

# Sue A Shapses

## List of Publications by Year in descending order

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Version: 2024-02-01

140  
papers

10,381  
citations

57631

44  
h-index

32761

100  
g-index

147  
all docs

147  
docs citations

147  
times ranked

12652  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2011 Report on Dietary Reference Intakes for Calcium and Vitamin D from the Institute of Medicine: What Clinicians Need to Know. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 53-58.	1.8	3,343
2	The Major Green Tea Polyphenol, (-)-Epigallocatechin-3-Gallate, Inhibits Obesity, Metabolic Syndrome, and Fatty Liver Disease in High-Fat Fed Mice. <i>Journal of Nutrition</i> , 2008, 138, 1677-1683.	1.3	506
3	IOM Committee Members Respond to Endocrine Society Vitamin D Guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 1146-1152.	1.8	492
4	The 2011 Dietary Reference Intakes for Calcium and Vitamin D: What Dietetics Practitioners Need to Know. This article is a summary of the Institute of Medicine report entitled Dietary Reference Intakes for Calcium and Vitamin D (available at) <a href="http://www.iom.edu/Reports/2010/Dietary-Reference-Intakes-for-Calcium-and-Vitamin-D">http://www.iom.edu/Reports/2010/Dietary-Reference-Intakes-for-Calcium-and-Vitamin-D</a>		

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19	Obesity is a concern for bone health with aging. <i>Nutrition Research</i> , 2017, 39, 1-13.	1.3	113
20	Areal and volumetric bone mineral density and geometry at two levels of protein intake during caloric restriction: A randomized, controlled trial. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1339-1348.	3.1	109
21	Bone Turnover and Insulin-like Growth Factor I Levels Increase After Improved Glycemic Control in Noninsulin-dependent Diabetes Mellitus. <i>Calcified Tissue International</i> , 1998, 63, 107-111.	1.5	106
22	Bone Turnover and Density in Obese Premenopausal Women During Moderate Weight Loss and Calcium Supplementation. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 1329-1336.	3.1	105
23	Does Diet-Induced Weight Loss Lead to Bone Loss in Overweight or Obese Adults? A Systematic Review and Meta-Analysis of Clinical Trials. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 2168-2178.	3.1	104
24	Variable bone fragility associated with an Amish <i>COL1A2</i> variant and a knock-in mouse model. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 247-261.	3.1	98
25	Circulating levels of interleukin-6 and tumor necrosis factor-alpha are elevated in primary hyperparathyroidism and correlate with markers of bone resorption—a clinical research center study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996, 81, 3450-3454.	1.8	98
26	A Lifetime of Hypercalcemia and Hypercalciuria, Finally Explained. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 708-712.	1.8	95
27	Essential Nutrient Interactions: Does Low or Suboptimal Magnesium Status Interact with Vitamin D and/or Calcium Status?. <i>Advances in Nutrition</i> , 2016, 7, 25-43.	2.9	92
28	Energy Restriction Reduces Bone Density and Biomechanical Properties in Aged Female Rats. <i>Journal of Nutrition</i> , 2001, 131, 2382-2387.	1.3	89
29	Anti-obesity, anti-diabetic, and lipid lowering effects of the thyroid receptor $\beta^2$ subtype selective agonist KB-141. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 111, 262-267.	1.2	84
30	Vitamin D and Prevention of Cardiovascular Disease and Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2011, 305, 2565.	3.8	80
31	Dietary Restriction of Energy and Calcium Alters Bone Turnover and Density in Younger and Older Female Rats. <i>Journal of Nutrition</i> , 1998, 128, 640-645.	1.3	71
32	Osteopontin Facilitates Bone Resorption, Decreasing Bone Mineral Crystallinity and Content During Calcium Deficiency. <i>Calcified Tissue International</i> , 2003, 73, 86-92.	1.5	70
33	Longitudinal Bone Mineral Density Changes in Female Child Artistic Gymnasts. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 994-1002.	3.1	69
34	Animal versus plant protein and adult bone health: A systematic review and meta-analysis from the National Osteoporosis Foundation. <i>PLoS ONE</i> , 2018, 13, e0192459.	1.1	68
35	Weight loss and calcium intake influence calcium absorption in overweight postmenopausal women. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 123-130.	2.2	66
36	Effects of formalin fixation and collagen cross-linking on T2 and magnetization transfer in bovine nasal cartilage. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 1000-1011.	1.9	65

