

Nancy E Lane

List of Publications by Year in descending order

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Version: 2024-02-01

188
papers

14,729
citations

22153

59
h-index

20358

116
g-index

198
all docs

198
docs citations

198
times ranked

13717
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Weight Change on Knee and Hip Radiographic Measurements and Pain Over Four Years: Data From the Osteoarthritis Initiative. <i>Arthritis Care and Research</i> , 2023, 75, 860-868.	3.4	9
2	CT Muscle Density, D3Cr Muscle Mass, and Body Fat Associations With Physical Performance, Mobility Outcomes, and Mortality Risk in Older Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 790-799.	3.6	13
3	The Effect of Discontinuing Denosumab in Patients With Rheumatoid Arthritis Treated With Glucocorticoids. <i>Arthritis and Rheumatology</i> , 2022, 74, 604-611.	5.6	6
4	Synovial inflammation in osteoarthritis progression. <i>Nature Reviews Rheumatology</i> , 2022, 18, 258-275.	8.0	243
5	Deep Learning Classification of Spinal Osteoporotic Compression Fractures on Radiographs using an Adaptation of the Genant Semiquantitative Criteria. <i>Academic Radiology</i> , 2022, 29, 1819-1832.	2.5	7
6	Neurogenic inflammation as a novel treatment target for chronic pain syndromes. <i>Experimental Neurology</i> , 2022, 356, 114108.	4.1	14
7	Repeat Bone Mineral Density Screening Measurement and Fracture Prediction in Older Men: A Prospective Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3877-e3886.	3.6	7
8	Meniscal Root Tears and Extrusion Are Significantly Associated with the Development of Accelerated Knee Osteoarthritis: Data from the Osteoarthritis Initiative. <i>Cartilage</i> , 2021, 13, 239S-248S.	2.7	26
9	Determining a Threshold of Medial Meniscal Extrusion for Prediction of Knee Pain and Cartilage Damage Progression Over 4 Years: Data From the Osteoarthritis Initiative. <i>American Journal of Roentgenology</i> , 2021, 216, 1318-1328.	2.2	16
10	Obese and overweight individuals have greater knee synovial inflammation and associated structural and cartilage compositional degeneration: data from the osteoarthritis initiative. <i>Skeletal Radiology</i> , 2021, 50, 217-229.	2.0	25
11	Real-world bone turnover marker use: impact on treatment decisions and fracture. <i>Osteoporosis International</i> , 2021, 32, 831-840.	3.1	13
12	Characterization of individuals with osteoarthritis in the United States and their use of prescription and over-the-counter supplements. <i>Maturitas</i> , 2021, 145, 24-30.	2.4	7
13	The evolution of nerve growth factor inhibition in clinical medicine. <i>Nature Reviews Rheumatology</i> , 2021, 17, 34-46.	8.0	71
14	Bone Strength/Bone Mass Discrepancy in Glucocorticoid-Treated Adult Mice. <i>JBMR Plus</i> , 2021, 5, e10443.	2.7	7
15	Osteoporosis associated with rheumatologic disorders. , 2021, , 1309-1324.		0
16	Gut microbiome pattern reflects healthy ageing and predicts survival in humans. <i>Nature Metabolism</i> , 2021, 3, 274-286.	11.9	278
17	Joint-Adjacent Adipose Tissue by <scp>MRI</scp> is Associated With Prevalence and Progression of Knee Degenerative Changes: Data from the Osteoarthritis Initiative. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 155-165.	3.4	5
18	The influence of adult hip shape genetic variants on adolescent hip shape: Findings from a population-based DXA study. <i>Bone</i> , 2021, 143, 115792.	2.9	5

