

# Sang Wan Kim

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96  
papers

2,642  
citations

31  
h-index

48  
g-index

99  
ext. papers

3,067  
ext. citations

4.2  
avg, IF

4.91  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 96 | Intermittent parathyroid hormone administration converts quiescent lining cells to active osteoblasts. <i>Journal of Bone and Mineral Research</i> , <b>2012</b> , 27, 2075-84   | 6.3  | 178       |
| 95 | Activation of peroxisome proliferator-activated receptor-gamma inhibits the Runx2-mediated transcription of osteocalcin in osteoblasts. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 23270-7                          | 5.4  | 176       |
| 94 | Ghrelin stimulates proliferation and differentiation and inhibits apoptosis in osteoblastic MC3T3-E1 cells. <i>Bone</i> , <b>2005</b> , 37, 359-69   | 4.7  | 162       |
| 93 | Trabecular bone score as an indicator for skeletal deterioration in diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 475-82  | 5.6  | 110       |
| 92 | Prevalence and risk factors of osteoporosis in Korea: a community-based cohort study with lumbar spine and hip bone mineral density. <i>Bone</i> , <b>2010</b> , 47, 378-87  | 4.7  | 101       |
| 91 | 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> , <b>2019</b> , 3,           | 0.4  | 78        |
| 90 | Sclerostin Antibody Administration Converts Bone Lining Cells Into Active Osteoblasts. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 892-901   | 6.3  | 74        |
| 89 | Silent corticotroph adenomas have unique recurrence characteristics compared with other nonfunctioning pituitary adenomas. <i>Clinical Endocrinology</i> , <b>2010</b> , 72, 648-53  | 3.4  | 68        |
| 88 | Effects of Resistance Exercise on Bone Health. <i>Endocrinology and Metabolism</i> , <b>2018</b> , 33, 435-444   | 3.5  | 68        |
| 87 | Transplantation of mesenchymal stem cells overexpressing RANK-Fc or CXCR4 prevents bone loss in ovariectomized mice. <i>Molecular Therapy</i> , <b>2009</b> , 17, 1979-87  | 11.7 | 67        |
| 86 | Vitamin K2 supplementation improves insulin sensitivity via osteocalcin metabolism: a placebo-controlled trial. <i>Diabetes Care</i> , <b>2011</b> , 34, e147  | 14.6 | 59        |
| 85 | Enhanced mitochondrial biogenesis contributes to Wnt induced osteoblastic differentiation of C3H10T1/2 cells. <i>Bone</i> , <b>2010</b> , 47, 140-50   | 4.7  | 58        |
| 84 | Ectopic overexpression of adipogenic transcription factors induces transdifferentiation of MC3T3-E1 osteoblasts. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 327, 811-9                               | 3.4  | 54        |
| 83 | Changes of microRNA profile and microRNA-mRNA regulatory network in bones of ovariectomized mice. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 644-56   | 6.3  | 47        |
| 82 | 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> , <b>2014</b> , 99, 2409-17 | 5.6  | 46        |
| 81 | Lipid profiles and bone mineral density in pre- and postmenopausal women in Korea. <i>Calcified Tissue International</i> , <b>2010</b> , 87, 507-12  | 3.9  | 46        |
| 80 | Wnt inhibitory factor (WIF)-1 inhibits osteoblastic differentiation in mouse embryonic mesenchymal cells. <i>Bone</i> , <b>2009</b> , 44, 1069-77  | 4.7  | 45        |