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37	Premenopausal overweight women do not lose bone during moderate weight loss with adequate or higher calcium intake. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 972-980.	2.2	64
38	Energy Restriction Does Not Alter Bone Mineral Metabolism or Reproductive Cycling and Hormones in Female Rhesus Monkeys. <i>Journal of Nutrition</i> , 2001, 131, 820-827.	1.3	53
39	Bone turnover and body weight relationships differ in normal-weight compared with heavier postmenopausal women. <i>Osteoporosis International</i> , 2003, 14, 116-122.	1.3	51
40	The Effect of Obesity on the Relationship Between Serum Parathyroid Hormone and 25-Hydroxyvitamin D in Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E886-E890.	1.8	49
41	Short-term changes in calcium but not protein intake alter the rate of bone resorption in healthy subjects as assessed by urinary pyridinium cross-link excretion. <i>Journal of Nutrition</i> , 1995, 125, 2814-21.	1.3	48
42	Diurnal variation and age differences in the biochemical markers of bone turnover in horses.. <i>Journal of Animal Science</i> , 1999, 77, 75.	0.2	47
43	The High Serum Monocyte Chemoattractant Protein-1 in Obesity Is Influenced by High Parathyroid Hormone and Not Adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 1852-1858.	1.8	47
44	Vitamin D supplementation and calcium absorption during caloric restriction: a randomized double-blind trial. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 637-645.	2.2	47
45	High fat diet enriched with saturated, but not monounsaturated fatty acids adversely affects femur, and both diets increase calcium absorption in older female mice. <i>Nutrition Research</i> , 2016, 36, 742-750.	1.3	47
46	A nonhuman primate model of age-related bone loss: a longitudinal study in male and premenopausal female rhesus monkeys. <i>Bone</i> , 2001, 28, 295-302.	1.4	44
47	The independent and combined effects of intensive weight loss and exercise training on bone mineral density in overweight and obese older adults with osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 726-733.	0.6	43
48	Vitamin D-Binding Protein in Healthy Pre- and Postmenopausal Women: Relationship with Estradiol Concentrations. <i>Endocrine Practice</i> , 2015, 21, 936-942.	1.1	42
49	Dietary Fructose Inhibits Intestinal Calcium Absorption and Induces Vitamin D Insufficiency in CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 261-271.	3.0	41
50	Effect of Exercise Modality During Weight Loss on Bone Health in Older Adults With Obesity and Cardiovascular Disease or Metabolic Syndrome: A Randomized Controlled Trial. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 2140-2149.	3.1	41
51	Moderate weight loss in obese and overweight men preserves bone quality. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 659-667.	2.2	38
52	Precise and accurate determination of calcium isotope ratios in urine using HR-ICP-SFMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 727.	1.6	37
53	Effects of high-fat diets rich in either omega-3 or omega-6 fatty acids on UVB-induced skin carcinogenesis in SKH-1 mice. <i>Carcinogenesis</i> , 2011, 32, 1078-1084.	1.3	37
54	Does bone loss begin after weight loss ends? Results 2 years after weight loss or regain in postmenopausal women. <i>Menopause</i> , 2014, 21, 501-508.	0.8	35