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19	Molecular pharming to support human life on the moon, mars, and beyond. Critical Reviews in Biotechnology, 2021, 41, 849-864.	9.0	25
20	Weight Cycling and Knee Joint Degeneration in Individuals with Overweight or Obesity: Four-Year Magnetic Resonance Imaging Data from the Osteoarthritis Initiative. Obesity, 2021, 29, 909-918.	3.0	4
21	Opioid users show worse baseline knee osteoarthritis and faster progression of degenerative changes: a retrospective case-control study based on data from the Osteoarthritis Initiative (OAI). Arthritis Research and Therapy, 2021, 23, 146.	3.5	8
22	Targeting Nerve Growth Factor for Pain Management in Osteoarthritis—Clinical Efficacy and Safety. Rheumatic Disease Clinics of North America, 2021, 47, 181-195.	1.9	13
23	Lower urinary tract symptoms are associated with musculoskeletal pain among older men: Preliminary evidence for central sensitization as a mechanism?. Neurourology and Urodynamics, 2021, 40, 1929-1938.	1.5	3
24	Higher Fatigue Prospectively Increases the Risk of Falls in Older Men. Innovation in Aging, 2021, 5, igaa061.	0.1	20
25	Long-Term Efficacy of Treatment Effects After a Kyphosis Exercise and Posture Training Intervention in Older Community-Dwelling Adults: A Cohort Study. Journal of Geriatric Physical Therapy, 2021, 44, 127-138.	1.1	7
26	Association of Diabetes Mellitus and Biomarkers of Abnormal Glucose Metabolism With Incident Radiographic Knee Osteoarthritis. Arthritis Care and Research, 2020, 72, 98-106.	3.4	17
27	American Society for Bone and Mineral Research—Orthopaedic Research Society Joint Task Force Report on Cell-Based Therapies. Journal of Bone and Mineral Research, 2020, 35, 3-17.	2.8	11
28	Associations Between Vitamins C and D Intake and Cartilage Composition and Knee Joint Morphology Over 4 Years: Data From the Osteoarthritis Initiative. Arthritis Care and Research, 2020, 72, 1239-1247.	3.4	23
29	Dietary Intake, D3Cr Muscle Mass, and Appendicular Lean Mass in a Cohort of Older Men. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1353-1361.	3.6	11
30	Selective inhibition of progesterone receptor in osteochondral progenitor cells, but not in mature chondrocytes, modulated subchondral bone structures. Bone, 2020, 132, 115196.	2.9	3
31	Objective measures of moderate to vigorous physical activity are associated with higher distal limb bone strength among elderly men. Bone, 2020, 132, 115198.	2.9	5
32	Sequential Treatment of Estrogen Deficient, Osteopenic Rats with Alendronate, Parathyroid Hormone (1–34), or Raloxifene Alters Cortical Bone Mineral and Matrix Composition. Calcified Tissue International, 2020, 106, 303-314.	3.1	15
33	Co-existing patterns of MRI lesions were differentially associated with knee pain at rest and on joint loading: a within-person knee-matched case-controls study. BMC Musculoskeletal Disorders, 2020, 21, 650.	1.9	2
34	Patterns of Change Over Time in Knee Bone Shape Are Associated with Sex. Clinical Orthopaedics and Related Research, 2020, 478, 1491-1502.	1.5	6
35	A Promising Treatment for Osteoarthritis?. Annals of Internal Medicine, 2020, 173, 580-581.	3.9	3
36	A new anabolic compound, LLP2A-Ale, reserves periodontal bone loss in mice through augmentation of bone formation. BMC Pharmacology & Toxicology, 2020, 21, 76.	2.4	2

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37	Natural history of new horizontal meniscal tears in individuals at risk for and with mild to moderate osteoarthritis: data from osteoarthritis initiative. <i>European Radiology</i> , 2020, 30, 5971-5980.	4.5	4
38	Association of blood pressure with knee cartilage composition and structural knee abnormalities: data from the osteoarthritis initiative. <i>Skeletal Radiology</i> , 2020, 49, 1359-1368.	2.0	8
39	High susceptibility to collagen-induced arthritis in mice with progesterone receptors selectively inhibited in osteoprogenitor cells. <i>Arthritis Research and Therapy</i> , 2020, 22, 165.	3.5	2
40	Hyperkyphosis and self-reported and objectively measured sleep quality in older men. <i>PLoS ONE</i> , 2020, 15, e0228638.	2.5	1
41	Height Loss in Old Age and Fracture Risk Among Men in Late Life: A Prospective Cohort Study. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1069-1076.	2.8	7
42	American Society for Bone and Mineral Researchâ€Orthopaedic Research Society Joint Task Force Report on Cellâ€Based Therapies â€ Secondary Publication. <i>Journal of Orthopaedic Research</i> , 2020, 38, 485-502.	2.3	7
43	Glucocorticoid-Induced Osteoporosis. <i>Contemporary Endocrinology</i> , 2020, , 407-418.	0.1	3
44	INHIBITION OF WINGLESS-RELATED INTEGRATION SITE (WNT) SIGNALLING MAY TREAT OSTEOARTHRITIS OF THE KNEE. <i>Transactions of the American Clinical and Climatological Association</i> , 2020, 131, 55-64.	0.5	2
45	Muscle Strength and Physical Performance Are Associated With Risk of Postfracture Mortality But Not Subsequent Fracture in Men. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 1571-1579.	2.8	9
46	Strain-specific differences in the development of bone loss and incidence of osteonecrosis following glucocorticoid treatment in two different mouse strains. <i>Journal of Orthopaedic Translation</i> , 2019, 16, 91-101.	3.9	10
47	Fracture and Bone Mineral Density Response by Baseline Risk in Patients Treated With Abaloparatide Followed by Alendronate: Results From the Phase 3 ACTIVExtend Trial. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 2213-2219.	2.8	13
48	Association of dietary patterns with the gut microbiota in older, community-dwelling men. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1003-1014.	4.7	55
49	Feasibility and Acceptability of Technology-Based Exercise and Posture Training in Older Adults With Age-Related Hyperkyphosis: Pre-Post Study. <i>JMIR Aging</i> , 2019, 2, e12199.	3.0	8
50	Intra-articular corticosteroids and the risk of knee osteoarthritis progression: results from the Osteoarthritis Initiative. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 855-862.	1.3	125
51	Glucocorticoid-Induced Osteoporosis: New Insights into the Pathophysiology and Treatments. <i>Current Osteoporosis Reports</i> , 2019, 17, 1-7.	3.6	91
52	The Effects of Glucosamine and Chondroitin Sulfate on Gut Microbial Composition: A Systematic Review of Evidence from Animal and Human Studies. <i>Nutrients</i> , 2019, 11, 294.	4.1	43
53	Longitudinal MRI structural findings observed in accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Skeletal Radiology</i> , 2019, 48, 1949-1959.	2.0	11
54	Is treated HIV infection associated with knee cartilage degeneration and structural changes? A longitudinal study using data from the osteoarthritis initiative. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 190.	1.9	12

