACTIVE NOISE CONTROL OVER 3D SPACE WITH A DYNAMIC NOISE SOURCE
4052	ACTIVE NOISE CONTROL OVER A LARGE REGION WITH MULTIPLE SPHERICAL MICROPHONE ARRAYS IN WAVE DOMAIN
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6794	ADAFL: ADAPTIVE CLIENT SELECTION AND DYNAMIC CONTRIBUTION EVALUATION FOR EFFICIENT FEDERATED LEARNING
9832	ADAMER-CTC: CONNECTIONIST TEMPORAL CLASSIFICATION WITH ADAPTIVE MAXIMUM ENTROPY REGULARIZATION FOR AUTOMATIC SPEECH RECOGNITION
1820	AdaPlus: Integrating Nesterov Momentum and Precise Stepsize Adjustment on AdamW Basis
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4508	Adaptive Chroma Block Vector Derivation From Luma for Screen Content Coding
1939	Adaptive Confidence Multi-View Hashing for Multimedia Retrieval
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10109	Adaptive Gaussian Regularization Constrained Sparse Subspace Clustering for Image Segmentation
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4698	ADAPTIVE HEAD POSE ESTIMATION WITH REAL-TIME STRUCTURED LIGHT
4588	ADAPTIVE IMAGE-ENHANCED KNOWLEDGE GRAPH COMPLETION
7628	ADAPTIVE JOINT CHANNEL ESTIMATION/DATA DETECTION IN FLEXIBLE MULTICARRIER MIMO SYSTEMS - A TENSOR-BASED APPROACH
3959	ADAPTIVE KALMANNET: DATA-DRIVEN KALMAN FILTER WITH FAST ADAPTATION
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8653	Adaptive Multi-Exposure Fusion for Enhanced Neural Radiance Fields
7636	ADAPTIVE MULTIVIEW COMMUNITY-PRESERVED GRAPH CONVOLUTIONAL NETWORK FOR

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4135	Adaptive parameter sharing for multi-agent reinforcement learning
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7844	Adaptive Reweighted Sparse Belief Propagation Decoding for Polar Codes
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5443	Adaptive Sensor Selection With Deterministic Priors for DoA Tracking
8681	ADAPTIVE SPATIAL-TEMPORAL HYPERGRAPH FUSION LEARNING FOR NEXT POI RECOMMENDATION
5017	ADAPTIVE SPEECH EMOTION REPRESENTATION LEARNING BASED ON DYNAMIC GRAPH
8672	Adaptive Super Resolution For One-Shot Talking-Head Generation
3635	ADAPTIVE VIDEO WATERMARKING WITH PERCEPTUAL GUARANTEE AND EFFICIENCY OPTIMIZATION
7216	ADAPTIVE-AVG-POOLING BASED ATTENTION VISION TRANSFORMER FOR FACE ANTI-SPOOFING
8313	ADDRESSING CONFOUNDS IN FUNCTIONAL CONNECTIVITY ANALYSES OF CALCIUM IMAGING
7480	Addressing Data Scarcity In Voice Disorder Recognition with Self-Supervised Models
5478	ADHD DIAGNOSIS AND BIOMARKER DETECTION BASED ON MULTIMODAL GRAPH CONVOLUTIONAL NEURAL NETWORK

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4307	Advancing Acoustic Howling Suppression through Recursive Training of Neural Networks
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9652	ADVERSARIAL JAMMING FOR AUTOENCODER DISTRIBUTION MATCHING
4633	ADVERSARIAL LEARNING ON COMPRESSED POSTERIOR SPACE FOR NON-ITERATIVE SCORE-BASED END-TO-END TEXT-TO-SPEECH
9094	Adversarial Robustness of Convolutional Models Learned in the Frequency Domain
