Seung Hun Lee

List of Publications by Year
in descending order

80	1,425	411340 20	488211 31
papers	citations	h-index	g-index

81	81	81	2572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Osteoclast-secreted SLIT3 coordinates bone resorption and formation. Journal of Clinical Investigation, 2018, 128, 1429-1441.	3.9	106
2	GWAS of bone size yields twelve loci that also affect height, BMD, osteoarthritis or fractures. Nature Communications, 2019, 10, 2054.	5.8	74
3	Validation of pathological grading systems for predicting metastatic potential in pheochromocytoma and paraganglioma. PLoS ONE, 2017, 12, e0187398.	1.1	70
4	Sequence variants in the PTCH1 gene associate with spine bone mineral density and osteoporotic fractures. Nature Communications, 2016, 7, 10129.	5.8	58
5	Higher Circulating Sphingosine 1-Phosphate Levels Are Associated with Lower Bone Mineral Density and Higher Bone Resorption Marker in Humans. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1421-E1428.	1.8	49
6	The Detrimental Effects of Kynurenine, a Tryptophan Metabolite, on Human Bone Metabolism. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2334-2342.	1.8	44
7	Plasma periostin associates significantly with non-vertebral but not vertebral fractures in postmenopausal women: Clinical evidence for the different effects of periostin depending on the skeletal site. Bone, 2015, 81, 435-441.	1.4	42
8	Free Fatty Acid Receptor 4 (GPR120) Stimulates Bone Formation and Suppresses Bone Resorption in the Presence of Elevated n-3 Fatty Acid Levels. Endocrinology, 2016, 157, 2621-2635.	1.4	37
9	Clinical risk factors for osteoporotic fracture: A population-based prospective cohort study in Korea. Journal of Bone and Mineral Research, 2010, 25, 369-378.	3.1	36
10	A clinical prediction model to estimate the metastatic potential of pheochromocytoma/paraganglioma: ASES score. Surgery, 2018, 164, 511-517.	1.0	34
11	Lower hand grip strength in older adults with non-alcoholic fatty liver disease: a nationwide population-based study. Aging, 2019, 11, 4547-4560.	1.4	34
12	Hyperhomocysteinemia Due to Levodopa Treatment as a Risk Factor for Osteoporosis in Patients with Parkinsonâ€™s Disease. Calcified Tissue International, 2010, 86, 132-141.	1.5	30
13	SLIT2 inhibits osteoclastogenesis and bone resorption by suppression of Cdc42 activity. Biochemical and Biophysical Research Communications, 2019, 514, 868-874.	1.0	29
14	Lower Trabecular Bone Score in Patients With Primary Aldosteronism: Human Skeletal Deterioration by Aldosterone Excess. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 615-621.	1.8	28
15	Homocysteineâ€lowering therapy or antioxidant therapy for bone loss in Parkinson's disease. Movement Disorders, 2010, 25, 332-340.	2.2	27
16	Prediction of Future Osteoporotic Fracture Occurrence by Genetic Profiling: A 6-Year Follow-Up Observational Study. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1215-1224.	1.8	25
17	Multiple gene polymorphisms can improve prediction of nonvertebral fracture in postmenopausal women. Journal of Bone and Mineral Research, 2013, 28, 2156-2164.	3.1	24
18	Lower Bone Mass and Higher Bone Resorption in Pheochromocytoma: Importance of Sympathetic Activity on Human Bone. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2711-2718.	1.8	24

