

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

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

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: 20260808T190252+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 54 mentions in open access literature.

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

Lu Q, et al. (2026) CGRP Enhances the Regeneration of Bone Defects by Regulating Bone Marrow Mesenchymal Stem Cells Through Promoting ANGPTL4 Secretion by Bone Blood Vessels. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(14), e22295.

Osman D, et al. (2026) Cardiovascular digital twins using a Windkessel physics informed neural network. *NPJ digital medicine*, 9(1).

Fuchs B, et al. (2026) Robust learning framework for a scalable remote monitoring of autonomic dysreflexia: use-case in spinal cord injury. *Scientific reports*, 16(1).

Sanchez-Perez JA, et al. (2026) Monitoring Respiratory Health in Children With Acute Asthma Using Wearable Electrical Bioimpedance and Breath Sounds: Observational Case-Control Study. *JMIR mHealth and uHealth*, 14, e72979.

Osa-Sanchez A, et al. (2025) Wearable Sensors and Artificial Intelligence for Sleep Apnea Detection: A Systematic Review. *Journal of medical systems*, 49(1), 66.

Ashtari F, et al. (2025) Effect of aqueous extract of *Eucalyptus Microtheca* on *Acanthamoeba* genotype T5, an in vitro study. *BMC complementary medicine and therapies*, 25(1), 127.

Branan KL, et al. (2025) Robust Prediction of Cardiorespiratory Signals from a Multimodal Physiological System on the Upper Arm. *Biosensors*, 15(8).

Jiang Y, et al. (2025) Disruption of ovarian function and induction of apoptosis in female mice by Brefeldin A: Mechanistic insights into reproductive toxicity. *Animal models and experimental medicine*, 8(11), 2053.

Huang H, et al. (2025) Structure and catalytic mechanism of exogenous fatty acid recycling by AasS, a versatile acyl-ACP synthetase. *Nature structural & molecular biology*, 32(5), 802.

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

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.

Grimes KM, et al. (2024) MEK1-ERK1/2 signaling regulates the cardiomyocyte non-sarcomeric 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- β 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).

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