6368	ADVERSARIAL SPEECH FOR VOICE PRIVACY PROTECTION FROM PERSONALIZED SPEECH GENERATION
4062	ADVSHADOW: EVADING DEEPPFAKE DETECTION VIA ADVERSARIAL SHADOW ATTACK
3141	ADSVS: AN OVER-THE-AIR ADVERSARIAL ATTACK DATASET FOR SPEAKER VERIFICATION
8559	AdvTTS: Adversarial Text-to-Speech Synthesis Attack on Speaker Identification Systems
8708	AEAM3D:Adverse Environment-Adaptive Monocular 3D Object Detection via Feature Extraction Regularization
8391	AEGIS-Net: Attention-guided Multi-Level Feature Aggregation for Indoor Place Recognition
8790	Aerial-IRS-Assisted Load Balancing in Downlink Networks
7713	AGADIR: Towards Array-Geometry Agnostic Directional Speech Recognition
4994	AG-LSEC: AUDIO GROUNDED LEXICAL SPEAKER ERROR CORRECTION
2588	AHRNet: Attention and Heatmap-based Regressor for

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4678	ALIGN, ADAPT AND INJECT: AUDIO-GUIDED IMAGE GENERATION, EDITING AND STYLIZATION
3362	All Neural Kronecker Product Beamforming for Speech Extraction with Large-scale Microphone Arrays
5296	ALLEVIATING HALLUCINATIONS VIA SUPPORTIVE WINDOW INDEXING IN ABSTRACTIVE SUMMARIZATION
3709	AlphaRotate: A Rotation Detection Benchmark using TensorFlow
4142	AMBISONICS NETWORKS - THE EFFECT OF RADIAL FUNCTIONS REGULARIZATION
6831	AN ACCURATE AND EFFICIENT NEURAL NETWORK FOR OCTA VESSEL SEGMENTATION AND A NEW DATASET
3235	AN ACTIVE NOISE CONTROL SYSTEM BASED ON SOUNDFIELD INTERPOLATION USING A PHYSICS-INFORMED NEURAL NETWORK
3826	AN ADAPTER-BASED UNIFIED MODEL FOR MULTIPLE SPOKEN LANGUAGE PROCESSING TASKS
7430	AN ADAPTIVE ALGORITHM FOR TRACKING THIRD-ORDER COUPLED CANONICAL POLYADIC DECOMPOSITION
8738	AN ANCHOR LEARNING APPROACH FOR CITATION FIELD LEARNING
10024	An Asymptotically Achievable Rate Bound for Establishing High-Fidelity Entanglements in Quantum Networks
9668	AN ATTENTION-ENHANCED RETENTIVE BROAD LEARNING SYSTEM FOR SUBJECT-GENERIC EMOTION RECOGNITION FROM EEG SIGNALS
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8216	AN EFFICIENT ALGORITHM FOR CLUSTERED MULTI-TASK COMPRESSIVE SENSING
5849	AN EFFICIENT ALGORITHM FOR MULTIUSER SUM-RATE MAXIMIZATION OF LARGE-SCALE Active RIS-AIDED MIMO SYSTEM
8339	AN EFFICIENT ALTERNATING RIEMANNIAN/PROJECTED GRADIENT DESCENT ASCENT ALGORITHM FOR FAIR PRINCIPAL COMPONENT ANALYSIS
3158	An Efficient and Interpretable Speech Enhancement Network via Deep Dictionary Learning
8763	AN EFFICIENT HIERARCHICAL BLOCK COORDINATE DESCENT METHOD FOR TIME-VARYING GRAPHICAL LASSO
6921	An Efficient Temporary Deepfake Location Approach Based Embeddings for Partially Spoofed Audio Detection
9411	An Efficient Transformer for Demosaicing via Compressed Multi-branch Attention Mechanism
1383	AN EMPIRICAL INVESTIGATION OF DOMAIN ADAPTATION ABILITY FOR CHINESE SPELLING CHECK MODELS
7060	AN EMPIRICAL STUDY ON THE IMPACT OF POSITIONAL ENCODING IN TRANSFORMER-BASED MONAURAL SPEECH ENHANCEMENT
1955	AN END-TO-END EEG CHANNEL SELECTION METHOD WITH RESIDUAL GUMBEL SOFTMAX FOR BRAIN-ASSISTED SPEECH ENHANCEMENT
