Resource Summary Report

Generated by kravitz2 on Aug 24, 2026

Catboost

RRID:SCR_021694
Type: Tool

Proper Citation

Catboost (RRID:SCR_021694)

Resource Information

URL: https://catboost.ai/

Proper Citation: Catboost (RRID:SCR_021694)

Description: Software package for gradient boosting on decision trees library. Used for ranking, classification, regression and other ML tasks.

Resource Type: software resource, software toolkit

Keywords: Gradient boosting, decision trees

Availability: Free, Available for download, Freely available

Resource Name: Catboost

Resource ID: SCR_021694

Record Creation Time: 20220129T080356+0000

Record Last Update: 20260821T194202+0000

Ratings and Alerts

No rating or validation information has been found for Catboost.

No alerts have been found for Catboost.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 66 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Minh Manh V, et al. (2026) HybFusion: A holistic Android malware detection framework with advanced feature fusion and ensemble learning. PloS one, 21(6), e0349589.

Stern A, et al. (2026) Integrative machine learning approach to risk prediction for dementia and Alzheimer's disease. GeroScience, 48(2), 3007.

Zhang Y, et al. (2026) Metabolic phenotyping of sepsis in large multicenter cohorts: identification of a reproducible high-risk subgroup. Lipids in health and disease, 25(1), 64.

Tamim MS, et al. (2026) Ensemble and temporal feature-based framework for rainfall classification in Bangladesh. PloS one, 21(3), e0342646.

Bokpin GA, et al. (2026) Field evaluation of drone and AI assisted larval source management in Ghana. PloS one, 21(2), e0340690.

Öter A, et al. (2026) Stacking ensemble machine learning for predicting photodetector performance under varying illumination intensities. Scientific reports, 16(1), 3600.

Zhao Y, et al. (2026) Dynamic demand forecasting and capacity assessment for emergency care system: a hybrid time series and machine learning approach with evidence from Beijing. BMC health services research, 26(1).

Zhou A, et al. (2026) Increased hailstorms in cities through cell merger mechanism across North America and East Asia. Nature communications, 17(1).

Ashaolu JO, et al. (2026) Comparative performance of machine learning models in predicting childhood diarrhea: implications for public health surveillance. The Journal of the Egyptian Public Health Association, 101(1).

Yue J, et al. (2026) Development and validation of a pathomics-driven machine learning model for individualized prediction of neoadjuvant chemotherapy response and early recurrence in HR-positive, HER2-negative breast cancer. Frontiers in oncology, 16, 1770037.

Habbous S, et al. (2026) Using tree-based ensemble methods to produce a population-based mortality risk score in Ontario, Canada. PloS one, 21(4), e0347302.

Tu?rul T, et al. (2025) Hybrid Wavelet-ML models for regional drought forecasting in Norway. Scientific reports, 15(1), 38573.

Bi C, et al. (2025) HiCat: a semi-supervised approach for cell type annotation. Briefings in bioinformatics, 26(4).

Li C, et al. (2025) Anticancer drug synergy prediction based on CatBoost. PeerJ. Computer science, 11, e2829.

Kwon YG, et al. (2025) Identifying determinants of unmet healthcare needs in South Korea: a comparison of machine learning approaches for precision public health. BMC

public health, 26(1), 481.

Mizrahi D, et al. (2025) Improving attachment style clustering with ROCKET and CatBoost: Insights from EEG analysis. PloS one, 20(9), e0331112.

Moradmand H, et al. (2025) Graph feature selection for enhancing radiomic stability and reproducibility across multiple institutions in head and neck cancer. Scientific reports, 15(1), 27995.

Schendel SL, et al. (2025) A global collaboration for systematic analysis of broad-ranging antibodies against the SARS-CoV-2 spike protein. Cell reports, 44(4), 115499.

Kauttonen J, et al. (2025) Trust and Acceptance Challenges in the Adoption of AI Applications in Health Care: Quantitative Survey Analysis. Journal of medical Internet research, 27, e65567.

Malashin I, et al. (2025) Boosting-Based Machine Learning Applications in Polymer Science: A Review. Polymers, 17(4).