

Sang Wan Kim

List of Publications by Year in descending order

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99
papers

3,348
citations

126708

33
h-index

161609

54
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all docs

99
docs citations

99
times ranked

5444
citing authors

#	ARTICLE	IF	CITATIONS
1	Intermittent parathyroid hormone administration converts quiescent lining cells to active osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 2075-2084.	3.1	216
2	Activation of Peroxisome Proliferator-activated Receptor- β Inhibits the Runx2-mediated Transcription of Osteocalcin in Osteoblasts. <i>Journal of Biological Chemistry</i> , 2003, 278, 23270-23277.	1.6	198
3	Ghrelin stimulates proliferation and differentiation and inhibits apoptosis in osteoblastic MC3T3-E1 cells. <i>Bone</i> , 2005, 37, 359-369.	1.4	181
4	Trabecular Bone Score as an Indicator for Skeletal Deterioration in Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 475-482.	1.8	140
5	Prevalence and risk factors of osteoporosis in Korea: A community-based cohort study with lumbar spine and hip bone mineral density. <i>Bone</i> , 2010, 47, 378-387.	1.4	116
6	Effects of Resistance Exercise on Bone Health. <i>Endocrinology and Metabolism</i> , 2018, 33, 435.	1.3	116
7	Sclerostin Antibody Administration Converts Bone Lining Cells Into Active Osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 892-901.	3.1	91
8	Vitamin K2 Supplementation Improves Insulin Sensitivity via Osteocalcin Metabolism: A Placebo-Controlled Trial. <i>Diabetes Care</i> , 2011, 34, e147-e147.	4.3	81
9	Lipid Profiles and Bone Mineral Density in Pre- and Postmenopausal Women in Korea. <i>Calcified Tissue International</i> , 2010, 87, 507-512.	1.5	80
10	Silent corticotroph adenomas have unique recurrence characteristics compared with other nonfunctioning pituitary adenomas. <i>Clinical Endocrinology</i> , 2010, 72, 648-653.	1.2	80
11	Transplantation of Mesenchymal Stem Cells Overexpressing RANK-Fc or CXCR4 Prevents Bone Loss in Ovariectomized Mice. <i>Molecular Therapy</i> , 2009, 17, 1979-1987.	3.7	76
12	Enhanced mitochondrial biogenesis contributes to Wnt induced osteoblastic differentiation of C3H10T1/2 cells. <i>Bone</i> , 2010, 47, 140-150.	1.4	67
13	Positive regulation of osteogenesis by bile acid through FXR. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 2109-2121.	3.1	67
14	Interactions Between Dietary Calcium Intake and Bone Mineral Density or Bone Geometry in a Low Calcium Intake Population (KNHANES IV 2008-2010). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2409-2417.	1.8	67
15	Structural Basis for the Enhanced Anti-Diabetic Efficacy of Lobeglitazone on PPAR β . <i>Scientific Reports</i> , 2018, 8, 31.	1.6	62
16	Ectopic overexpression of adipogenic transcription factors induces transdifferentiation of MC3T3-E1 osteoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 811-819.	1.0	59
17	Changes of MicroRNA Profile and MicroRNA-mRNA Regulatory Network in Bones of Ovariectomized Mice. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 644-656.	3.1	55
18	Differential effects of secreted frizzled-related proteins (sFRPs) on osteoblastic differentiation of mouse mesenchymal cells and apoptosis of osteoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 399-405.	1.0	50