6584	AN EXPERIMENTAL COMPARISON OF NOISE-ROBUST TEXT-TO-SPEECH SYNTHESIS SYSTEMS BASED ON SELF-SUPERVISED REPRESENTATION
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6498	An Fine-Grained Attribute Pre-labeling Method based on Label Dependency and Feature Similarity Dynamics
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9991	Improved children's automatic speech recognition combining adapters and synthetic data augmentation
9473	IMPROVED IMAGE CAPTIONING VIA KNOWLEDGE GRAPH-AUGMENTED MODELS
6066	IMPROVED SCREEN CONTENT CODING IN VVC USING SOFT CONTEXT FORMATION
2569	Improving acoustic echo cancellation by exploring speech and echo affinity with multi-head attention
4396	IMPROVING ACOUSTIC ECHO CANCELLATION FOR VOICE ASSISTANTS USING NEURAL ECHO SUPPRESSION AND MULTI-MICROPHONE NOISE REDUCTION
8039	IMPROVING ASR CONTEXTUAL BIASING WITH GUIDED ATTENTION

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1863	IMPROVING AUDIO CAPTIONING MODELS WITH FINE-GRAINED AUDIO FEATURES, TEXT EMBEDDING SUPERVISION, AND LLM MIX-UP AUGMENTATION
6695	IMPROVING BIOMEDICAL ENTITY LINKING WITH RETRIEVAL-ENHANCED LEARNING
7261	IMPROVING CHINESE SPELLING CORRECTION WITH TEXT-PHONETICS DIFFERENTIATION AND ADAPTIVE FUSION
8142	IMPROVING CONTINUAL LEARNING OF ACOUSTIC SCENE CLASSIFICATION VIA MUTUAL INFORMATION OPTIMIZATION
1966	Improving Cross-domain Few-shot Classification with Multilayer Perceptron
4011	IMPROVING DESIGN OF INPUT CONDITION INVARIANT SPEECH ENHANCEMENT
7059	IMPROVING DOMAIN GENERALIZATION IN SPEECH EMOTION RECOGNITION WITH WHISPER
4015	IMPROVING KINYARWANDA SPEECH RECOGNITION VIA SEMI-SUPERVISED LEARNING
9662	IMPROVING LANGUAGE MODEL-BASED ZERO-SHOT TEXT-TO-SPEECH SYNTHESIS WITH MULTI-SCALE ACOUSTIC PROMPTS
2067	Improving Learned Video Compression by Exploring Spatial Redundancy
7211	IMPROVING LIMITED SUPERVISED FOOT ULCER SEGMENTATION USING CROSS-DOMAIN AUGMENTATION STRATEGIES
7326	Improving Long Text Understanding with Knowledge Distilled from Summarization Model
7408	IMPROVING MEDICAL DIALOGUE GENERATION WITH ABSTRACT MEANING REPRESENTATIONS
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2760	IMPROVING MUSIC SOURCE SEPARATION WITH SIMO STEREO BAND-SPLIT RNN
7652	IMPROVING NEURAL DIARIZATION THROUGH SPEAKER ATTRIBUTE ATTRACTORS AND LOCAL DEPENDENCY MODELING
4656	IMPROVING OPEN-SET RECOGNITION WITH BAYESIAN METRIC LEARNING
4262	Improving Oral Reading Fluency Assessment through Sub-sequence Matching of Acoustic Word Embeddings
8883	IMPROVING RADIOLOGY REPORT GENERATION WITH D ² -NET: WHEN DIFFUSION MEETS DISCRIMINATOR
7063	Improving Short Utterance Anti-Spoofing with AASIST2
7169	Improving Speaker-independent Speech Emotion Recognition Using Dynamic Joint Distribution Adaptation
9093	IMPROVING SPEECH ATTENUATION IN HEADPHONES USING HARMONIC MODEL DECOMPOSITION AND MULTIPLE-FREQUENCY ANC
1865	Improving Speech Emotion Recognition with Unsupervised Speaking Style Transfer
