

Resource Summary Report

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BoneJ

RRID:SCR_018166

Type: Tool

Proper Citation

BoneJ (RRID:SCR_018166)

Resource Information

URL: <http://bonej.org/>

Proper Citation: BoneJ (RRID:SCR_018166)

Description: Software plugin for bone image analysis in ImageJ. Used for standard bone measurements. Provides free, open source tools for trabecular geometry and whole bone shape analysis.

Synonyms: BoneJ2

Resource Type: software resource, image analysis software, data processing software, software application

Defining Citation: [PMID:20817052](#)

Keywords: Bone, image analysis, ImageJ, standard bone measurement, trabecular geometry, whole bone shape

Funding: UK Biotechnology and Biological Sciences Research Council

Availability: Free, Available for download, Freely available

Resource Name: BoneJ

Resource ID: SCR_018166

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260803T040754+0000

Ratings and Alerts

No rating or validation information has been found for BoneJ.

No alerts have been found for BoneJ.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Xiao P, et al. (2024) Characterization of Trabecular Bone Microarchitecture and Mechanical Properties Using Bone Surface Curvature Distributions. *Journal of functional biomaterials*, 15(8).

Zhu D, et al. (2024) Systematic transcriptome profiling of hPSC-derived osteoblasts unveils CORIN's mastery in governing osteogenesis through CEBPD modulation. *The Journal of biological chemistry*, 300(8), 107494.

Herbst EC, et al. (2023) 3D profiling of mouse epiphyses across ages reveals new potential imaging biomarkers of early spontaneous osteoarthritis. *Journal of anatomy*, 242(6), 1037.

Domander R, et al. (2021) BoneJ2 - refactoring established research software. *Wellcome open research*, 6, 37.

Kang M, et al. (2020) MRI Visualization of Whole Brain Macro- and Microvascular Remodeling in a Rat Model of Ischemic Stroke: A Pilot Study. *Scientific reports*, 10(1), 4989.

Buser TJ, et al. (2020) The Natural Historian's Guide to the CT Galaxy: Step-by-Step Instructions for Preparing and Analyzing Computed Tomographic (CT) Data Using Cross-Platform, Open Access Software. *Integrative organismal biology (Oxford, England)*, 2(1), obaa009.

Steiner L, et al. (2020) Comparison of different microCT-based morphology assessment tools using human trabecular bone. *Bone reports*, 12, 100261.

Moitti?? S, et al. (2020) Discovery of os cordis in the cardiac skeleton of chimpanzees (Pan troglodytes). *Scientific reports*, 10(1), 9417.

Salmon PL, et al. (2015) Structure Model Index Does Not Measure Rods and Plates in Trabecular Bone. *Frontiers in endocrinology*, 6, 162.