## **Resource Summary Report**

Generated by dkNET on Apr 21, 2025

# **Bioz**

RRID:SCR\_015017 Type: Tool

**Proper Citation** 

Bioz (RRID:SCR\_015017)

#### **Resource Information**

URL: https://www.bioz.com

Proper Citation: Bioz (RRID:SCR\_015017)

**Description:** Search engine that mines life sciences papers using Natural Language Processing and Machine Learning to clean, tag and structure the data. Insights focus on experimentation and include objective recommendations, ratings and insights for reagents, lab equipment, assays, protocols and researchers.

Synonyms: bioz

Resource Type: web application, software resource

**Keywords:** natural language processing, machine learning, text mining, text mining search engine

**Funding:** 

Availability: Registration required, Sign in required

Resource Name: Bioz

Resource ID: SCR\_015017

License URLs: https://www.bioz.com/terms\_of\_service

**Record Creation Time:** 20220129T080323+0000

Record Last Update: 20250420T015241+0000

### **Ratings and Alerts**

No rating or validation information has been found for Bioz.

No alerts have been found for Bioz.

#### Data and Source Information

Source: SciCrunch Registry

#### **Usage and Citation Metrics**

We found 45 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Chapman FA, et al. (2024) Cardiovascular and renal effects of apelin in chronic kidney disease: a randomised, double-blind, placebo-controlled, crossover study. Nature communications, 15(1), 8387.

Wang Y, et al. (2024) Bone marrow mesenchymal stem cells overexpressing stromal cellderived factor 1 aid in bone formation in osteoporotic mice. BMC musculoskeletal disorders, 25(1), 878.

Grimes KM, et al. (2024) MEK1-ERK1/2 signaling regulates the cardiomyocyte nonsarcomeric actin cytoskeletal network. American journal of physiology. Heart and circulatory physiology, 326(1), H180.

Zhang S, et al. (2024) Tumor associated neutrophils governs tumor progression through an IL-10/STAT3/PD-L1 feedback signaling loop in lung cancer. Translational oncology, 40, 101866.

Su Z, et al. (2024) A bacterial methyltransferase that initiates biotin synthesis, an attractive anti-ESKAPE druggable pathway. Science advances, 10(51), eadp3954.

Suliman HB, et al. (2022) Nuclear respiratory factor-1 negatively regulates TGF-?1 and attenuates pulmonary fibrosis. iScience, 25(1), 103535.

Xu Y, et al. (2022) Three enigmatic BioH isoenzymes are programmed in the early stage of mycobacterial biotin synthesis, an attractive anti-TB drug target. PLoS pathogens, 18(7), e1010615.

Shi Y, et al. (2022) Structure and mechanism for streptococcal fatty acid kinase (Fak) system dedicated to host fatty acid scavenging. Science advances, 8(35), eabq3944.

Landau S, et al. (2021) Investigating lymphangiogenesis in vitro and in vivo using engineered human lymphatic vessel networks. Proceedings of the National Academy of Sciences of the

United States of America, 118(31).

Huysmans D, et al. (2021) Capacitively-Coupled ECG and Respiration for Sleep-Wake Prediction and Risk Detection in Sleep Apnea Patients. Sensors (Basel, Switzerland), 21(19).

Bai Y, et al. (2021) Connective Tissue Growth Factor From Periosteal Tartrate Acid Phosphatase-Positive Monocytes Direct Skeletal Stem Cell Renewal and Fate During Bone Healing. Frontiers in cell and developmental biology, 9, 730095.

Yu T, et al. (2021) Klotho upregulates the interaction between RANK and TRAF6 to facilitate RANKL-induced osteoclastogenesis via the NF-?B signaling pathway. Annals of translational medicine, 9(19), 1499.

Moeyersons J, et al. (2021) Artefact Detection in Impedance Pneumography Signals: A Machine Learning Approach. Sensors (Basel, Switzerland), 21(8).

Shaala LA, et al. (2021) Fusaripyridines A and B; Highly Oxygenated Antimicrobial Alkaloid Dimers Featuring an Unprecedented 1,4-Bis(2-hydroxy-1,2-dihydropyridin-2-yl)butane-2,3-dione Core from the Marine Fungus Fusarium sp. LY019. Marine drugs, 19(9).

Manzon L, et al. (2021) Bite Force in Elderly with Full Natural Dentition and Different Rehabilitation Prosthesis. International journal of environmental research and public health, 18(4).

Peri-Okonny PA, et al. (2021) Differential effects of eplerenone versus amlodipine on muscle metaboreflex function in hypertensive humans. Journal of clinical hypertension (Greenwich, Conn.), 23(9), 1706.

Yu T, et al. (2021) Chondrogenesis mediates progression of ankylosing spondylitis through heterotopic ossification. Bone research, 9(1), 19.

Geiss AF, et al. (2021) Engineering the Turnover Stability of Cellobiose Dehydrogenase toward Long-Term Bioelectronic Applications. ACS sustainable chemistry & engineering, 9(20), 7086.

Zhang S, et al. (2021) Biochemical and structural characterization of the BioZ enzyme engaged in bacterial biotin synthesis pathway. Nature communications, 12(1), 2056.

Ma D, et al. (2020) RNAi-mediated IARS2 knockdown inhibits proliferation and promotes apoptosis in human melanoma A375 cells. Oncology letters, 20(2), 1093.