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55	THU0458...EFFICACY AND SAFETY FROM A PHASE 2B TRIAL OF SM04690, A NOVEL INTRA-ARTICULAR WNT PATHWAY INHIBITOR FOR THE TREATMENT OF OSTEOARTHRITIS OF THE KNEE. , 2019, , .		4
56	In-hospital mortality after hip arthroplasty in China. Bone and Joint Journal, 2019, 101-B, 1209-1217.	4.4	27
57	Risk factor heterogeneity for medial and lateral compartment knee osteoarthritis: analysis of two prospective cohorts. Osteoarthritis and Cartilage, 2019, 27, 603-610.	1.3	15
58	Identification of Novel Loci Associated With Hip Shape: A Meta-Analysis of Genomewide Association Studies. Journal of Bone and Mineral Research, 2019, 34, 241-251.	2.8	47
59	OR03-1 The Effect of Abaloparatide on Bone Mineral Density and Fracture Incidence in Postmenopausal Women with Osteoporosis and Osteoarthritis. Journal of the Endocrine Society, 2019, 3, .	0.2	0
60	Osteoporosis in Rheumatic Diseases: Anti-rheumatic Drugs and the Skeleton. Calcified Tissue International, 2018, 102, 607-618.	3.1	44
61	FRAME Study: The Foundation Effect of Building Bone With 1 Year of Romosozumab Leads to Continued Lower Fracture Risk After Transition to Denosumab. Journal of Bone and Mineral Research, 2018, 33, 1219-1226.	2.8	108
62	Association of diabetes mellitus and biochemical knee cartilage composition assessed by T ₂ relaxation time measurements: Data from the osteoarthritis initiative. Journal of Magnetic Resonance Imaging, 2018, 47, spcone.	3.4	0
63	Synovial Fluid Profile at the Time of Anterior Cruciate Ligament Reconstruction and Its Association With Cartilage Matrix Composition 3 Years After Surgery. American Journal of Sports Medicine, 2018, 46, 890-899.	4.2	64
64	Associations Between Lean Mass, Muscle Strength and Power, and Skeletal Size, Density and Strength in Older Men. Journal of Bone and Mineral Research, 2018, 33, 1612-1621.	2.8	21
65	Effect of osteoporosis treatment agents on the cortical bone osteocyte microenvironment in adult estrogen-deficient, osteopenic rats. Bone Reports, 2018, 8, 115-124.	0.4	15
66	Association of diabetes mellitus and biochemical knee cartilage composition assessed by T ₂ relaxation time measurements: Data from the osteoarthritis initiative. Journal of Magnetic Resonance Imaging, 2018, 47, 380-390.	3.4	25
67	Tool for osteoarthritis risk prediction (TOARP) over 8 years using baseline clinical data, X-ray, and MRI: Data from the osteoarthritis initiative. Journal of Magnetic Resonance Imaging, 2018, 47, 1517-1526.	3.4	41
68	Prevalence of glucocorticoid induced osteonecrosis in the mouse is not affected by treatments that maintain bone vascularity. Bone Reports, 2018, 9, 181-187.	0.4	10
69	Genome-wide meta-analysis of 158,000 individuals of European ancestry identifies three loci associated with chronic back pain. PLoS Genetics, 2018, 14, e1007601.	3.5	112
70	Bone shape mediates the relationship between sex and incident knee osteoarthritis. BMC Musculoskeletal Disorders, 2018, 19, 331.	1.9	19
71	Associations between molecular biomarkers and MR-based cartilage composition and knee joint morphology: data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2018, 26, 1070-1077.	1.3	25
72	Rest-Activity Rhythms and Cognitive Decline in Older Men: The Osteoporotic Fractures in Men Sleep Study. Journal of the American Geriatrics Society, 2018, 66, 2136-2143.	2.6	58