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19	Wnt inhibitory factor (WIF)-1 inhibits osteoblastic differentiation in mouse embryonic mesenchymal cells. <i>Bone</i> , 2009, 44, 1069-1077.	1.4	50
20	Preoperative Predictive Factors for Parathyroid Carcinoma in Patients with Primary Hyperparathyroidism. <i>Journal of Korean Medical Science</i> , 2012, 27, 890.	1.1	50
21	Trabecular bone score as a skeletal fragility index in acromegaly patients. <i>Osteoporosis International</i> , 2016, 27, 1123-1129.	1.3	47
22	Early Changes in Biochemical Markers of Bone Turnover Predict Bone Mineral Density Response to Antiresorptive Therapy in Korean Postmenopausal Women with Osteoporosis. <i>Endocrine Journal</i> , 2005, 52, 667-674.	0.7	46
23	Osteoblast-targeted overexpression of PPAR β inhibited bone mass gain in male mice and accelerated ovariectomy-induced bone loss in female mice. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1939-1952.	3.1	46
24	Transplantation of Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells or Their Conditioned Medium Prevents Bone Loss in Ovariectomized Nude Mice. <i>Tissue Engineering - Part A</i> , 2013, 19, 685-696.	1.6	46
25	Optimal follow-up strategies for adrenal incidentalomas: reappraisal of the 2016 ESE-ENSAT guidelines in real clinical practice. <i>European Journal of Endocrinology</i> , 2017, 177, 475-483.	1.9	46
26	Human Adipose Tissue-Derived Stromal Cell Therapy Prevents Bone Loss in Ovariectomized Nude Mouse. <i>Tissue Engineering - Part A</i> , 2012, 18, 1067-1078.	1.6	44
27	Osteoblast-Targeted Overexpression of TAZ Increases Bone Mass In Vivo. <i>PLoS ONE</i> , 2013, 8, e56585.	1.1	44
28	The prevalence and risk factors of vertebral fractures in Korea. <i>Journal of Bone and Mineral Metabolism</i> , 2012, 30, 183-192.	1.3	42
29	Disentangling of Malignancy from Benign Pheochromocytomas/Paragangliomas. <i>PLoS ONE</i> , 2016, 11, e0168413.	1.1	42
30	Regional body fat depots differently affect bone microarchitecture in postmenopausal Korean women. <i>Osteoporosis International</i> , 2016, 27, 1161-1168.	1.3	42
31	Genetics of Aldosterone-Producing Adenoma in Korean Patients. <i>PLoS ONE</i> , 2016, 11, e0147590.	1.1	40
32	Different cutoff values of the insulin tolerance test, the high-dose short S-test (250 μ g) and the low-dose short S-test (1 μ g) in assessing central adrenal insufficiency. <i>Clinical Endocrinology</i> , 2014, 81, 77-84.	1.2	39
33	Genetic Polymorphism of Geranylgeranyl Diphosphate Synthase (GGSP1) Predicts Bone Density Response to Bisphosphonate Therapy in Korean Women. <i>Yonsei Medical Journal</i> , 2010, 51, 231.	0.9	37
34	Dietary potassium intake is beneficial to bone health in a low calcium intake population: the Korean National Health and Nutrition Examination Survey (KNHANES) (2008-2011). <i>Osteoporosis International</i> , 2017, 28, 1577-1585.	1.3	35
35	Transgenic mice overexpressing secreted frizzled-related proteins (sFRP)4 under the control of serum amyloid P promoter exhibit low bone mass but did not result in disturbed phosphate homeostasis. <i>Bone</i> , 2010, 47, 263-271.	1.4	33
36	Korean Guideline for the Prevention and Treatment of Glucocorticoid-induced Osteoporosis. <i>Journal of Bone Metabolism</i> , 2018, 25, 195.	0.5	33