8746	IMPROVING SPEECH RECOGNITION FOR AFRICAN AMERICAN ENGLISH WITH AUDIO CLASSIFICATION
7194	IMPROVING SPEED/ACCURACY TRADEOFF FOR ONLINE STREAMING ASR VIA REAL-VALUED AND TRAINABLE STRIDES
9208	IMPROVING TARGET SOUND EXTRACTION WITH TIMESTAMP KNOWLEDGE DISTILLATION
1359	IMPROVING VGG-STYLE CONVNET FOR JPEG STEGANALYSIS
2795	IMPROVING VISION-INSPIRED KEYWORD SPOTTING USING DYNAMIC MODULE SKIPPING IN STREAMING

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6555	INCOMPLETE MULTI-VIEW CLUSTERING VIA INFERENCE AND EVALUATION
8188	INCOMPLETE MULTI-VIEW REPRESENTATION LEARNING THROUGH ANCHOR GRAPH-BASED GCN AND INFORMATION BOTTLENECK
1678	Incomplete Observations Bias Suppression for Abductive Natural Language Inference
1612	In-Context Learning for Few-Shot Nested Named Entity Recognition
2147	IN-CONTEXT PROMPT EDITING FOR CONDITIONAL AUDIO GENERATION
8461	INCPROMPT: TASK-AWARE INCREMENTAL PROMPTING FOR REHEARSAL-FREE CLASS-INCREMENTAL LEARNING
6483	Incremental Tensor Decomposition for Few Shot Neural Radiance Field
7917	Inducing Inductive Bias in Vision Transformer for EEG Classification
5879	INFERENCE OF GENETIC EFFECTS VIA APPROXIMATE MESSAGE PASSING
7637	INFERENCE OF TIME-VARYING GRAPH TOPOLOGIES VIA GAUSSIAN PROCESSES
6212	INFERRING THE GRAPH OF NETWORKED DYNAMICAL SYSTEMS UNDER PARTIAL OBSERVABILITY AND SPATIALLY COLORED NOISE
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7004	INTEGRATING LANGUAGE MODELS WITH SYMBOLIC FORMULAS FOR FIRST-ORDER LOGIC REASONING
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5790	INTELLIGENT CARDIAC AUSCULTATION FOR MURMUR DETECTION VIA PARALLEL-ATTENTIVE MODELS WITH UNCERTAINTY ESTIMATION
8378	INTER-MODALITY AND INTRA-SAMPLE ALIGNMENT FOR MULTI-MODAL EMOTION RECOGNITION
4760	INTERNAL LOCATION ASSISTANCE FOR TEMPORAL ACTION PROPOSAL GENERATION
1971	INTERPRETABLE FACE AGING: ENHANCING CONDITIONAL ADVERSARIAL AUTOENCODERS WITH LIME EXPLANATIONS
6915	INTERPRETABLE MULTIMODAL OUT-OF-CONTEXT DETECTION WITH SOFT LOGIC REGULARIZATION
9518	INTERPRETABLE POLICY EXTRACTION WITH NEURO-SYMBOLIC REINFORCEMENT LEARNING
2784	INTERPRETING THE MEMORIZATION IN DEEP LEARNING FROM DATA DISTRIBUTION
3020	In-the-Wild Physiological-based Stress Detection Using Federated Strategy
1846	INTRODUCING MULTILINGUAL PHONETIC INFORMATION TO SPEAKER EMBEDDING FOR SPEAKER VERIFICATION
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9583	IPHONMATCHNET: ZERO-SHOT USER-DEFINED KEYWORD SPOTTING USING IMPLICIT ACOUSTIC ECHO CANCELLATION
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3284	MSG-BART: Multi-granularity Scene Graph-Enhanced Encoder-Decoder Language Model for Video-grounded Dialogue Generation
8488	MS-SENET: ENHANCING SPEECH EMOTION RECOGNITION THROUGH MULTI-SCALE FEATURE FUSION WITH SQUEEZE-AND-EXCITATION BLOCKS
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4265	Multi-dimensional Speech Quality Assessment in Crowdsourcing
