

Search strategy example

Search string:

(Topic: "emotion recognition" OR Topic: "affect recognition" OR Topic: "speech emotion" OR Topic: "conversational speech emotion" OR Topic: "emotional speech") AND (Topic: "deep learning" OR Topic: "machine learning" OR Topic: "acoustic features" OR Topic: "linguistic features") AND (Topic: "accuracy" OR Topic: "AUROC" OR Topic: "F-score" OR Topic: "sensitivity" OR Topic: "specificity" OR Topic: "CCC" OR Topic: "precision" OR Topic: "recall") AND (Publication Year: 2010-2023) AND (Language: English) AND (Document Types: Article)

Database: Web of Science

Inclusion criteria:

- Studies related to emotion recognition from conversational speech using deep learning, machine learning, acoustic features, or linguistic features.
- Accuracy, AUROC, F-score, sensitivity, specificity, CCC, precision or recall as evaluation measures.
- Conversation dataset in any language
- Natural, or acted conversation
- Conversation between humans only
- Publication year: 2010-2023
- Categorical or dimensional models
- Language: English
- Document type: Article

Exclusion criteria:

- Studies that do not use deep learning or machine learning
- Conversation with an avatar
- Studies on stress and anxiety
- Textual conversation