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37	Retrovirus-Mediated Gene Transfer of Receptor Activator of Nuclear Factor- κ B-Fc Prevents Bone Loss in Ovariectomized Mice. <i>Stem Cells</i> , 2006, 24, 1798-1805.	1.4	32
38	Long-term effect of aromatase inhibitors on bone microarchitecture and macroarchitecture in non-osteoporotic postmenopausal women with breast cancer. <i>Osteoporosis International</i> , 2017, 28, 1413-1422.	1.3	32
39	Favorable effect of dietary vitamin C on bone mineral density in postmenopausal women (KNHANES IV). <i>Tj ETQq1</i> 1 0.784314 rgBT /C 2015, 26, 2329-2337.	1.3	30
40	Chloride intracellular channel 1 regulates osteoblast differentiation. <i>Bone</i> , 2009, 45, 1175-1185.	1.4	28
41	High-normal free thyroxine levels are associated with low trabecular bone scores in euthyroid postmenopausal women. <i>Osteoporosis International</i> , 2016, 27, 457-462.	1.3	28
42	Clinical risk factors of postoperative hyperkalemia after adrenalectomy in patients with aldosterone-producing adenoma. <i>European Journal of Endocrinology</i> , 2015, 172, 725-731.	1.9	26
43	Chronic Central Administration of Ghrelin Increases Bone Mass through a Mechanism Independent of Appetite Regulation. <i>PLoS ONE</i> , 2013, 8, e65505.	1.1	25
44	Dominant Negative N-Cadherin Inhibits Osteoclast Differentiation by Interfering With β -Catenin Regulation of RANKL, Independent of Cell-Cell Adhesion. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 2200-2212.	3.1	24
45	Epidemiology and prognosis of parathyroid carcinoma: real-world data using nationwide cohort. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 3091-3097.	1.2	22
46	Comparisons of TBS and lumbar spine BMD in the associations with vertebral fractures according to the T-scores: A cross-sectional observation. <i>Bone</i> , 2017, 105, 269-275.	1.4	21
47	Outcomes analysis of surgical and medical treatments for patients with primary aldosteronism. <i>Endocrine Journal</i> , 2017, 64, 623-632.	0.7	20
48	Metabolic characteristics of subjects with spine-femur bone mineral density discordances: the Korean National Health and Nutrition Examination Survey (KNHANES 2008-2011). <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 835-843.	1.3	20
49	Efficacy and Safety of Sodium-Glucose Cotransporter-2 Inhibitors in Korean Patients with Type 2 Diabetes Mellitus in Real-World Clinical Practice. <i>Diabetes and Metabolism Journal</i> , 2019, 43, 590.	1.8	20
50	Recurrence of Cushing's disease after primary transsphenoidal surgery in a university hospital in Korea. <i>Endocrine Journal</i> , 2012, 59, 881-888.	0.7	19
51	Epidemiology and Comorbidity of Adrenal Cushing Syndrome: A Nationwide Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1362-e1372.	1.8	18
52	Diagnostic Accuracy of Computed Tomography in Predicting Primary Aldosteronism Subtype According to Age. <i>Endocrinology and Metabolism</i> , 2021, 36, 401-412.	1.3	18
53	Intermittent PTH treatment can delay the transformation of mature osteoblasts into lining cells on the periosteal surfaces. <i>Journal of Bone and Mineral Metabolism</i> , 2016, 34, 532-539.	1.3	17
54	Diagnostic Role of Captopril Challenge Test in Korean Subjects with High Aldosterone-to-Renin Ratios. <i>Endocrinology and Metabolism</i> , 2016, 31, 277.	1.3	16

