Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

RESNET

RRID:SCR_002121
Type: Tool

Proper Citation

RESNET (RRID:SCR_002121)

Resource Information

URL: http://www.ariadnegenomics.com/products/databases/resnet/

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Description: Databases that represent sets of pre-compiled information on biological relationships and associations, interactions and facts which have been extracted from the biomedical literature using Ariadne's MedScan technology. ResNet databases store information harvested from the entire PubMed in a formal structure that allows searching, retrieval and updating by Pathway Studio user. ResNet is seamlessly installed when Pathway Studio is installed. There are several available ResNet databases: *ResNet Mammalian Database includes data for Human, Rat, and Mouse *ResNet Plant Database has data on Arabidopsis, Rice and several other plants. Features of ResNet: *All extracted relations have linked access to the original article or abstract *Synonyms and homologs are included to maintain gene identity and to obviate redundancy in search results *Users can update ResNet as often as required using the MedScan technology built into all Ariadne products *Updates are made available by Ariadne every quarter To purchase Pathway Studio software with ResNet database, for information, or to schedule a web demonstration, call our sales department at (240) 453-6272, or (866) 340-5040 (toll free).

Abbreviations: ResNet

Synonyms: Ariadne ResNet Databases, ResNet Databases

Resource Type: database, data or information resource

Keywords: biological relationship, biomedical, literature, interaction, FASEB list

Funding:

Availability: Commercial license: Use of either the ResNet Mammalian Database or the

ResNet Plant Database is included in a subscription license to Pathway Studio.

Resource Name: RESNET

Resource ID: SCR_002121

Alternate IDs: nif-0000-20909

Old URLs: http://www.ariadnegenomics.com/products/databases/ariadne-resnet/

Record Creation Time: 20220129T080211+0000

Record Last Update: 20250412T054650+0000

Ratings and Alerts

No rating or validation information has been found for RESNET.

No alerts have been found for RESNET.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1158 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Zhang X, et al. (2025) A novel method for intelligent operation and maintenance of transformers using deep visual large model DETR?+?X and digital twin. Scientific reports, 15(1), 98.

Pentz HK, et al. (2025) Elf autoencoder for unsupervised exploration of flat-band materials using electronic band structure fingerprints. Communications physics, 8(1), 25.

Yarkheir M, et al. (2025) Automated strabismus detection and classification using deep learning analysis of facial images. Scientific reports, 15(1), 3910.

Zhang J, et al. (2025) A Review on Face Mask Recognition. Sensors (Basel, Switzerland), 25(2).

Choi E, et al. (2025) Artificial intelligence-enhanced diagnosis of degenerative joint disease using temporomandibular joint panoramic radiography and joint noise data. Scientific reports, 15(1), 1823.

Weng Y, et al. (2025) An improved DeepLabv3?+?railway track extraction algorithm based on densely connected and attention mechanisms. Scientific reports, 15(1), 2556.

Stampe M, et al. (2025) Quantitative characterization of eosinophilia in nasal polyps with AI-based single cell classification. International forum of allergy & rhinology, 15(2), 188.

Abdusalomov A, et al. (2025) Accessible AI Diagnostics and Lightweight Brain Tumor Detection on Medical Edge Devices. Bioengineering (Basel, Switzerland), 12(1).

Ren Z, et al. (2025) LittleFaceNet: A Small-Sized Face Recognition Method Based on RetinaFace and AdaFace. Journal of imaging, 11(1).

Vidivelli S, et al. (2025) Optimising deep learning models for ophthalmological disorder classification. Scientific reports, 15(1), 3115.

Breen J, et al. (2025) A comprehensive evaluation of histopathology foundation models for ovarian cancer subtype classification. NPJ precision oncology, 9(1), 33.

Efat AH, et al. (2025) Inverse Gini indexed averaging: A multi-leveled ensemble approach for skin lesion classification using attention-integrated customized ResNet variants. Digital health, 11, 20552076241312936.

Li M, et al. (2025) The analysis of dance teaching system in deep residual network fusing gated recurrent unit based on artificial intelligence. Scientific reports, 15(1), 1305.

Nfor KA, et al. (2025) An Explainable CNN and Vision Transformer-Based Approach for Real-Time Food Recognition. Nutrients, 17(2).

Gupta C, et al. (2025) Applying YOLOv6 as an ensemble federated learning framework to classify breast cancer pathology images. Scientific reports, 15(1), 3769.

Chua J, et al. (2025) Utilizing deep learning to predict Alzheimer's disease and mild cognitive impairment with optical coherence tomography. Alzheimer's & dementia (Amsterdam, Netherlands), 17(1), e70041.

Fang X, et al. (2025) Investigating the key principles in two-step heterogeneous transfer learning for early laryngeal cancer identification. Scientific reports, 15(1), 2146.

Krishnan SSR, et al. (2025) Comparative analysis of deep learning models for crack detection in buildings. Scientific reports, 15(1), 2125.

Liu Z, et al. (2025) Identification of diabetic retinopathy lesions in fundus images by integrating CNN and vision mamba models. PloS one, 20(1), e0318264.

Eulig E, et al. (2025) Reconstructing and analyzing the invariances of low-dose CT image denoising networks. Medical physics, 52(1), 188.