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73	Osteoarthritis year in review 2016: clinical. Osteoarthritis and Cartilage, 2017, 25, 209-215.	1.3	89
74	Rest-activity patterns and falls and fractures in older men. Osteoporosis International, 2017, 28, 1313-1322.	3.1	14
75	Positive contrast from cells labeled with iron oxide nanoparticles: Quantitation of imaging data. Magnetic Resonance in Medicine, 2017, 78, 1900-1910.	3.0	12
76	Anti-NGF treatments for pain “two steps forward, one step back?”. Nature Reviews Rheumatology, 2017, 13, 76-78.	8.0	44
77	Comparison of Associations of DXA and CT Visceral Adipose Tissue Measures With Insulin Resistance, Lipid Levels, and Inflammatory Markers. Journal of Clinical Densitometry, 2017, 20, 256-264.	1.2	21
78	Wnt Signaling in Osteoarthritis: a 2017 Update. Current Treatment Options in Rheumatology, 2017, 3, 101-111.	1.4	3
79	2017 American College of Rheumatology Guideline for the Prevention and Treatment of Glucocorticoid-Induced Osteoporosis. Arthritis Care and Research, 2017, 69, 1095-1110.	3.4	303
80	Sex-Dependent, Osteoblast Stage-Specific Effects of Progesterone Receptor on Bone Acquisition. Journal of Bone and Mineral Research, 2017, 32, 1841-1852.	2.8	12
81	Association of Trabecular Bone Score (TBS) With Incident Clinical and Radiographic Vertebral Fractures Adjusted for Lumbar Spine BMD in Older Men: A Prospective Cohort Study. Journal of Bone and Mineral Research, 2017, 32, 1554-1558.	2.8	25
82	Identification of Hip BMD Loss and Fracture Risk Markers Through Population-Based Serum Proteomics. Journal of Bone and Mineral Research, 2017, 32, 1559-1567.	2.8	30
83	Association of Increased Urinary Albumin With Risk of Incident Clinical Fracture and Rate of Hip Bone Loss: the Osteoporotic Fractures in Men Study. Journal of Bone and Mineral Research, 2017, 32, 1090-1099.	2.8	8
84	Comparison of fracture risk assessment tools in older men without prior hip or spine fracture: the MrOS study. Archives of Osteoporosis, 2017, 12, 91.	2.4	21
85	Association of Incident, Clinically Undiagnosed Radiographic Vertebral Fractures With Follow-Up Back Pain Symptoms in Older Men: the Osteoporotic Fractures in Men (MrOS) Study. Journal of Bone and Mineral Research, 2017, 32, 2263-2268.	2.8	24
86	Sex dimorphic regulation of osteoprogenitor progesterone in bone stromal cells. Journal of Molecular Endocrinology, 2017, 59, 351-363.	2.5	9
87	Bone Loss at the Hip and Subsequent Mortality in Older Men: The Osteoporotic Fractures in Men (MrOS) Study. JBMR Plus, 2017, 1, 31-35.	2.7	6
88	Acceleration of Fracture Healing by Overexpression of Basic Fibroblast Growth Factor in the Mesenchymal Stromal Cells. Stem Cells Translational Medicine, 2017, 6, 1880-1893.	3.3	41
89	Rest-activity circadian rhythms and bone mineral density in elderly men. Bone Reports, 2017, 7, 156-163.	0.4	9
90	A Novel Hybrid Compound LLP2A-Ale Both Prevented and Rescued the Osteoporotic Phenotype in a Mouse Model of Glucocorticoid-Induced Osteoporosis. Calcified Tissue International, 2017, 100, 67-79.	3.1	15