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55	Fasting and Energy Intake Influence Bone Turnover in Lightweight Male Rowers. <i>International Journal of Sport Nutrition</i> , 1998, 8, 377-387.	1.6	34
56	Energy Restriction Reduces Fractional Calcium Absorption in Mature Obese and Lean Rats. <i>Journal of Nutrition</i> , 2002, 132, 2660-2666.	1.3	34
57	Hormonal and dietary influences on true fractional calcium absorption in women: role of obesity. <i>Osteoporosis International</i> , 2012, 23, 2607-2614.	1.3	34
58	Change in Bone Mineral Density During Weight Loss with Resistance Versus Aerobic Exercise Training in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1582-1585.	1.7	33
59	Anabolic effect of plant brassinosteroid. <i>FASEB Journal</i> , 2011, 25, 3708-3719.	0.2	32
60	Three doses of vitamin D, bone mineral density, and geometry in older women during modest weight control in a 1-year randomized controlled trial. <i>Osteoporosis International</i> , 2017, 28, 377-388.	1.3	31
61	Energy Restriction Is Associated with Lower Bone Mineral Density of the Tibia and Femur in Lean but Not Obese Female Rats. <i>Journal of Nutrition</i> , 2010, 140, 31-37.	1.3	30
62	Vitamin D deficiency is associated with reduced mobility after hip fracture surgery: a prospective study. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 613-618.	2.2	28
63	Free and Bioavailable 25-Hydroxyvitamin D Levels in Patients With Primary Hyperparathyroidism. <i>Endocrine Practice</i> , 2017, 23, 66-71.	1.1	27
64	Effect of alternate day fasting on markers of bone metabolism: An exploratory analysis of a 6-month randomized controlled trial. <i>Nutrition and Healthy Aging</i> , 2017, 4, 255-263.	0.5	27
65	Lipocalin-2 is an anorexigenic signal in primates. <i>ELife</i> , 2020, 9, .	2.8	27
66	Blood lead levels and bone turnover with weight reduction in women. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2009, 19, 90-96.	1.8	26
67	Surgical removal of the parametrial fat pads stimulates apoptosis and inhibits UVB-induced carcinogenesis in mice fed a high-fat diet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9065-9070.	3.3	25
68	Three Doses of Vitamin D and Cognitive Outcomes in Older Women: A Double-Blind Randomized Controlled Trial. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 835-842.	1.7	24
69	Administration of Denosumab Preserves Bone Mineral Density at the Knee in Persons With Subacute Spinal Cord Injury: Findings From a Randomized Clinical Trial. <i>JBMR Plus</i> , 2020, 4, e10375.	1.3	23
70	Bone mineral density and content during weight cycling in female rats: effects of dietary amylase-resistant starch. <i>Nutrition and Metabolism</i> , 2008, 5, 34.	1.3	22
71	Dietary fructose inhibits lactation-induced adaptations in rat 1,25(OH) <sub>2</sub> D <sub>3</sub> synthesis and calcium transport. <i>FASEB Journal</i> , 2012, 26, 707-721.	0.2	22
72	Recruitment of trial participants through electronic medical record patient portal messaging: A pilot study. <i>Clinical Trials</i> , 2020, 17, 30-38.	0.7	22

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73	Muscle Protein Degradation in Severely Malnourished Patients With Chronic Obstructive Pulmonary Disease Subject to Short-Term Total Parenteral Nutrition. <i>Journal of Parenteral and Enteral Nutrition</i> , 1992, 16, 248-254.	1.3	21
74	Physiological models of body composition and human obesity. <i>Nutrition and Metabolism</i> , 2007, 4, 19.	1.3	21
75	Ethnic and sex differences in bone marrow adipose tissue and bone mineral density relationship. <i>Osteoporosis International</i> , 2012, 23, 2293-2301.	1.3	21
76	Effect of a hypocaloric, nutritionally complete, higher-protein meal plan on bone density and quality in older adults with obesity: a randomized trial. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 478-486.	2.2	21
77	Circulating zearalenone and its metabolites differ in women due to body mass index and food intake. <i>Food and Chemical Toxicology</i> , 2018, 116, 227-232.	1.8	19
78	Urinary pyridinium cross-link excretion is increased in critically ill surgical patients. <i>Critical Care Medicine</i> , 1997, 25, 85-90.	0.4	19
79	Effect of alendronate and vitamin D3 on fractional calcium absorption in a double-blind, randomized, placebo-controlled trial in postmenopausal osteoporotic women. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1836-1844.	3.1	18
80	Vitamin D-Binding Protein Levels in Female Patients with Primary Hyperparathyroidism. <i>Endocrine Practice</i> , 2013, 19, 609-613.	1.1	18
81	Association of Plasma Parathyroid Hormone with Metabolic Syndrome and Risk for Cardiovascular Disease. <i>Endocrine Practice</i> , 2013, 19, 712-717.	1.1	18
82	Zinc Supplementation Increases Procollagen Type 1 Amino-Terminal Propeptide in Premenarcheal Girls: A Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2015, 145, 2699-2704.	1.3	17
83	Low Free (But Not Total) 25-Hydroxyvitamin D Levels in Subjects with Normocalcemic Hyperparathyroidism. <i>Endocrine Practice</i> , 2020, 26, 174-178.	1.1	17
84	Differential rates of aggrecan synthesis and breakdown in different zones of the bovine growth plate. <i>Matrix Biology</i> , 1994, 14, 77-86.	1.5	16
85	The 2011 Report on Dietary Reference Intakes for Calcium and Vitamin D From the Institute of Medicine: What Clinicians Need to Know. <i>Obstetrical and Gynecological Survey</i> , 2011, 66, 356-357.	0.2	16
86	Urinary mycoestrogens and age and height at menarche in New Jersey girls. <i>Environmental Health</i> , 2019, 18, 24.	1.7	16
87	25-Hydroxyvitamin D and Vitamin D Binding Protein Levels in Patients With Primary Hyperparathyroidism Before and After Parathyroidectomy. <i>Frontiers in Endocrinology</i> , 2019, 10, 171.	1.5	16
88	Serum Monocyte Chemokine Protein-1 Levels Before and After Parathyroidectomy in Patients with Primary Hyperparathyroidism. <i>Endocrine Practice</i> , 2014, 20, 1165-1169.	1.1	15
89	The influence of dietary fat and intestinal pH on calcium bioaccessibility: an <i>in vitro</i> study. <i>Food and Function</i> , 2018, 9, 1809-1815.	2.1	15
90	Estrogen Prevents the Reduction in Fractional Calcium Absorption Due to Energy Restriction in Mature Rats. <i>Journal of Nutrition</i> , 2004, 134, 1929-1934.	1.3	14