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19	Opportunistic Osteoporosis Screening Using Chest Radiographs With Deep Learning: Development and External Validation With a Cohort Dataset. Journal of Bone and Mineral Research, 2020, 37, 369-377.	3.1	24
20	Characteristics of Adrenal Incidentalomas in a Large, Prospective Computed Tomography-Based Multicenter Study: The COAR Study in Korea. Yonsei Medical Journal, 2018, 59, 501.	0.9	23
21	Position Statement: Drug Holiday in Osteoporosis Treatment with Bisphosphonates in South Korea. Journal of Bone Metabolism, 2015, 22, 167.	0.5	22
22	Position Statement on the Use of Bone Turnover Markers for Osteoporosis Treatment. Journal of Bone Metabolism, 2019, 26, 213.	0.5	22
23	(â€“)-Epigallocathechin-3-Gallate, an AMPK Activator, Decreases Ovariectomy-Induced Bone Loss by Suppression of Bone Resorption. Calcified Tissue International, 2012, 90, 404-410.	1.5	20
24	New diagnostic criteria for subclinical hypercortisolism using postsurgical hypocortisolism: the Co-work of Adrenal Research study. Clinical Endocrinology, 2017, 86, 10-18.	1.2	20
25	Association Between Metabolic Syndrome and Incident Fractures in Korean Men: A 3-Year Follow-Up Observational Study Using National Health Insurance Claims Data. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1615-1622.	1.8	18
26	Diagnostic Accuracy of Computed Tomography in Predicting Primary Aldosteronism Subtype According to Age. Endocrinology and Metabolism, 2021, 36, 401-412.	1.3	18
27	Decreased Plasma Levels of Sclerostin But Not Dickkopf-1 are Associated with an Increased Prevalence of Osteoporotic Fracture and Lower Bone Mineral Density in Postmenopausal Korean Women. Calcified Tissue International, 2016, 99, 350-359.	1.5	17
28	Association of Serum TSH With Handgrip Strength in Community-Dwelling Euthyroid Elderly. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3986-3992.	1.8	16
29	Potential Biomarkers to Improve the Prediction of Osteoporotic Fractures. Endocrinology and Metabolism, 2020, 35, 55.	1.3	16
30	Common and Rare Variants in the Exons and Regulatory Regions of Osteoporosis-Related Genes Improve Osteoporotic Fracture Risk Prediction. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2400-E2411.	1.8	15
31	Insulin resistance and composite indices of femoral neck strength in Asians: the fourth Korea National Health and Nutrition Examination Survey (<scp>KNHANES IV</scp>). Clinical Endocrinology, 2016, 84, 185-193.	1.2	15
32	Lack of Association Between Vitamin D and Hand Grip Strength in Asians: A Nationwide Population-Based Study. Calcified Tissue International, 2019, 104, 152-159.	1.5	15
33	Clinical insights into the kynurenine pathway in age-related diseases. Experimental Gerontology, 2020, 130, 110793.	1.2	15
34	Muscle-Derived Lumican Stimulates Bone Formation via Integrin Î±2Î²1 and the Downstream ERK Signal. Frontiers in Cell and Developmental Biology, 2020, 8, 565826.	1.8	15
35	Alteration in skeletal muscle mass in women with subclinical hypercortisolism. Endocrine, 2018, 61, 134-143.	1.1	14
36	Clinical Application of Bone Turnover Markers in Osteoporosis in Korea. Journal of Bone Metabolism, 2019, 26, 19.	0.5	14