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| 79 | 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> , <b>2008</b> , 367, 399-405          | 3.4 | 44 |
| 78 | Structural Basis for the Enhanced Anti-Diabetic Efficacy of Lobeglitazone on PPAR $\alpha$ . <i>Scientific Reports</i> , <b>2018</b> , 8, 31   | 4.9 | 41 |
| 77 | Osteoblast-targeted overexpression of PPAR $\alpha$ inhibited bone mass gain in male mice and accelerated ovariectomy-induced bone loss in female mice. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 1939-52                              | 6.3 | 40 |
| 76 | Human adipose tissue-derived stromal cell therapy prevents bone loss in ovariectomized nude mouse. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 1067-78  | 3.9 | 40 |
| 75 | Preoperative predictive factors for parathyroid carcinoma in patients with primary hyperparathyroidism. <i>Journal of Korean Medical Science</i> , <b>2012</b> , 27, 890-5   | 4.7 | 39 |
| 74 | 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> , <b>2013</b> , 19, 685-96                                       | 3.9 | 39 |
| 73 | Osteoblast-targeted overexpression of TAZ increases bone mass in vivo. <i>PLoS ONE</i> , <b>2013</b> , 8, e56585   | 3.7 | 39 |
| 72 | 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> , <b>2005</b> , 52, 667-74                                  | 2.9 | 39 |
| 71 | Positive regulation of osteogenesis by bile acid through FXR. <i>Journal of Bone and Mineral Research</i> , <b>2013</b> , 28, 2109-21  | 6.3 | 36 |
| 70 | The prevalence and risk factors of vertebral fractures in Korea. <i>Journal of Bone and Mineral Metabolism</i> , <b>2012</b> , 30, 183-92  | 2.9 | 35 |
| 69 | Regional body fat depots differently affect bone microarchitecture in postmenopausal Korean women. <i>Osteoporosis International</i> , <b>2016</b> , 27, 1161-1168   | 5.3 | 32 |
| 68 | Different cut-off values of the insulin tolerance test, the high-dose short Synacthen test (250 $\mu$ ) and the low-dose short Synacthen test (1 $\mu$ ) in assessing central adrenal insufficiency. <i>Clinical Endocrinology</i> , <b>2014</b> , 81, 77-84 | 3.4 | 32 |
| 67 | Genetic polymorphism of geranylgeranyl diphosphate synthase (GGSP1) predicts bone density response to bisphosphonate therapy in Korean women. <i>Yonsei Medical Journal</i> , <b>2010</b> , 51, 231-8  | 3   | 31 |
| 66 | Genetics of Aldosterone-Producing Adenoma in Korean Patients. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147590   | 3.7 | 31 |
| 65 | Disentangling of Malignancy from Benign Pheochromocytomas/Paragangliomas. <i>PLoS ONE</i> , <b>2016</b> , 11, e0168413   | 3.7 | 31 |
| 64 | 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> , <b>2010</b> , 47, 263-71                  | 4.7 | 30 |
| 63 | Retrovirus-mediated gene transfer of receptor activator of nuclear factor-kappaB-Fc prevents bone loss in ovariectomized mice. <i>Stem Cells</i> , <b>2006</b> , 24, 1798-805  | 5.8 | 30 |
| 62 | Optimal follow-up strategies for adrenal incidentalomas: reappraisal of the 2016 ESE-ENSAT guidelines in real clinical practice. <i>European Journal of Endocrinology</i> , <b>2017</b> , 177, 475-483   | 6.5 | 29 |

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|----|--|-----|----|
| 61 | Trabecular bone score as a skeletal fragility index in acromegaly patients. <i>Osteoporosis International</i> , <b>2016</b> , 27, 1123-1129  | 5.3 | 29 |
| 60 | Long-term effect of aromatase inhibitors on bone microarchitecture and macroarchitecture in non-osteoporotic postmenopausal women with breast cancer. <i>Osteoporosis International</i> , <b>2017</b> , 28, 1413-1422                        | 5.3 | 24 |
| 59 | Chloride intracellular channel 1 regulates osteoblast differentiation. <i>Bone</i> , <b>2009</b> , 45, 1175-85   | 4.7 | 24 |
| 58 | Dominant negative N-cadherin inhibits osteoclast differentiation by interfering with beta-catenin regulation of RANKL, independent of cell-cell adhesion. <i>Journal of Bone and Mineral Research</i> , <b>2005</b> , 20, 2200-12            | 6.3 | 24 |
| 57 | Korean Guideline for the Prevention and Treatment of Glucocorticoid-induced Osteoporosis. <i>Journal of Bone Metabolism</i> , <b>2018</b> , 25, 195-211  | 2.7 | 23 |
| 56 | 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> , <b>2017</b> , 28, 1577-1585 | 5.3 | 21 |
| 55 | High-normal free thyroxine levels are associated with low trabecular bone scores in euthyroid postmenopausal women. <i>Osteoporosis International</i> , <b>2016</b> , 27, 457-62   | 5.3 | 20 |
| 54 | Favorable effect of dietary vitamin C on bone mineral density in postmenopausal women (KNHANES IV, 2009): discrepancies regarding skeletal sites, age, and vitamin D status. <i>Osteoporosis International</i> , <b>2015</b> , 26, 2329-37   | 5.3 | 20 |
| 53 | Chronic central administration of Ghrelin increases bone mass through a mechanism independent of appetite regulation. <i>PLoS ONE</i> , <b>2013</b> , 8, e65505  | 3.7 | 20 |
| 52 | Clinical risk factors of postoperative hyperkalemia after adrenalectomy in patients with aldosterone-producing adenoma. <i>European Journal of Endocrinology</i> , <b>2015</b> , 172, 725-31   | 6.5 | 19 |
| 51 | 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> , <b>2017</b> , 105, 269-275  | 4.7 | 16 |
| 50 | Recurrence of Cushing's disease after primary transsphenoidal surgery in a university hospital in Korea. <i>Endocrine Journal</i> , <b>2012</b> , 59, 881-8  | 2.9 | 15 |
| 49 | CCAAT/enhancer-binding protein delta activates the Runx2-mediated transcription of mouse osteocalcin II promoter. <i>Journal of Molecular Endocrinology</i> , <b>2006</b> , 36, 531-46   | 4.5 | 15 |
| 48 | Skeletal effects of vitamin D deficiency among patients with primary hyperparathyroidism. <i>Osteoporosis International</i> , <b>2017</b> , 28, 1667-1674  | 5.3 | 14 |
| 47 | 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> , <b>2016</b> , 34, 532-9  | 2.9 | 14 |
| 46 | 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> , <b>2007</b> , 67, 211-9            | 3.3 | 13 |
| 45 | 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> , <b>2016</b> , 19, 573-581                         | 4.3 | 12 |
| 44 | A Case of Tumor-induced Osteomalacia with Elevated Fibroblast Growth Factor-23. <i>Journal of Korean Endocrine Society</i> , <b>2007</b> , 22, 142   |     | 12 |

