

# Keh-Sung Tsai

## List of Publications by Year in descending order

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84  
papers

3,606  
citations

117453

34  
h-index

138251

58  
g-index

86  
all docs

86  
docs citations

86  
times ranked

4836  
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus Statement on the Use of Bone Turnover Markers for Short-Term Monitoring of Osteoporosis Treatment in the Asia-Pacific Region. <i>Journal of Clinical Densitometry</i> , 2021, 24, 3-13.	0.5	35
2	Epidemiology of Osteoporosis in Taiwan. , 2021, , 3-10.		1
3	Pharmaceutical Treatment for Spinal Osteoporosis: Bisphosphonates, Denosumab, SERMs and Teriparatide. , 2021, , 157-169.		1
4	Osteoporosis of the Spine. , 2021, , .		1
5	Iron Overload Associated Endocrine Dysfunction Leading to Lower Bone Mineral Density in Thalassemia Major. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1015-e1024.	1.8	12
6	Pharmacologic intervention for prevention of fractures in osteopenic and osteoporotic postmenopausal women: Systemic review and meta-analysis. <i>Bone Reports</i> , 2020, 13, 100729.	0.2	14
7	Fracture types affect clinical outcomes of patients managed within the fracture liaison and osteoporosis medication management services. <i>Scientific Reports</i> , 2019, 9, 10089.	1.6	7
8	Risk Factors for Poor Functional Recovery, Mortality, Recurrent Fractures, and Falls Among Patients Participating in a Fracture Liaison Service Program. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1129-1136.e1.	1.2	16
9	Fracture liaison services improve outcomes of patients with osteoporosis-related fractures: A systematic literature review and meta-analysis. <i>Bone</i> , 2018, 111, 92-100.	1.4	189
10	Effects of exercise improves muscle strength and fat mass in patients with high fracture risk: A randomized control trial. <i>Journal of the Formosan Medical Association</i> , 2018, 117, 572-582.	0.8	20
11	Chronic kidney disease predicts a lower probability of improvement in patient-reported experience measures among patients with fractures: a prospective multicenter cohort study. <i>Archives of Osteoporosis</i> , 2018, 13, 126.	1.0	6
12	The development of Taiwan Fracture Liaison Service network. <i>Osteoporosis and Sarcopenia</i> , 2018, 4, 47-52.	0.7	21
13	Consensus on best practice standards for Fracture Liaison Service in the Asia-Pacific region. <i>Archives of Osteoporosis</i> , 2018, 13, 59.	1.0	14
14	The influence of alendronate and tooth extraction on the incidence of osteonecrosis of the jaw among osteoporotic subjects. <i>PLoS ONE</i> , 2018, 13, e0196419.	1.1	24
15	Establishing and evaluating FRAX Â® probability thresholds in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2017, 116, 161-168.	0.8	16
16	Predicting the risk of osteopenia for women aged 40â€“55 years. <i>Journal of the Formosan Medical Association</i> , 2017, 116, 888-896.	0.8	8
17	Fracture liaison services improve outcomes of patients with osteoporosis-related fractures: A systematic literature review and meta-analysis. <i>Osteoporosis and Sarcopenia</i> , 2017, 3, S51-S52.	0.7	8
18	Advanced glycation end-products induced VEGF production and inflammatory responses in human synoviocytes via RAGE-NF-Î²B pathway activation. <i>Journal of Orthopaedic Research</i> , 2016, 34, 791-800.	1.2	50