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55	Femoral geometry, bone mineral density, and the risk of hip fracture in premenopausal women: a case control study. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 42.	0.8	16
56	Skeletal effects of vitamin D deficiency among patients with primary hyperparathyroidism. <i>Osteoporosis International</i> , 2017, 28, 1667-1674.	1.3	16
57	CCAAT/enhancer-binding protein $\hat{1}$ activates the Runx2-mediated transcription of mouse osteocalcin II promoter. <i>Journal of Molecular Endocrinology</i> , 2006, 36, 531-546.	1.1	15
58	Amount of smoking, pulmonary function, and bone mineral density in middle-aged Korean men: KNHANES 2008-2011. <i>Journal of Bone and Mineral Metabolism</i> , 2018, 36, 95-102.	1.3	14
59	Comparative Gene Expression Profiles in Parathyroid Adenoma and Normal Parathyroid Tissue. <i>Journal of Clinical Medicine</i> , 2019, 8, 297.	1.0	14
60	Stimulated Salivary Cortisol as a Noninvasive Diagnostic Tool for Adrenal Insufficiency. <i>Endocrinology and Metabolism</i> , 2020, 35, 628-635.	1.3	14
61	Acylated Ghrelin Secretion Is Acutely Suppressed by Oral Glucose Load or Insulin-Induced Hypoglycemia Independently of Basal Growth Hormone Secretion in Humans. <i>Hormone Research in Paediatrics</i> , 2007, 67, 211-219.	0.8	13
62	Sex differences in the prevalence of metabolic syndrome and its components in hypopituitary patients: comparison with an age- and sex-matched nationwide control group. <i>Pituitary</i> , 2016, 19, 573-581.	1.6	13
63	Characteristics of Korean Patients with Primary Adrenal Insufficiency: A Registry-Based Nationwide Survey in Korea. <i>Endocrinology and Metabolism</i> , 2017, 32, 466.	1.3	12
64	The prevalence of primary hyperparathyroidism in Korea: a population-based analysis from patient medical records. <i>Annals of Surgical Treatment and Research</i> , 2018, 94, 235.	0.4	12
65	Mass Spectrometry-Based Proteomic Discovery of Prognostic Biomarkers in Adrenal Cortical Carcinoma. <i>Cancers</i> , 2021, 13, 3890.	1.7	12
66	A Case of Tumor-induced Osteomalacia with Elevated Fibroblast Growth Factor-23. <i>Journal of Korean Endocrine Society</i> , 2007, 22, 142.	0.1	12
67	Ghrelin inhibits early osteogenic differentiation of C3H10T1/2 cells by suppressing Runx2 expression and enhancing PPAR $\hat{3}$ and C/EBP $\hat{1}$ expression. <i>Journal of Cellular Biochemistry</i> , 2009, 106, 626-632.	1.2	11
68	Low Economic Status Is Identified as an Emerging Risk Factor for Diabetes Mellitus in Korean Men Aged 30 to 59 Years in Korean National Health and Nutrition Examination Survey 2008 to 2010. <i>Diabetes and Metabolism Journal</i> , 2015, 39, 137.	1.8	11
69	Limited Diagnostic Utility of Plasma Adrenocorticotrophic Hormone for Differentiation between Adrenal Cushing Syndrome and Cushing Disease. <i>Endocrinology and Metabolism</i> , 2015, 30, 297.	1.3	11
70	Changing relative contribution of abdominal obesity and a family history of diabetes on prevalence of diabetes mellitus in Korean men and women aged 30-49 years from 2001 to 2010. <i>Diabetes and Metabolism Journal</i> , 2011, 35, 137-142.	0.8	11
71	The efficacy of medical treatment in patients with acromegaly in clinical practice. <i>Endocrine Journal</i> , 2018, 65, 33-41.	0.7	11
72	Role of anoctamin 5, a gene associated with gnathodiaphyseal dysplasia, in osteoblast and osteoclast differentiation. <i>Bone</i> , 2019, 120, 432-438.	1.4	11