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|----|---|-----|----|
| 43 | Outcomes analysis of surgical and medical treatments for patients with primary aldosteronism. <i>Endocrine Journal</i> , <b>2017</b> , 64, 623-632  | 2.9 | 11 |
| 42 | 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> , <b>2015</b> , 39, 137-46 | 5   | 11 |
| 41 | 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> , <b>2019</b> , 43, 590-606   | 5   | 11 |
| 40 | 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> , <b>2019</b> , 37, 835-843            | 2.9 | 11 |
| 39 | Ghrelin inhibits early osteogenic differentiation of C3H10T1/2 cells by suppressing Runx2 expression and enhancing PPARgamma and C/EBPalpha expression. <i>Journal of Cellular Biochemistry</i> , <b>2009</b> , 106, 626-32                                     | 4.7 | 10 |
| 38 | Comparative Gene Expression Profiles in Parathyroid Adenoma and Normal Parathyroid Tissue. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,   | 5.1 | 9  |
| 37 | 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>Journal of Diabetes</i> , <b>2015</b> , 7, 465-72                        | 3.8 | 9  |
| 36 | Diagnostic Role of Captopril Challenge Test in Korean Subjects with High Aldosterone-to-Renin Ratios. <i>Endocrinology and Metabolism</i> , <b>2016</b> , 31, 277-83  | 3.5 | 9  |
| 35 | A novel missense mutation in NR0B1 causes delayed-onset primary adrenal insufficiency in adults. <i>Clinical Genetics</i> , <b>2017</b> , 92, 344-346   | 4   | 8  |
| 34 | Femoral geometry, bone mineral density, and the risk of hip fracture in premenopausal women: a case control study. <i>BMC Musculoskeletal Disorders</i> , <b>2016</b> , 17, 42  | 2.8 | 8  |
| 33 | Characteristics of Korean Patients with Primary Adrenal Insufficiency: A Registry-Based Nationwide Survey in Korea. <i>Endocrinology and Metabolism</i> , <b>2017</b> , 32, 466-474   | 3.5 | 8  |
| 32 | Limited Diagnostic Utility of Plasma Adrenocorticotropic Hormone for Differentiation between Adrenal Cushing Syndrome and Cushing Disease. <i>Endocrinology and Metabolism</i> , <b>2015</b> , 30, 297-304  | 3.5 | 8  |
| 31 | Clinical Characteristics for 132 Patients with Adrenal Incidentaloma. <i>Journal of Korean Endocrine Society</i> , <b>2007</b> , 22, 260  |     | 8  |
| 30 | The prevalence of primary hyperparathyroidism in Korea: a population-based analysis from patient medical records. <i>Annals of Surgical Treatment and Research</i> , <b>2018</b> , 94, 235-239  | 2   | 8  |
| 29 | The efficacy of medical treatment in patients with acromegaly in clinical practice. <i>Endocrine Journal</i> , <b>2018</b> , 65, 33-41  | 2.9 | 8  |
| 28 | In vivo deletion of CAR resulted in high bone mass phenotypes in male mice. <i>Journal of Cellular Physiology</i> , <b>2014</b> , 229, 561-71   | 7   | 7  |
| 27 | Thiazolidinediones inhibit the growth of PC12 cells both in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 371, 197-202  | 3.4 | 7  |
| 26 | Radiographic Characteristics of Adrenal Masses in Oncologic Patients. <i>Endocrinology and Metabolism</i> , <b>2016</b> , 31, 147-52  | 3.5 | 7  |