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91	Sex differences in response to targeted kyphosis specific exercise and posture training in community-dwelling older adults: a randomized controlled trial. BMC Musculoskeletal Disorders, 2017, 18, 509.	1.9	40
92	IL-1 β BLOCKADE OF NERVE GROWTH FACTOR TO TREAT OSTEOARTHRITIS PAIN: WHAT DO WE KNOW SO FAR? Rheumatology, 2017, 56, .	1.9	0
93	Degeneration in ACL Injured Knees with and without Reconstruction in Relation to Muscle Size and Fat Content Data from the Osteoarthritis Initiative. PLoS ONE, 2016, 11, e0166865.	2.5	20
94	The Association Between Trabecular Bone Score and Lumbar Spine Volumetric BMD Is Attenuated Among Older Men With High Body Mass Index. Journal of Bone and Mineral Research, 2016, 31, 1820-1826.	2.8	39
95	Improved Mobilization of Exogenous Mesenchymal Stem Cells to Bone for Fracture Healing and Sex Difference. Stem Cells, 2016, 34, 2587-2600.	3.2	33
96	The association of distal femur and proximal tibia shape with sex: The Osteoarthritis Initiative. Seminars in Arthritis and Rheumatism, 2016, 46, 20-26.	3.4	14
97	Osteoporosis in men: findings from the Osteoporotic Fractures in Men Study (MrOS). Therapeutic Advances in Musculoskeletal Disease, 2016, 8, 15-27.	2.7	34
98	Variations in Hip Shape Are Associated with Radiographic Knee Osteoarthritis: Cross-sectional and Longitudinal Analyses of the Johnston County Osteoarthritis Project. Journal of Rheumatology, 2016, 43, 405-410.	2.0	10
99	Time to Osteoporosis and Major Fracture in Older Men. American Journal of Preventive Medicine, 2016, 50, 727-736.	3.0	14
100	Study of Hyperkyphosis, Exercise and Function (SHEAF) Protocol of a Randomized Controlled Trial of Multimodal Spine-Strengthening Exercise in Older Adults With Hyperkyphosis. Physical Therapy, 2016, 96, 371-381.	2.4	36
101	Efficacy and tolerability of an undenatured type II collagen supplement in modulating knee osteoarthritis symptoms: a multicenter randomized, double-blind, placebo-controlled study. Nutrition Journal, 2015, 15, 14.	3.4	91
102	Evaluation of the Usefulness of Consensus Definitions of Sarcopenia in Older Men: Results from the Observational Osteoporotic Fractures in Men Cohort Study. Journal of the American Geriatrics Society, 2015, 63, 2247-2259.	2.6	97
103	Inactivation of the Progesterone Receptor in Mx1+ Cells Potentiates Osteogenesis in Calvaria but Not in Long Bone. PLoS ONE, 2015, 10, e0139490.	2.5	10
104	Association of hip pain with radiographic evidence of hip osteoarthritis: diagnostic test study. BMJ, The, 2015, 351, h5983.	6.0	119
105	Prevention of glucocorticoid induced bone changes with beta-ecdysone. Bone, 2015, 74, 48-57.	2.9	27
106	OARSI Clinical Trials Recommendations: Design and conduct of clinical trials for hip osteoarthritis. Osteoarthritis and Cartilage, 2015, 23, 761-771.	1.3	54
107	Early T2 changes predict onset of radiographic knee osteoarthritis: data from the osteoarthritis initiative. Annals of the Rheumatic Diseases, 2015, 74, 1353-1359.	0.9	114
108	1 α -Ecdysone Augments Peak Bone Mass in Mice of Both Sexes. Clinical Orthopaedics and Related Research, 2015, 473, 2495-2504.	1.5	11