9997	Multi-grained Multimodal Interaction Network for Sentiment Analysis
7624	MULTI-INTEREST LEARNING FOR MULTI-MODAL PAPER RECOMMENDATION
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8846	MULTI-LAYER RELATION KNOWLEDGE DISTILLATION FOR FINGERPRINT RESTORATION
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3579	MULTI-LINEAR KERNEL REGRESSION AND IMPUTATION IN DATA MANIFOLDS: THE DYNAMIC MRI CASE
7802	MULTILINGUAL AND FULLY NON-AUTOREGRESSIVE ASR WITH LARGE LANGUAGE MODEL FUSION: A COMPREHENSIVE STUDY
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2733	MULTI-MICROPHONE NOISE DATA AUGMENTATION FOR DNN-BASED OWN VOICE RECONSTRUCTION FOR HEARABLES IN NOISY ENVIRONMENTS
7398	MULTIMODAL BREATHING RATE ESTIMATION USING FACIAL MOTION AND RPPG FROM RGB CAMERA
4226	MULTI-MODAL CONTINUAL PRE-TRAINING FOR AUDIO ENCODERS
3195	MULTI-MODAL EMOTION RECOGNITION USING MULTIPLE ACOUSTIC FEATURES AND DUAL CROSS-MODAL TRANSFORMER
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7801	MULTIMODAL IMAGING FEATURE EXTRACTION WITH REFERENCE CANONICAL CORRELATION ANALYSIS UNDERLYING INTELLIGENCE

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5979	MULTI-MODALITY ACTION RECOGNITION BASED ON DUAL FEATURE SHIFT IN VEHICLE CABIN MONITORING
1442	MULTI-MODALITY CONDITIONAL DIFFUSION MODEL FOR TIME SERIES FORECASTING OF LIVE SALES VOLUME
4592	MULTI-MODALITY SPEECH RECOGNITION DRIVEN BY BACKGROUND VISUAL SCENES
8229	MULTI-MODEL WIRELESS FEDERATED LEARNING WITH DOWNLINK BEAMFORMING
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8848	MULTI-OBJECT TRACKING FOR UNMANNED AERIAL VEHICLES BASED ON MULTI-FRAME FEATURE FUSION
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4423	MULTIPLE OBJECT TRACKING BASED ON OCCLUSION-AWARE EMBEDDING CONSISTENCY LEARNING

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9956	MULTI-RATE VARIABLE-LENGTH CSI COMPRESSION FOR FDD MASSIVE MIMO
6268	MULTI-RELATIONAL GRAPH DIFFUSION NEURAL NETWORK WITH PARALLEL RETENTION FOR STOCK TRENDS CLASSIFICATION
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7003	MULTISCALE MATCHING DRIVEN BY CROSS-MODAL SIMILARITY CONSISTENCY FOR AUDIO-TEXT RETRIEVAL
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3960	Multi-Source Dynamic Interactive Network Collaborative Reasoning Image Captioning
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3694	MULTI-SPEAKER LOCALIZATION IN THE CIRCULAR HARMONIC DOMAIN ON SMALL APERTURE MICROPHONE ARRAYS USING DEEP CONVOLUTIONAL NETWORKS
7927	MULTISPECTRAL RF IMAGING USING MULTIPLE NARROW-BAND FMCW SIGNALS
8668	MULTI-STAGE CONTRASTIVE REGRESSION FOR ACTION QUALITY ASSESSMENT
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2786	MULTI-VIEW INTERACTIVE COMPROMISE LEARNING FOR GROUP RECOMMENDATION
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4979	MULTI-VIEW SPECTROGRAM TRANSFORMER FOR RESPIRATORY SOUND CLASSIFICATION
5130	Multi-view Subspace Clustering with Consensus Graph Contrastive Learning