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91	Vitamin D supplementation during short-term caloric restriction in healthy overweight/obese older women: Effect on glycemic indices and serum osteocalcin levels. <i>Molecular and Cellular Endocrinology</i> , 2015, 410, 73-77.	1.6	13
92	Effects of ovariectomy and exercise training intensity on energy substrate and hepatic lipid metabolism, and spontaneous physical activity in mice. <i>Metabolism: Clinical and Experimental</i> , 2018, 83, 234-244.	1.5	13
93	Effect of Weight Change Following Intentional Weight Loss on Bone Health in Older Adults with Obesity. <i>Obesity</i> , 2019, 27, 1839-1845.	1.5	13
94	Can Dietary Fatty Acids Affect the COVID-19 Infection Outcome in Vulnerable Populations?. <i>MBio</i> , 2020, 11, .	1.8	13
95	Perspective: US Documentation and Regulation of Human Nutrition Randomized Controlled Trials. <i>Advances in Nutrition</i> , 2021, 12, 21-45.	2.9	13
96	Vitamin D binding protein is lower in infertile patients compared to fertile controls: a case control study. <i>Fertility Research and Practice</i> , 2017, 3, 14.	4.1	12
97	Urinary 3 H-Tetracycline and Pyridinium Crosslinks Differ in Their Response to Calcium Restriction in Mature and Aged Rats. <i>Calcified Tissue International</i> , 1999, 64, 352-356.	1.5	9
98	Total body water is the preferred method to use in forensic blood-alcohol calculations rather than ethanol's volume of distribution. <i>Forensic Science International</i> , 2020, 316, 110532.	1.3	9
99	Influence of vitamin D and estrogen receptor gene polymorphisms on calcium absorption: Bsm I predicts a greater decrease during energy restriction. <i>Bone</i> , 2015, 81, 138-144.	1.4	8
100	Appetite and Gut Hormones Response to a Putative $\alpha$ -Glucosidase Inhibitor, <i>Salacia Chinensis</i> , in Overweight/Obese Adults: A Double Blind Randomized Controlled Trial. <i>Nutrients</i> , 2017, 9, 869.	1.7	8
101	Expression of vitamin D hydroxylases and bone quality in obese mice consuming saturated or monounsaturated enriched high-fat diets. <i>Nutrition Research</i> , 2018, 60, 106-115.	1.3	8
102	Low-vitamin-D diet lowers cerebral serotonin concentration in mature female mice. <i>Nutrition Research</i> , 2020, 81, 71-80.	1.3	8
103	Clarification of DRIs for Calcium and Vitamin D across Age Groups. <i>Journal of the American Dietetic Association</i> , 2011, 111, 1467.	1.3	7
104	Fetal and Neonatal Exposure to the Endocrine Disruptor, Methoxychlor, Reduces Lean Body Mass and Bone Mineral Density and Increases Cortical Porosity. <i>Calcified Tissue International</i> , 2014, 95, 521-529.	1.5	6
105	Total and free vitamin D metabolites in patients with primary hyperparathyroidism. <i>Journal of Endocrinological Investigation</i> , 2021, , 1.	1.8	6
106	Voluntary Weight Reduction Increases Bone Turnover and Loss. , 1998, , 180-184.		6
107	Higher protein intake during caloric restriction improves diet quality and attenuates loss of lean body mass. <i>Obesity</i> , 2022, 30, 1411-1419.	1.5	6
108	IOM Committee Members Respond to Endocrine Society Vitamin D Guideline. <i>Obstetrical and Gynecological Survey</i> , 2012, 67, 479-480.	0.2	5

