

# In Vivo Assessment of Trabecular Bone Microarchitecture Quantitative Computed Tomography

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Citation Report

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1	Prediction of failure load using micro-finite element analysis models: Toward in vivo strength assessment. <i>Drug Discovery Today: Technologies</i> , 2006, 3, 221-229.	4.0	30
2	Reply re: "Half the burden of fragility fractures in the community occur in women without osteoporosis. When is fracture prevention cost effective?" by Sanders et al.. <i>Bone</i> , 2006, 39, 1391-1392.	1.4	2
3	Bone Quality " The Material and Structural Basis of Bone Strength and Fragility. <i>New England Journal of Medicine</i> , 2006, 354, 2250-2261.	13.9	1,687
5	Importance of Individual Rods and Plates in the Assessment of Bone Quality and Their Contribution to Bone Stiffness. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 586-595.	3.1	121
6	Treatment of Skeletally Mature Ovariectomized Rhesus Monkeys With PTH(1-84) for 16 Months Increases Bone Formation and Density and Improves Trabecular Architecture and Biomechanical Properties at the Lumbar Spine. <i>Journal of Bone and Mineral Research</i> , 2006, 22, 260-273.	3.1	51
7	Evaluation of Three-dimensional Image Registration Methodologies for In Vivo Micro-computed Tomography. <i>Annals of Biomedical Engineering</i> , 2006, 34, 1587-1599.	1.3	56
8	Hot stuff" can't get enough. <i>Osteoporosis International</i> , 2006, 17, 791-794.	1.3	0
11	Clinical utility of microarchitecture measurements of trabecular bone. <i>Current Osteoporosis Reports</i> , 2006, 4, 64-70.	1.5	41
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16	Evaluation of fetal bone structure and mineralization in IGF-I deficient mice using synchrotron radiation microtomography and Fourier transform infrared spectroscopy. <i>Bone</i> , 2007, 40, 160-168.	1.4	28
17	Load distribution and the predictive power of morphological indices in the distal radius and tibia by high resolution peripheral quantitative computed tomography. <i>Bone</i> , 2007, 41, 129-137.	1.4	110
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19	Automatic segmentation of cortical and trabecular compartments based on a dual threshold technique for in vivo micro-CT bone analysis. <i>Bone</i> , 2007, 41, 505-515.	1.4	502
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23	Accuracy of high-resolution peripheral quantitative computed tomography for measurement of bone quality. <i>Medical Engineering and Physics</i> , 2007, 29, 1096-1105.	0.8	358
24	Alterations of Cortical and Trabecular Architecture Are Associated With Fractures in Postmenopausal Women, Partially Independent of Decreased BMD Measured by DXA: The OFELY Study. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 425-433.	3.1	397
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42	Assessment of trabecular bone structure comparing magnetic resonance imaging at 3ÂTesla with high-resolution peripheral quantitative computed tomography ex vivo and in vivo. <i>Osteoporosis International</i> , 2008, 19, 653-661.	1.3	65
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