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| 25 | Epidemiology and Comorbidity of Adrenal Cushing Syndrome: A Nationwide Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e1362-e1372  | 5.6 | 7 |
| 24 | Effect of Endogenous Parathyroid Hormone on Bone Geometry and Skeletal Microarchitecture. <i>Calcified Tissue International</i> , <b>2019</b> , 104, 382-389   | 3.9 | 6 |
| 23 | 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> , <b>2018</b> , 36, 95-102   | 2.9 | 6 |
| 22 | Feasibility of Attachable Ring Stimulator for Intraoperative Neuromonitoring during Thyroid Surgery. <i>International Journal of Endocrinology</i> , <b>2020</b> , 2020, 5280939   | 2.7 | 5 |
| 21 | Diagnostic Accuracy of Computed Tomography in Predicting Primary Aldosteronism Subtype According to Age. <i>Endocrinology and Metabolism</i> , <b>2021</b> , 36, 401-412   | 3.5 | 5 |
| 20 | A Possible Link Between Parathyroid Hormone Secretion and Local Regulation of GABA in Human Parathyroid Adenomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 2594-601  | 5.6 | 5 |
| 19 | Role of anoctamin 5, a gene associated with gnathodiaphyseal dysplasia, in osteoblast and osteoclast differentiation. <i>Bone</i> , <b>2019</b> , 120, 432-438   | 4.7 | 5 |
| 18 | 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> , <b>2015</b> , 30, 272-9                                      | 3.5 | 4 |
| 17 | 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> , <b>2020</b> , 35, 456-469  | 3.5 | 4 |
| 16 | Management of Osteoporosis: Who to Treat, What to Use, and for How Long?. <i>Korean Journal of Medicine</i> , <b>2013</b> , 85, 364  | 0.5 | 4 |
| 15 | Epidemiology and prognosis of parathyroid carcinoma: real-world data using nationwide cohort. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2021</b> , 147, 3091-3097   | 4.9 | 4 |
| 14 | 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> , <b>2018</b> , 42, 28-42   | 5   | 4 |
| 13 | Mass Spectrometry-Based Proteomic Discovery of Prognostic Biomarkers in Adrenal Cortical Carcinoma. <i>Cancers</i> , <b>2021</b> , 13,   | 6.6 | 3 |
| 12 | 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> , <b>2016</b> , 27, 2057-64  | 5.3 | 2 |
| 11 | 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> , <b>2003</b> , 60, 127-33 | 3.3 | 2 |
| 10 | Stimulated Salivary Cortisol as a Noninvasive Diagnostic Tool for Adrenal Insufficiency. <i>Endocrinology and Metabolism</i> , <b>2020</b> , 35, 628-635   | 3.5 | 2 |
| 9  | Korean Guideline for the Prevention and Treatment of Glucocorticoid-induced Osteoporosis. <i>Journal of Rheumatic Diseases</i> , <b>2018</b> , 25, 263   | 1.2 | 2 |
| 8  | The natural history and hip geometric changes of primary hyperparathyroidism without parathyroid surgery. <i>Journal of Bone and Mineral Metabolism</i> , <b>2017</b> , 35, 278-288  | 2.9 | 1 |

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|---|--|-----|---|
| 7 | Subjective Assessment of Diabetes Self-Care Correlates with Perceived Glycemic Control but not with Actual Glycemic Control. <i>Diabetes and Metabolism Journal</i> , <b>2015</b> , 39, 31-6                           | 5   | 1 |
| 6 | Bone Lining Cells Could Be Sources of Bone Marrow Adipocytes.. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 766254  | 5.7 | 1 |
| 5 | No Significance of the Free Cortisol Index Compared to Total Cortisol in Critically Ill Patients. <i>Endocrinology and Metabolism</i> , <b>2011</b> , 26, 120  | 3.5 | 1 |
| 4 | Skeletal effects of combined bisphosphonates treatment and parathyroidectomy in osteoporotic patients with primary hyperparathyroidism. <i>Journal of Bone and Mineral Metabolism</i> , <b>2021</b> , 1                | 2.9 | 0 |
| 3 | Metabolic Subtyping of Adrenal Tumors: Prospective Multi-Center Cohort Study in Korea. <i>Endocrinology and Metabolism</i> , <b>2021</b> , 36, 1131-1141   | 3.5 | 0 |
| 2 | Contralateral Suppression at Adrenal Venous Sampling Is Associated with Renal Impairment Following Adrenalectomy for Unilateral Primary Aldosteronism. <i>Endocrinology and Metabolism</i> , <b>2021</b> , 36, 875-884 | 3.5 | 0 |
| 1 | Gene expression profiles in parathyroid adenoma and normal parathyroid tissue. <i>Vitamins and Hormones</i> , <b>2022</b> ,  | 2.5 |   |