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109	Do We Need to Be Concerned about Bone Mineral Density in Vegetarians and Vegans?. Journal of Nutrition, 2020, 150, 983-984.	1.3	5
110	Body Weight/Composition and Weight Change. , 2004, , 549-573.		4
111	Intervariability among serum intact parathyroid hormone assays: a need for standardization. Osteoporosis International, 2008, 19, 1805-1806.	1.3	3
112	Vitamin D Binding Protein and Vitamin D Levels. International Journal of Endocrinology, 2014, 2014, 1-2.	0.6	3
113	Body Weight/Composition and Weight Change: Effects on Bone Health. , 2015, , 561-583.		3
114	Reduced postprandial bone resorption and greater rise in GLP-1 in overweight and obese individuals after an $\alpha$ -glucosidase inhibitor: a double-blinded randomized crossover trial. Osteoporosis International, 2021, 32, 1379-1386.	1.3	3
115	Forensic alcohol calculations in transgender individuals undergoing gender-affirming hormonal treatment. Journal of Forensic Sciences, 2022, 67, 1624-1631.	0.9	3
116	Or No Decline in Bone Mass. Journal of Bone and Mineral Research, 2002, 17, 748-749.	3.1	2
117	Is bone loss after gastric bypass surgery associated with the extent of weight loss?. Nature Clinical Practice Endocrinology and Metabolism, 2009, 5, 80-81.	2.9	2
118	Vitamin D Supplementation for Cardiovascular Disease Prevention"Reply. JAMA - Journal of the American Medical Association, 2011, 306, 1546.	3.8	2
119	Lower total 25-hydroxyvitamin D but no difference in calculated or measured free 25-hydroxyvitamin D serum levels in patients with primary hyperparathyroidism. Journal of Steroid Biochemistry and Molecular Biology, 2020, 199, 105616.	1.2	2
120	The Hormonal Milieu in Obesity and Influences on the Trabecular, Cortical, and Geometric Properties of Bone. , 2013, , 43-60.		2
121	Protein Intake During Weight Loss: Effects on Bone. , 2011, , 27-33.		2
122	Older Women who are Overweight or Obese Have Vertebral Abnormalities, Partially Degraded TBS, and BMD that Worsen with Weight Loss. Calcified Tissue International, 2022, 111, 137-144.	1.5	2
123	Cannabidiol-Treated Ovariectomized Mice Show Improved Glucose, Energy, and Bone Metabolism With a Bloom in Lactobacillus. Frontiers in Pharmacology, 0, 13, .	1.6	2
124	Body weight and menopausal status influence trabecular and cortical bone mineral density. International Congress Series, 2007, 1297, 231-240.	0.2	1
125	No vitamin D threshold for calcium absorption: why does this matter?. American Journal of Clinical Nutrition, 2014, 99, 429-430.	2.2	1
126	The predictive value of serum 25-hydroxyvitamin D and dietary intake during adolescence: timing matters. American Journal of Clinical Nutrition, 2015, 102, 985-986.	2.2	1

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127	Serum Klotho levels in primary hyperparathyroidism patients before and after parathyroidectomy. <i>Endocrine</i> , 2020, 70, 421-425.	1.1	1
128	Decreased fasting serum glucogenic amino acids with a higher compared to normal protein diet during energy restriction in women: a randomized controlled trial. <i>Amino Acids</i> , 2021, 53, 1467-1472.	1.2	1
129	Vitamin D supplementation increases true fractional calcium absorption in the absence of caloric restriction. <i>FASEB Journal</i> , 2012, 26, 386.6.	0.2	1
130	Vitamin D receptor polymorphisms predict greater decrease in calcium absorption (373.1). <i>FASEB Journal</i> , 2014, 28, 373.1.	0.2	1
131	Proteoglycans in the growth plate. <i>Biochemical Society Transactions</i> , 1990, 18, 971-971.	1.6	0
132	David H. Elwyn, PhD (1920–1997). <i>Nutrition</i> , 1997, 13, 938.	1.1	0
133	Osteoporosis. <i>Annals of Internal Medicine</i> , 2018, 168, 306.	2.0	0
134	Weight reduction and bone health. , 2003, , 589-608.		0
135	Drug-Nutrient Interactions That Impact Mineral Status. , 2004, , 301-328.		0
136	Food Restriction and Bone. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S205.	0.2	0
137	Food Restriction and Bone. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S205.	0.2	0
138	Drug–Nutrient Interactions That Impact on Mineral Status. , 2009, , 537-571.		0
139	Obesity, Adipose Tissue and Bone. , 2011, , .		0
140	Vitamin D in Obesity and Weight Loss. , 2016, , 185-196.		0