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109	Optimizing tamoxifen-inducible Cre/loxp system to reduce tamoxifen effect on bone turnover in long bones of young mice. <i>Bone</i> , 2015, 81, 614-619.	2.9	52
110	Pain and falls and fractures in community-dwelling older men. <i>Age and Ageing</i> , 2015, 44, 973-979.	1.6	29
111	Targeted delivery of mesenchymal stem cells to the bone. <i>Bone</i> , 2015, 70, 62-65.	2.9	27
112	Review: Femoroacetabular Impingement. <i>Arthritis and Rheumatology</i> , 2015, 67, 17-27.	5.6	69
113	A meta-analysis of genome-wide association studies identifies novel variants associated with osteoarthritis of the hip. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 2130-2136.	0.9	108
114	Association of Serum Uric Acid and Incident Nonspine Fractures in Elderly Men: The Osteoporotic Fractures in Men (MrOS) Study. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 1701-1707.	2.8	64
115	Effect of sequential treatments with alendronate, parathyroid hormone (1-34) and raloxifene on cortical bone mass and strength in ovariectomized rats. <i>Bone</i> , 2014, 67, 257-268.	2.9	24
116	Ligation of TLR5 Promotes Myeloid Cell Infiltration and Differentiation into Mature Osteoclasts in Rheumatoid Arthritis and Experimental Arthritis. <i>Journal of Immunology</i> , 2014, 193, 3902-3913.	0.8	62
117	Improved Trabecular Bone Structure of 20-Month-Old Male Spontaneously Hypertensive Rats. <i>Calcified Tissue International</i> , 2014, 95, 282-291.	3.1	8
118	Effects of sequential osteoporosis treatments on trabecular bone in adult rats with low bone mass. <i>Osteoporosis International</i> , 2014, 25, 1735-1750.	3.1	20
119	Reversing bone loss by directing mesenchymal stem cells to bone. <i>Stem Cells</i> , 2013, 31, 2003-2014.	3.2	79
120	Glucocorticoids and osteocyte autophagy. <i>Bone</i> , 2013, 54, 279-284.	2.9	63
121	To Wnt or not to Wnt: the bone and joint health dilemma. <i>Nature Reviews Rheumatology</i> , 2013, 9, 328-339.	8.0	153
122	Prolonged alendronate treatment prevents the decline in serum TGF- β 1 levels and reduces cortical bone strength in long-term estrogen deficiency rat model. <i>Bone</i> , 2013, 52, 424-432.	2.9	14
123	Association of serum fibroblast growth factor 23 (FGF23) and incident fractures in older men: The Osteoporotic Fractures in Men (MrOS) study. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 2325-2332.	2.8	50
124	Kyphosis and Decline in Physical Function Over 15 Years in Older Community-Dwelling Women: The Study of Osteoporotic Fractures. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 976-983.	3.6	48
125	The multiple facets of glucocorticoid action in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2012, 8, 645-655.	8.0	115
126	Directing mesenchymal stem cells to bone to augment bone formation and increase bone mass. <i>Nature Medicine</i> , 2012, 18, 456-462.	30.7	242

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127	Role of bone architecture and anatomy in osteoarthritis. <i>Bone</i> , 2012, 51, 197-203.	2.9	59
128	Control of Arthritis Pain with Anti-“Nerve-Growth Factor: Risk and Benefit. <i>Current Rheumatology Reports</i> , 2012, 14, 583-588.	4.7	36
129	Variant alleles of the Wnt antagonist <i>FRZB</i> are determinants of hip shape and modify the relationship between hip shape and osteoarthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 1457-1465.	6.7	70
130	Glucocorticoid dose determines osteocyte cell fate. <i>FASEB Journal</i> , 2011, 25, 3366-3376.	0.5	133
131	Differential maintenance of cortical and cancellous bone strength following discontinuation of bone-active agents. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 569-581.	2.8	15
132	Active shape modeling of the hip in the prediction of incident hip fracture. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 468-474.	2.8	47
133	Relationship between joint shape and the development of osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2010, 22, 538-543.	4.3	70
134	Overexpression of secreted frizzled-related protein 1 inhibits bone formation and attenuates parathyroid hormone bone anabolic effects. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 190-199.	2.8	84
135	Vitamin D and Systemic Lupus Erythematosus: Bones, Muscles, and Joints. <i>Current Rheumatology Reports</i> , 2010, 12, 259-263.	4.7	10
136	Glucocorticoid-induced autophagy in osteocytes. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 2479-2488.	2.8	172
137	Glucocorticoid-induced bone fragility. <i>Annals of the New York Academy of Sciences</i> , 2010, 1192, 81-83.	3.8	39
138	Tanezumab for the Treatment of Pain from Osteoarthritis of the Knee. <i>New England Journal of Medicine</i> , 2010, 363, 1521-1531.	27.0	599
139	Higher doses of bisphosphonates further improve bone mass, architecture, and strength but not the tissue material properties in aged rats. <i>Bone</i> , 2010, 46, 1267-1274.	2.9	38
140	Effects of denosumab on bone mineral density and bone turnover in patients with rheumatoid arthritis receiving concurrent glucocorticoids or bisphosphonates. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 872-875.	0.9	163
141	Clinical efficacy and safety of glucosamine, chondroitin sulphate, their combination, celecoxib or placebo taken to treat osteoarthritis of the knee: 2-year results from GAIT. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1459-1464.	0.9	206
142	Inhibition of the Progesterone Nuclear Receptor during the Bone Linear Growth Phase Increases Peak Bone Mass in Female Mice. <i>PLoS ONE</i> , 2010, 5, e11410.	2.5	41
143	Large-scale analysis of association between <i>GDF5</i> and <i>FRZB</i> variants and osteoarthritis of the hip, knee, and hand. <i>Arthritis and Rheumatism</i> , 2009, 60, 1710-1721.	6.7	181
144	Prolonged Treatments With Antiresorptive Agents and PTH Have Different Effects on Bone Strength and the Degree of Mineralization in Old Estrogen-Deficient Osteoporotic Rats. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 209-220.	2.8	32

