

The top 5 most cited papers from 2023:

- [A Review of Speech-centric Trustworthy Machine Learning: Privacy, Safety, and Fairness](#) – Tiantian Feng, Rajat Hebbar, Nicholas Mehlman, Xuan Shi, Aditya Kommineni and Shrikanth Narayanan
- [Federated Analytics: A Survey](#) - Ahmed Roushdy Elkordy, Yahya H. Ezzeldin, Shanshan Han, Shantanu Sharma, Chaoyang He, Sharad Mehrotra and Salman Avestimehr
- [Is ChatGPT Involved in Texts? Measure the Polish Ratio to Detect ChatGPT-Generated Text](#) - Lingyi Yang, Feng Jiang and Haizhou Li
- [Deep Review and Analysis of Recent NeRFs](#) - Fang Zhu, Shuai Guo, Li Song, Ke Xu and Jiayu Hu
- [Deep Active Learning for Computer Vision: Past and Future](#) - Rinyoichi Takezoe, Xu Liu, Shunan Mao, Marco Tianyu Chen, Zhanpeng Feng, Shiliang Zhang and Xiaoyu Wang

The top 10 downloaded papers in 2023:

- [Deep Unsupervised Domain Adaptation: A Review of Recent Advances and Perspectives](#) - Xiaofeng Liu, Chaehwa Yoo, Fangxu Xing, Hyejin Oh, Georges El Fakhri, Je-Won Kang and Jonghye Woo
- [Recent Advances in End-to-End Automatic Speech Recognition](#) - Jinyu Li
- [Deep Review and Analysis of Recent NeRFs](#) - Fang Zhu, Shuai Guo, Li Song, Ke Xu and Jiayu Hu
- [A Review of Speech-centric Trustworthy Machine Learning: Privacy, Safety, and Fairness](#) – Tiantian Feng, Rajat Hebbar, Nicholas Mehlman, Xuan Shi, Aditya Kommineni and Shrikanth Narayanan
- [A Survey of Efficient Deep Learning Models for Moving Object Segmentation](#) - Bingxin Hou, Ying Liu, Nam Ling, Yongxiong Ren and Lingzhi Liu
- [Optical Flow Regularization of Implicit Neural Representations for Video Frame Interpolation](#) - Weihao Zhuang, Tristan Hascoet, Xunquan Chen, Ryoichi Takashima and Tetsuya Takiguchi
- [Federated Analytics: A Survey](#) - Ahmed Roushdy Elkordy, Yahya H. Ezzeldin, Shanshan Han, Shantanu Sharma, Chaoyang He, Sharad Mehrotra and Salman Avestimehr
- [The Future of Video Coding](#) - Nam Ling, C.-C. Jay Kuo, Gary J. Sullivan, Dong Xu, Shan Liu, Hsueh-Ming Hang, Wen-Hsiao Peng and Jiaying Liu
- [DeepFake and its Enabling Techniques: A Review](#) - Rachael Brooks, Yefeng Yuan, Yuhong Liu and Haiquan Chen
- [Recent Advances on Non-Line-of-Sight Imaging: Conventional Physical Models, Deep Learning, and New Scenes](#) - Ruixu Geng, Yang Hu and Yan Chen

The top 5 most cited papers since launch:

- [A tutorial survey of architectures, algorithms, and applications for deep learning](#) - Li Deng

- [Recent advances on active noise control: open issues and innovative applications](#) - Yoshinobu Kajikawa, Woon-Seng Gan and Sen M. Kuo
- [An overview on video forensics](#) - Simone Milani, Marco Fontani, Paolo Bestagini, Mauro Barni, Alessandro Piva, Marco Tagliasacchi and Stefano Tubaro
- [Evaluating word embedding models: methods and experimental results](#) - Bin Wang, Angela Wang, Fenxiao Chen, Yuncheng Wang and C.-C. Jay Kuo
- [An overview of ongoing point cloud compression standardization activities: video-based \(V-PCC\) and geometry-based \(G-PCC\)](#) - D. Graziosi, O. Nakagami, S. Kuma, A. Zaghetto, T. Suzuki and A. Tabatabai