

Resource Summary Report

Generated by SPARC SAWG on Sep 16, 2026

BERT

RRID:SCR_018008

Type: Tool

Proper Citation

BERT (RRID:SCR_018008)

Resource Information

URL: <https://github.com/google-research/bert>

Proper Citation: BERT (RRID:SCR_018008)

Description: Technique for Natural Language Processing pre-training developed by Google. Pre-training of Deep Bidirectional Transformers for Language Understanding. Language representation model designed to pre-train deep bidirectional representations from unlabeled text by jointly conditioning on both left and right context in all layers.

Abbreviations: BERT

Synonyms: Bidirectional Encoder Representations from Transformers

Resource Type: software application, software resource

Keywords: text mining, natural language processing, pre-training, Google, deep bidirectional transformers, language understanding, unlabeled text, language representation model

Availability: Free, Available for download, Freely available

Resource Name: BERT

Resource ID: SCR_018008

License: Apache License 2.0

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260912T200255+0000

Ratings and Alerts

No rating or validation information has been found for BERT.

No alerts have been found for BERT.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 40 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Moradisani H, et al. (2026) Exploring unanswerability in machine reading comprehension: approaches, benchmarks, and open challenges. *Artificial intelligence review*, 59(1), 23.

Hakami H, et al. (2025) Automatic classification of mobile apps to ensure safe usage for adolescents. *PloS one*, 20(1), e0313953.

Liu L, et al. (2024) A high-frequency sense list. *Frontiers in psychology*, 15, 1430060.

Ahn Y, et al. (2024) Speech Emotion Recognition Incorporating Relative Difficulty and Labeling Reliability. *Sensors (Basel, Switzerland)*, 24(13).

Nakamura M, et al. (2024) Unraveling the DNA methylation landscape in dog blood across breeds. *BMC genomics*, 25(1), 1089.

Moon S, et al. (2023) Assessing document section heterogeneity across multiple electronic health record systems for computational phenotyping: A case study of heart-failure phenotyping algorithm. *PloS one*, 18(3), e0283800.

Dong H, et al. (2023) Ontology-driven and weakly supervised rare disease identification from clinical notes. *BMC medical informatics and decision making*, 23(1), 86.

Fang L, et al. (2023) Bioformer: an efficient transformer language model for biomedical text mining. *ArXiv*.

Müller M, et al. (2023) COVID-Twitter-BERT: A natural language processing model to analyse COVID-19 content on Twitter. *Frontiers in artificial intelligence*, 6, 1023281.

Garg M, et al. (2023) Mental Health Analysis in Social Media Posts: A Survey. *Archives of computational methods in engineering : state of the art reviews*, 30(3), 1819.

Gao W, et al. (2023) Identifying informative tweets during a pandemic via a topic-aware neural language model. *World wide web*, 26(1), 55.

Li X, et al. (2022) Improving patient self-description in Chinese online consultation using contextual prompts. *BMC medical informatics and decision making*, 22(1), 170.

Kart Ö, et al. (2022) Emati: a recommender system for biomedical literature based on supervised learning. Database : the journal of biological databases and curation, 2022.

Lentzen M, et al. (2022) Critical assessment of transformer-based AI models for German clinical notes. JAMIA open, 5(4), ooac087.

Li X, et al. (2022) When BERT meets Bilbo: a learning curve analysis of pretrained language model on disease classification. BMC medical informatics and decision making, 21(Suppl 9), 377.

Robledo C, et al. (2022) An open-source natural language processing toolkit to support software development: addressing automatic bug detection, code summarisation and code search. Open research Europe, 2, 37.

Zeng W, et al. (2022) MuLan-Methyl-multiple transformer-based language models for accurate DNA methylation prediction. GigaScience, 12.

Wu J, et al. (2022) Enhancing short-term crime prediction with human mobility flows and deep learning architectures. EPJ data science, 11(1), 53.

Martinez VR, et al. (2022) Boys don't cry (or kiss or dance): A computational linguistic lens into gendered actions in film. PloS one, 17(12), e0278604.

Sun J, et al. (2022) Improving Automated Essay Scoring by Prompt Prediction and Matching. Entropy (Basel, Switzerland), 24(9).