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73	Transformation of Mature Osteoblasts into Bone Lining Cells and RNA Sequencing-Based Transcriptome Profiling of Mouse Bone during Mechanical Unloading. <i>Endocrinology and Metabolism</i> , 2020, 35, 456-469.	1.3	11
74	A novel missense mutation in <i>NROB1</i> causes delayed-onset primary adrenal insufficiency in adults. <i>Clinical Genetics</i> , 2017, 92, 344-346.	1.0	10
75	Radiographic Characteristics of Adrenal Masses in Oncologic Patients. <i>Endocrinology and Metabolism</i> , 2016, 31, 147.	1.3	9
76	Effect of Endogenous Parathyroid Hormone on Bone Geometry and Skeletal Microarchitecture. <i>Calcified Tissue International</i> , 2019, 104, 382-389.	1.5	9
77	Metabolic Subtyping of Adrenal Tumors: Prospective Multi-Center Cohort Study in Korea. <i>Endocrinology and Metabolism</i> , 2021, 36, 1131-1141.	1.3	9
78	Thiazolidinediones inhibit the growth of PC12 cells both in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 197-202.	1.0	8
79	In Vivo Deletion of CAR Resulted in High Bone Mass Phenotypes in Male Mice. <i>Journal of Cellular Physiology</i> , 2014, 229, 561-571.	2.0	8
80	Feasibility of Attachable Ring Stimulator for Intraoperative Neuromonitoring during Thyroid Surgery. <i>International Journal of Endocrinology</i> , 2020, 2020, 1-6.	0.6	8
81	Clinical Characteristics for 132 Patients with Adrenal Incidentaloma. <i>Journal of Korean Endocrine Society</i> , 2007, 22, 260.	0.1	8
82	Contralateral Suppression at Adrenal Venous Sampling Is Associated with Renal Impairment Following Adrenalectomy for Unilateral Primary Aldosteronism. <i>Endocrinology and Metabolism</i> , 2021, 36, 875-884.	1.3	7
83	Bone Lining Cells Could Be Sources of Bone Marrow Adipocytes. <i>Frontiers in Endocrinology</i> , 2021, 12, 766254.	1.5	7
84	Efficacy of a Once-Monthly Pill Containing Ibandronate and Cholecalciferol on the Levels of 25-Hydroxyvitamin D and Bone Markers in Postmenopausal Women with Osteoporosis. <i>Endocrinology and Metabolism</i> , 2015, 30, 272.	1.3	6
85	A Possible Link Between Parathyroid Hormone Secretion and Local Regulation of GABA in Human Parathyroid Adenomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2594-2601.	1.8	6
86	Korean Guideline for the Prevention and Treatment of Glucocorticoid-induced Osteoporosis. <i>Journal of Rheumatic Diseases</i> , 2018, 25, 263.	0.4	6
87	Improvement of Glycosylated Hemoglobin in Patients with Type 2 Diabetes Mellitus under Insulin Treatment by Reimbursement for Self-Monitoring of Blood Glucose. <i>Diabetes and Metabolism Journal</i> , 2018, 42, 28.	1.8	5
88	Management of Osteoporosis: Who to Treat, What to Use, and for How Long?. <i>Korean Journal of Medicine</i> , 2013, 85, 364.	0.1	5
89	Evaluation of the Parathyroid Function in Six Patients with Hypophosphatemic Osteomalacia, Including a Case of Tertiary Hyperparathyroidism Developing during Combined Oral Phosphate and Vitamin D Therapy. <i>Hormone Research in Paediatrics</i> , 2003, 60, 127-133.	0.8	3
90	Indices of ACTH-stimulated adrenal venous sampling as predictors of postsurgical outcomes in primary aldosteronism. <i>Clinical Endocrinology</i> , 2022, 96, 521-530.	1.2	3

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91	Effect of Denosumab on the Change of Osteoclast Precursors Compared to Zoledronate Treatment in Postmenopausal Women with Osteoporosis. <i>Journal of Bone Metabolism</i> , 2022, 29, 93-101.	0.5	3
92	The effects of body mass index on the hereditary influences that determine peak bone mass in mother-daughter pairs (KNHANES V). <i>Osteoporosis International</i> , 2016, 27, 2057-2064.	1.3	2
93	The natural history and hip geometric changes of primary hyperparathyroidism without parathyroid surgery. <i>Journal of Bone and Mineral Metabolism</i> , 2017, 35, 278-288.	1.3	2
94	Skeletal effects of combined bisphosphonates treatment and parathyroidectomy in osteoporotic patients with primary hyperparathyroidism. <i>Journal of Bone and Mineral Metabolism</i> , 2021, , 1.	1.3	2
95	Subjective Assessment of Diabetes Self-Care Correlates with Perceived Glycemic Control but not with Actual Glycemic Control. <i>Diabetes and Metabolism Journal</i> , 2015, 39, 31.	1.8	1
96	No Significance of the Free Cortisol Index Compared to Total Cortisol in Critically Ill Patients. <i>Endocrinology and Metabolism</i> , 2011, 26, 120.	1.3	1
97	Parathyroid Hormone-Related Protein in the Hand or Out of Hand?. <i>Endocrinology and Metabolism</i> , 2018, 33, 202.	1.3	0
98	OR03-3 High Spermidine Level was Associated with Increased Risk of Osteoporotic Fracture: A 10-Year Prospective Longitudinal Study in a Community-Based Cohort. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
99	Gene expression profiles in parathyroid adenoma and normal parathyroid tissue. <i>Vitamins and Hormones</i> , 2022, , .	0.7	0