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37	Regulation of bone metabolism by megakaryocytes in a paracrine manner. Scientific Reports, 2020, 10, 2277.	1.6	14
38	SLIT3 promotes myogenic differentiation as a novel therapeutic factor against muscle loss. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1724-1740.	2.9	13
39	Association of Bone Marrow Sphingosine 1-phosphate Levels with Osteoporotic Hip Fractures. Journal of Bone Metabolism, 2013, 20, 61.	0.5	12
40	Higher serum ferritin level and lower femur neck strength in women at the stage of bone loss (â‰¥ 45) Tj ETQq0 0 0 rgBT /Overlock 10 Endocrine Research, 2016, 41, 334-342.	0.6	12
41	Higher sympathetic activity as a risk factor for skeletal deterioration in pheochromocytoma. Bone, 2018, 116, 1-7.	1.4	12
42	Bone Health in Adrenal Disorders. Endocrinology and Metabolism, 2018, 33, 1.	1.3	12
43	The effects of myokines on osteoclasts and osteoblasts. Biochemical and Biophysical Research Communications, 2019, 517, 749-754.	1.0	12
44	Associations Between Plasma Growth and Differentiation Factor-15 with Aging Phenotypes in Muscle, Adipose Tissue, and Bone. Calcified Tissue International, 2022, 110, 236-243.	1.5	12
45	Inverse relationship between serum hsCRP concentration and hand grip strength in older adults: a nationwide population-based study. Aging, 2018, 10, 2051-2061.	1.4	12
46	Low Plasma Level of Leucine-Rich Repeat-Containing 17 (LRRc17) Is an Independent and Additive Risk Factor for Osteoporotic Fractures in Postmenopausal Women. Journal of Bone and Mineral Research, 2016, 31, 2106-2114.	3.1	11
47	SLIT3 regulates endochondral ossification by Î²-catenin suppression in chondrocytes. Biochemical and Biophysical Research Communications, 2018, 506, 847-853.	1.0	11
48	Diagnosis for Pheochromocytoma and Paraganglioma: A Joint Position Statement of the Korean Pheochromocytoma and Paraganglioma Task Force. Endocrinology and Metabolism, 2021, 36, 322-338.	1.3	11
49	High circulating follistatin-like protein 1 as a biomarker of a metabolically unhealthy state. Endocrine Journal, 2019, 66, 241-251.	0.7	10
50	Effects of Primary Aldosteronism and Different Therapeutic Modalities on Glucose Metabolism. Journal of Clinical Medicine, 2019, 8, 2194.	1.0	10
51	The Association of Higher Plasma Macrophage Migration Inhibitory Factor Levels with Lower Bone Mineral Density and Higher Bone Turnover Rate in Postmenopausal Women. Endocrinology and Metabolism, 2016, 31, 454.	1.3	10
52	The association between serum dehydroepiandrosterone Sulphate (DHEAâ€s) level and bone mineral density in Korean men. Clinical Endocrinology, 2015, 83, 173-179.	1.2	9
53	Replication of Caucasian Loci Associated with Osteoporosis-related Traits in East Asians. Journal of Bone Metabolism, 2016, 23, 233.	0.5	9
54	Change of skeletal muscle mass in patients with pheochromocytoma. Journal of Bone and Mineral Metabolism, 2019, 37, 694-702.	1.3	9

