

# Review of: "Exploding AI-Generated Deepfakes and Misinformation: A Threat to Global Concern in the 21st Century"

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Potential competing interests: No potential competing interests to declare.

Some representative Deepfake datasets should be included such as FaceForensics++, CelebDF v2, DFD, DFDC, DeepForensics-1.0, et al.

Some key references regarding Deepfake detection should be included in this review paper, such as:

Cao et al. End-to-end reconstruction-classification learning for face forgery detection, CVPR2020.

Kong et al. Detect and locate: Exposing face manipulation by semantic-and noise-level telltales, IEEE TIFS 2022.

Luo et al. Beyond the Prior Forgery Knowledge: Mining Critical Clues for General Face Forgery Detection, IEEE TIFS 2024.

Kong et al. Enhancing General Face Forgery Detection via Vision Transformer with Low-Rank Adaptation, IEEE MIPR 2023.

Shiohara et al. Detecting deepfakes with self-blended images. CVPR 2022.

Kong et al. Digital and physical face attacks: Reviewing and one step further. APSIPA 2023.

Sun et al. Dual contrastive learning for general face forgery detection. AAAI 2022.

Kong et al. Beyond the pixel world: a novel acoustic-based face anti-spoofing system for smartphones, IEEE TIFS 2022.