6471	MULTIWAY-ADAPTER: ADAPTING MULTIMODAL LARGE LANGUAGE MODELS FOR SCALABLE IMAGE-TEXT RETRIEVAL
6789	MULTI-WEATHER DEGRADATION-AWARE TRANSFORMER FOR IMAGE RESTORATION
3437	MUSIC AUTO-TAGGING WITH ROBUST MUSIC REPRESENTATION LEARNED VIA DOMAIN ADVERSARIAL TRAINING
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7866	MUSICLDM: ENHANCING NOVELTY IN TEXT-TO-MUSIC GENERATION USING BEAT-SYNCHRONOUS MIXUP STRATEGIES
3920	MUSIC-TO-DANCE POSES: LEARNING TO RETRIEVE DANCE POSES FROM MUSIC
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7235	MUTUAL INFORMATION ASSISTED GRAPH CONVOLUTION NETWORK FOR COLD-START RECOMMENDATION
8722	Mutual information based Noise Scale optimization for Gradient Leakage Resistant Federated Learning
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3293	MVITP: MULTI-VIEW IMAGE-TEXT PERCEPTION FOR FEW-SHOT REMOTE SENSING IMAGE CLASSIFICATION
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4699	NERF-AD: NEURAL RADIANCE FIELD WITH ATTENTION-BASED DISENTANGLEMENT FOR TALKING FACE SYNTHESIS
1660	NeRF-Gaze: A Head-Eye Redirection Parametric Model for Gaze Estimation
3977	NERI: IMPLICIT NEURAL REPRESENTATION OF LIDAR POINT CLOUD USING RANGE IMAGE SEQUENCE
4277	NEURAL AMBISONICS ENCODING FOR COMPACT IRREGULAR MICROPHONE ARRAYS
9378	NEURAL CONCATENATIVE SINGING VOICE CONVERSION: RETHINKING CONCATENATION-BASED APPROACH FOR ONE-SHOT SINGING VOICE CONVERSION
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9228	NEURAL NETWORK-BASED SYMBOLIC REGRESSION FOR EMPIRICAL MODELING OF THE BEHAVIOR OF A PLANETARY GEARBOX
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9761	Neural Ordinary differential equations with Trainable solvers
7056	NEURAL SPEAKER DIARIZATION USING MEMORY-AWARE MULTI-SPEAKER EMBEDDING WITH SEQUENCE-TO-SEQUENCE ARCHITECTURE
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7828	NLSIT: A NON-LOCAL STEREO INTERACTION TRANSFORMER FOR STEREO IMAGE SUPER-RESOLUTION
7573	Noise Masking Attacks and Defenses for Pretrained Speech Models
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9122	Noise-Aware Speech Separation with Contrastive Learning
4541	NOISE-BERT: A UNIFIED PERTURBATION-ROBUST FRAMEWORK WITH NOISE ALIGNMENT PRE-TRAINING FOR NOISY SLOT FILLING TASK
3763	NOISE-DISENTANGLED GRAPH CONTRASTIVE LEARNING VIA LOW-RANK AND SPARSE SUBSPACE DECOMPOSITION
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3029	NoLACE: Improving Low-Complexity Speech Codec Enhancement Through Adaptive Temporal Shaping
7117	NOMAD: Unsupervised Learning of perceptual embeddings for speech enhancement and non-matching reference audio quality assessment
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6552	NON-ITERATIVE PYRAMID NETWORK FOR UNSUPERVISED DEFORMABLE MEDICAL IMAGE REGISTRATION
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7064	Speech enhancement in hearing aids using target speech presence estimation based on a delayed remote microphone signal
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