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145	Developments in the scientific understanding of osteoporosis. <i>Arthritis Research and Therapy</i> , 2009, 11, 228.	3.5	16
146	Acid-Suppressive Medications and Risk of Bone Loss and Fracture in Older Adults. <i>Calcified Tissue International</i> , 2008, 83, 251-259.	3.1	194
147	Targeting the Wnt signaling pathway to augment bone formation. <i>Current Osteoporosis Reports</i> , 2008, 6, 142-148.	3.6	24
148	Denosumab treatment effects on structural damage, bone mineral density, and bone turnover in rheumatoid arthritis: A twelve-month, multicenter, randomized, double-blind, placebo-controlled, phase II clinical trial. <i>Arthritis and Rheumatism</i> , 2008, 58, 1299-1309.	6.7	525
149	Glucocorticoid excess in mice results in early activation of osteoclastogenesis and adipogenesis and prolonged suppression of osteogenesis: A longitudinal study of gene expression in bone tissue from glucocorticoid-treated mice. <i>Arthritis and Rheumatism</i> , 2008, 58, 1674-1686.	6.7	208
150	Glucocorticoid-induced bone loss in mice can be reversed by the actions of parathyroid hormone and risedronate on different pathways for bone formation and mineralization. <i>Arthritis and Rheumatism</i> , 2008, 58, 3485-3497.	6.7	111
151	Long-term effects of treatment with alendronate for patients with osteoporosis. <i>Nature Clinical Practice Rheumatology</i> , 2007, 3, 426-427.	3.2	5
152	The degree of bone mineralization is maintained with single intravenous bisphosphonates in aged estrogen-deficient rats and is a strong predictor of bone strength. <i>Bone</i> , 2007, 41, 804-812.	2.9	45
153	Wnt signaling antagonists are potential prognostic biomarkers for the progression of radiographic hip osteoarthritis in elderly Caucasian women. <i>Arthritis and Rheumatism</i> , 2007, 56, 3319-3325.	6.7	114
154	The aminobisphosphonate risedronate preserves localized mineral and material properties of bone in the presence of glucocorticoids. <i>Arthritis and Rheumatism</i> , 2007, 56, 3726-3737.	6.7	34
155	Medication-induced osteoporosis. <i>Current Osteoporosis Reports</i> , 2007, 5, 139-145.	3.6	24
156	Glucocorticoid-Treated Mice Have Localized Changes in Trabecular Bone Material Properties and Osteocyte Lacunar Size That Are Not Observed in Placebo-Treated or Estrogen-Deficient Mice. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 466-476.	2.8	302
157	Sequential treatment of ovariectomized mice with bFGF and risedronate restored trabecular bone microarchitecture and mineralization. <i>Bone</i> , 2006, 39, 460-469.	2.9	21
158	Glucosamine, Chondroitin Sulfate, and the Two in Combination for Painful Knee Osteoarthritis. <i>New England Journal of Medicine</i> , 2006, 354, 795-808.	27.0	1,127
159	Epidemiology, etiology, and diagnosis of osteoporosis. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 194, S3-S11.	1.3	797
160	Therapy Insight: osteoporosis and osteonecrosis in systemic lupus erythematosus. <i>Nature Clinical Practice Rheumatology</i> , 2006, 2, 562-569.	3.2	64
161	Mice Lacking the Integrin $\alpha 25$ Subunit Have Accelerated Osteoclast Maturation and Increased Activity in the Estrogen-Deficient State. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 58-66.	2.8	35
162	Differences in hip quantitative computed tomography (QCT) measurements of bone mineral density and bone strength between glucocorticoid-treated and glucocorticoid-naïve postmenopausal women. <i>Osteoporosis International</i> , 2005, 16, 642-650.	3.1	59

