

# Stephanie Boutroy

## List of Publications by Year in descending order

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23  
papers

3,943  
citations

377584

21  
h-index

721071

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

3035  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of Fractures in Men Using Bone Microarchitectural Parameters Assessed by High-Resolution Peripheral Quantitative Computed Tomographyâ€”The Prospective STRAMBO Study. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1470-1479.	3.1	33
2	Least-detectable and age-related local in vivo bone remodelling assessed by time-lapse HR-pQCT. <i>PLoS ONE</i> , 2018, 13, e0191369.	1.1	28
3	Bone Microarchitecture Assessed by HRâ€pQCT as Predictor of Fracture Risk in Postmenopausal Women: The OFELY Study. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1243-1251.	3.1	111
4	Microarchitecture and Peripheral BMD are Impaired in Postmenopausal White Women With Fracture Independently of Total Hip <i>T</i> -Score: An International Multicenter Study. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1158-1166.	3.1	69
5	Noninvasive Assessment of Skeletal Microstructure and Estimated Bone Strength in Hypoparathyroidism. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 308-316.	3.1	67
6	Age-related changes in bone strength from HR-pQCT derived microarchitectural parameters with an emphasis on the role of cortical porosity. <i>Bone</i> , 2016, 83, 233-240.	1.4	57
7	Voxel size dependency, reproducibility and sensitivity of an <i>in vivo</i> bone loading estimation algorithm. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20150991.	1.5	22
8	Lower Cortical Porosity and Higher Tissue Mineral Density in Chinese American Versus White Women. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 551-561.	3.1	32
9	Challenges in longitudinal measurements with HR-pQCT: Evaluation of a 3D registration method to improve bone microarchitecture and strength measurement reproducibility. <i>Bone</i> , 2014, 63, 147-157.	1.4	80
10	Bone remodelling in humans is load-driven but not lazy. <i>Nature Communications</i> , 2014, 5, 4855.	5.8	212
11	Differing effects of denosumab and alendronate on cortical and trabecular bone. <i>Bone</i> , 2014, 59, 173-179.	1.4	135
12	Primary hyperparathyroidism is associated with abnormal cortical and trabecular microstructure and reduced bone stiffness in postmenopausal women. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1029-1040.	3.1	174
13	Multicenter precision of cortical and trabecular bone quality measures assessed by high-resolution peripheral quantitative computed tomography. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 524-536.	3.1	98
14	Trabecular Bone Score (TBS)â€”A Novel Method to Evaluate Bone Microarchitectural Texture in Patients With Primary Hyperparathyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 1963-1970.	1.8	163
15	Comparison of 2D and 3D bone microarchitecture evaluation at the femoral neck, among postmenopausal women with hip fracture or hip osteoarthritis. <i>Bone</i> , 2011, 49, 1055-1061.	1.4	34
16	Finite element analysis performed on radius and tibia HR-pQCT images and fragility fractures at all sites in men. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 965-973.	3.1	126
17	Cross-sectional analysis of the association between fragility fractures and bone microarchitecture in older men: The STRAMBO study. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1358-1367.	3.1	94
18	Microarchitectural deterioration of cortical and trabecular bone: Differing effects of denosumab and alendronate. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1886-1894.	3.1	250

#	ARTICLE	IF	CITATIONS
19	Finite element analysis performed on radius and tibia HR-pQCT images and fragility fractures at all sites in postmenopausal women. <i>Bone</i> , 2010, 46, 1030-1037.	1.4	153
20	Severity of Vertebral Fractures Is Associated With Alterations of Cortical Architecture in Postmenopausal Women. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 737-743.	3.1	122
21	Finite Element Analysis Based on In Vivo HR-pQCT Images of the Distal Radius Is Associated With Wrist Fracture in Postmenopausal Women. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 392-399.	3.1	414
22	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
23	In Vivo Assessment of Trabecular Bone Microarchitecture by High-Resolution Peripheral Quantitative Computed Tomography. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 6508-6515.	1.8	1,072