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55	Primary aldosteronism subtyping in the setting of partially successful adrenal vein sampling. Therapeutic Advances in Endocrinology and Metabolism, 2021, 12, 204201882198923.	1.4	9
56	Successful Localization Using 68Ga-DOTATOC PET/CT of a Phosphaturic Mesenchymal Tumor Causing Osteomalacia in a Patient with Concurrent Follicular Lymphoma. Nuclear Medicine and Molecular Imaging, 2018, 52, 462-467.	0.6	8
57	The Differential Effect of Excess Aldosterone on Skeletal Muscle Mass by Sex. Frontiers in Endocrinology, 2019, 10, 195.	1.5	8
58	Unveiling genetic variants for age-related sarcopenia by conducting a genome-wide association study on Korean cohorts. Scientific Reports, 2022, 12, 3501.	1.6	8
59	Symptom-dependent cut-offs of urine metanephrines improve diagnostic accuracy for detecting pheochromocytomas in two separate cohorts, compared to symptom-independent cut-offs. Endocrine, 2016, 54, 206-216.	1.1	7
60	Free Fatty Acid Receptor 4 Mediates the Beneficial Effects of n-3 Fatty Acids on Body Composition in Mice. Calcified Tissue International, 2017, 101, 654-662.	1.5	7
61	Contralateral Suppression at Adrenal Venous Sampling Is Associated with Renal Impairment Following Adrenalectomy for Unilateral Primary Aldosteronism. Endocrinology and Metabolism, 2021, 36, 875-884.	1.3	7
62	The Association of Vitamin D With Femoral Neck Strength: An Additional Evidence of Vitamin D on Bone Health. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3118-3125.	1.8	6
63	Higher plasma platelet-activating factor levels are associated with increased risk of vertebral fracture and lower bone mineral density in postmenopausal women. Journal of Bone and Mineral Metabolism, 2015, 33, 701-707.	1.3	6
64	The Local and Systemic Interactions Between Muscle and Bone in Postmenopausal Korean Women. Calcified Tissue International, 2019, 105, 373-382.	1.5	6
65	Associations of Circulating Levels of Sphingosine 1-Phosphate with the Trabecular Bone Score and Bone Mineral Density in Postmenopausal Women. Journal of Clinical Densitometry, 2021, 24, 414-421.	0.5	6
66	New predictive factors for prolonged operation time of laparoscopic posterior retroperitoneal adrenalectomy; retrospective cohort study. International Journal of Surgery, 2021, 94, 106113.	1.1	6
67	Higher serum carcinoembryonic antigen levels associate with more frequent development of incident fractures in Korean women: A longitudinal study using the national health insurance claim data. Bone, 2015, 73, 190-197.	1.4	5
68	Usefulness of 68Ga-DOTATOC PET/CT to localize the culprit tumor inducing osteomalacia. Scientific Reports, 2021, 11, 1819.	1.6	5
69	High Circulating Sphingosine 1-Phosphate is a Risk Factor for Osteoporotic Fracture Independent of Fracture Risk Assessment Tool. Calcified Tissue International, 2020, 107, 362-370.	1.5	4
70	Association of circulating levels of total and protein-bound sphingosine 1-phosphate with osteoporotic fracture. Journal of Investigative Medicine, 2020, 68, 1295-1299.	0.7	4
71	The association between the type of anesthesia and hemodynamic instability during pheochromocytoma surgery: a retrospective cohort study. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 5491-5500.	1.3	4
72	Outcome-Based Decision-Making Algorithm for Treating Patients with Primary Aldosteronism. Endocrinology and Metabolism, 2022, 37, 369-382.	1.3	4

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73	Nitric Oxide Increases Insulin Sensitivity in Skeletal Muscle by Improving Mitochondrial Function and Insulin Signaling. Korean Diabetes Journal, 2009, 33, 198.	0.8	3
74	Use of Bone Turnover Markers in Clinical Practice for the Management of Osteoporosis in Korea: From the Survey on the Prescription Pattern of Bone Turnover Markers. Journal of Bone Metabolism, 2019, 26, 271.	0.5	3
75	Indices of ACTHâ€stimulated adrenal venous sampling as predictors of postsurgical outcomes in primary aldosteronism. Clinical Endocrinology, 2022, 96, 521-530.	1.2	3
76	Effects of Sympathetic Activity on Human Skeletal Homeostasis: Clinical Evidence from Pheochromocytoma. Clinical Reviews in Bone and Mineral Metabolism, 2019, 17, 40-47.	1.3	2
77	Reply to letter to editor regarding: â€œA clinical prediction model to estimate the metastatic potential of Pheochromocytoma/paraganglioma: ASES scoreâ€• Surgery, 2019, 165, 853-858.	1.0	2
78	Differential association of dietary fat intake with DXA-based estimates of bone strength according to sex in the KNHANES IV population. Archives of Osteoporosis, 2020, 15, 62.	1.0	2
79	Diagnostic Accuracy of Computed Tomography in Predicting Primary Aldosteronism Subtype According to Age (Endocrinol Metab 2021;36:401-12, Seung Hun Lee et al.). Endocrinology and Metabolism, 2021, 36, 914-915.	1.3	2
80	The Effects of Combination Therapy of Cathepsin K Inhibitor and PTH on Change in Bone Mineral Density in an Animal Model of Osteoporosis. Endocrinology and Metabolism, 2011, 26, 303.	1.3	1