#	ARTICLE	IF	CITATIONS
163	Basic fibroblast growth factor improves trabecular bone connectivity and bone strength in the lumbar vertebral body of osteopenic rats. Osteoporosis International, 2005, 16, 1939-1947.	3.1	47
164	Changes in serum fibroblast growth factor-2 in patients with glucocorticoid-induced osteoporosis treated with human parathyroid hormone (1-34). Osteoporosis International, 2005, 16, 2080-2084.	3.1	18
165	Bisphosphonate Therapy Improves the Outcome of Conventional Periodontal Treatment: Results of a 12-Month, Randomized, Placebo-Controlled Study. Journal of Periodontology, 2005, 76, 1113-1122.	3.4	132
166	Mice Lacking the Integrin 5 Subunit Have Accelerated Osteoclast Maturation and Increased Activity in the Estrogen-Deficient State. Journal of Bone and Mineral Research, 2005, 20, 58-66.	2.8	53
167	Changes in Serum Receptor Activator of Nuclear Factor- κ B Ligand, Osteoprotegerin, and Interleukin-6 Levels in Patients with Glucocorticoid-Induced Osteoporosis Treated with Human Parathyroid Hormone (1-34). Journal of Clinical Endocrinology and Metabolism, 2004, 89, 3332-3336.	3.6	86
168	Progression of radiographic hip osteoarthritis over eight years in a community sample of elderly white women. Arthritis and Rheumatism, 2004, 50, 1477-1486.	6.7	110
169	Both hPTH(1-34) and bFGF Increase Trabecular Bone Mass in Osteopenic Rats but They Have Different Effects on Trabecular Bone Architecture. Journal of Bone and Mineral Research, 2003, 18, 2105-2115.	2.8	85
170	Association of nitrate use with risk of new radiographic features of hip osteoarthritis in elderly white women: The study of osteoporotic fractures. Arthritis and Rheumatism, 2003, 49, 752-758.	6.7	9
171	A review of anabolic therapies for osteoporosis. Arthritis Research, 2003, 5, 214.	2.0	83
172	An Update on Glucocorticoid-Induced Osteoporosis. Rheumatic Disease Clinics of North America, 2001, 27, 235-253.	1.9	82
173	Two-year effects of alendronate on bone mineral density and vertebral fracture in patients receiving glucocorticoids: A randomized, double-blind, placebo-controlled extension trial. Arthritis and Rheumatism, 2001, 44, 202-211.	6.7	485
174	Association of mild acetabular dysplasia with an increased risk of incident hip osteoarthritis in elderly white women: The study of osteoporotic fractures. Arthritis and Rheumatism, 2000, 43, 400.	6.7	155
175	In vivo assessment of trabecular bone structure using fractal analysis of distal radius radiographs. Medical Physics, 2000, 27, 2594-2599.	3.0	42
176	Bone Mass Continues to Increase at the Hip After Parathyroid Hormone Treatment Is Discontinued in Glucocorticoid-Induced Osteoporosis: Results of a Randomized Controlled Clinical Trial. Journal of Bone and Mineral Research, 2000, 15, 944-951.	2.8	207
177	Early Estrogen Replacement Therapy Reverses the Rapid Loss of Trabecular Bone Volume and Prevents Further Deterioration of Connectivity in the Rat. Journal of Bone and Mineral Research, 1999, 14, 206-214.	2.8	89
178	Serum vitamin D levels and incident changes of radiographic hip osteoarthritis: A longitudinal study. Arthritis and Rheumatism, 1999, 42, 854-860.	6.7	198
179	Getting control of osteoarthritis pain. Postgraduate Medicine, 1999, 106, 127-134.	2.0	11
180	Acute Changes in Trabecular Bone Connectivity and Osteoclast Activity in the Ovariectomized Rat In Vivo. Journal of Bone and Mineral Research, 1998, 13, 229-236.	2.8	85

#	ARTICLE	IF	CITATIONS
181	In Vivo High Resolution MRI of the Calcaneus: Differences in Trabecular Structure in Osteoporosis Patients. Journal of Bone and Mineral Research, 1998, 13, 1175-1182.	2.8	261
182	THE SCIENCE AND THERAPY OF GLUCOCORTICOID-INDUCED BONE LOSS. Endocrinology and Metabolism Clinics of North America, 1998, 27, 465-483.	3.2	174
183	Alendronate for the Prevention and Treatment of Glucocorticoid-Induced Osteoporosis. New England Journal of Medicine, 1998, 339, 292-299.	27.0	1,192
184	Bone-selective analogs of human PTH(1-34) increase bone formation in an ovariectomized rat model. Journal of Bone and Mineral Research, 1996, 11, 614-625.	2.8	63
185	Radiographic osteoarthritis of the hip and bone mineral density. Arthritis and Rheumatism, 1995, 38, 907-916.	6.7	310
186	Intermittent treatment with human parathyroid hormone (hPTH[1-34]) increased trabecular bone volume but not connectivity in osteopenic rats. Journal of Bone and Mineral Research, 1995, 10, 1470-1477.	2.8	86
187	RADIOGRAPHIC INDICES FOR OSTEOARTHRITIS. Rheumatic Disease Clinics of North America, 1995, 21, 379-394.	1.9	28
188	Mechanical and biochemical changes in the superficial zone of articular cartilage in canine experimental osteoarthritis. Journal of Orthopaedic Research, 1994, 12, 474-484.	2.3	276