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19	Encouraging appropriate osteoporosis medication to prevent fracture. <i>Osteoporosis and Sarcopenia</i> , 2016, 2, 117.	0.7	1
20	Characterization of FN1-FGFR1 and novel FN1-FGF1 fusion genes in a large series of phosphaturic mesenchymal tumors. <i>Modern Pathology</i> , 2016, 29, 1335-1346.	2.9	139
21	Skeletal muscle mass adjusted by height correlated better with muscular functions than that adjusted by body weight in defining sarcopenia. <i>Scientific Reports</i> , 2016, 6, 19457.	1.6	79
22	Advanced glycation end-products induce skeletal muscle atrophy and dysfunction in diabetic mice via a RAGE-mediated, AMPK-down-regulated, Akt pathway. <i>Journal of Pathology</i> , 2016, 238, 470-482.	2.1	113
23	The Differences of Osteoporosis Awareness and its Association with 10-Year Fracture Risks Between Female Breast Cancer Survivors Before and After Menopause Age. <i>International Journal of Gerontology</i> , 2016, 10, 33-36.	0.7	0
24	Association of Renal Function and Menopausal Status with Bone Mineral Density in Middle-aged Women. <i>Scientific Reports</i> , 2015, 5, 14956.	1.6	7
25	Arsenic Exposure and Glucose Intolerance/Insulin Resistance in Estrogen-Deficient Female Mice. <i>Environmental Health Perspectives</i> , 2015, 123, 1138-1144.	2.8	52
26	Advanced Glycation End-Products Induce Apoptosis in Pancreatic Islet Endothelial Cells via NF- $\kappa$ B-Activated Cyclooxygenase-2/Prostaglandin E2 Up-Regulation. <i>PLoS ONE</i> , 2015, 10, e0124418.	1.1	45
27	PPAR $\delta$ is involved in the hyperglycemia-induced inflammatory responses and collagen degradation in human chondrocytes and diabetic mouse cartilages. <i>Journal of Orthopaedic Research</i> , 2015, 33, 373-381.	1.2	53
28	Identification of a novel FN1-FGFR1 genetic fusion as a frequent event in phosphaturic mesenchymal tumour. <i>Journal of Pathology</i> , 2015, 235, 539-545.	2.1	120
29	Effects of high-dose phytoestrogens on circulating cellular microparticles and coagulation function in postmenopausal women. <i>Journal of the Formosan Medical Association</i> , 2015, 114, 710-716.	0.8	17
30	Reduced Flexibility Associated with Metabolic Syndrome in Community-Dwelling Elders. <i>PLoS ONE</i> , 2015, 10, e0117167.	1.1	35
31	Low-Concentration Arsenic Trioxide Inhibits Skeletal Myoblast Cell Proliferation via a Reactive Oxygen Species-Independent Pathway. <i>PLoS ONE</i> , 2015, 10, e0137907.	1.1	9
32	Association between Secreted Phosphoprotein-1 (SPP1) Polymorphisms and Low Bone Mineral Density in Women. <i>PLoS ONE</i> , 2014, 9, e97428.	1.1	4
33	Low-Dose Benzo(a)pyrene and Its Epoxide Metabolite Inhibit Myogenic Differentiation in Human Skeletal Muscle-Derived Progenitor Cells. <i>Toxicological Sciences</i> , 2014, 138, 344-353.	1.4	17
34	Ovarian Cancer-Related Hypophosphatemic Osteomalacia—A Case Report. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 4403-4407.	1.8	31
35	Effects of Arsenic on Osteoblast Differentiation <i>in Vitro</i> and on Bone Mineral Density and Microstructure in Rats. <i>Environmental Health Perspectives</i> , 2014, 122, 559-565.	2.8	36
36	The Risk of Osteonecrosis of the Jaws in Taiwanese Osteoporotic Patients Treated With Oral Alendronate or Raloxifene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2729-2735.	1.8	34

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37	Vitamin D status in non-supplemented postmenopausal Taiwanese women with osteoporosis and fragility fracture. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 257.	0.8	12
38	Clinical practice guidelines for the prevention and treatment of osteoporosis in Taiwan: summary. <i>Journal of Bone and Mineral Metabolism</i> , 2014, 32, 10-16.	1.3	69
39	Consensus of Official Position of IOF/ISCD FRAX Initiatives in Asia-Pacific Region. <i>Journal of Clinical Densitometry</i> , 2014, 17, 150-155.	0.5	19
40	Association Between the Metabolome and Low Bone Mineral Density in Taiwanese Women Determined by 1H NMR Spectroscopy. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 212-222.	3.1	69
41	A 12-Year Ecological Study of Hip Fracture Rates among Older Taiwanese Adults. <i>Calcified Tissue International</i> , 2013, 93, 397-404.	1.5	29
42	Atypical Femoral Fractures Shortly After Osteonecrosis of the Jaw in a Postmenopausal Woman Taking Alendronate for Osteoporosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E723-E726.	1.8	19
43	Arsenic induces apoptosis in myoblasts through a reactive oxygen species-induced endoplasmic reticulum stress and mitochondrial dysfunction pathway. <i>Archives of Toxicology</i> , 2012, 86, 923-933.	1.9	141
44	Who Can Pass the ISCD Professional Certification Course? The 8-Yr Experience in Taiwan. <i>Journal of Clinical Densitometry</i> , 2011, 14, 22-27.	0.5	3
45	Acetylation of Yeast AMPK Controls Intrinsic Aging Independently of Caloric Restriction. <i>Cell</i> , 2011, 146, 969-979.	13.5	133
46	Effectiveness and Limitations of Hand Hygiene Promotion on Decreasing Healthcare-Associated Infections. <i>PLoS ONE</i> , 2011, 6, e27163.	1.1	93
47	The effects of intravenous zoledronic acid in Chinese women with postmenopausal osteoporosis. <i>Journal of Bone and Mineral Metabolism</i> , 2011, 29, 328-333.	1.3	28
48	Insulin, glucose and hepatocellular carcinoma risk in male hepatitis B carriers: results from 17-year follow-up of a population-based cohort. <i>Carcinogenesis</i> , 2011, 32, 876-881.	1.3	53
49	The effects of weekly alendronate therapy in Taiwanese males with osteoporosis. <i>Journal of Bone and Mineral Metabolism</i> , 2010, 28, 328-333.	1.3	15
50	Endonuclease V-mediated deoxyinosine excision repair in vitro. <i>DNA Repair</i> , 2010, 9, 1073-1079.	1.3	23
51	Arsenic Inhibits Myogenic Differentiation and Muscle Regeneration. <i>Environmental Health Perspectives</i> , 2010, 118, 949-956.	2.8	73
52	Hepatitis B Virus Core Variants Modify Natural Course of Viral Infection and Hepatocellular Carcinoma Progression. <i>Gastroenterology</i> , 2009, 137, 1687-1697.	0.6	38
53	Final Declaration of the Asian Metaforum on the Role of Vitamin D and the Management of Osteoporosis. <i>Public Health Nutrition</i> , 2009, 12, 578.	1.1	3
54	Certainties and Uncertainties Facing Emerging Respiratory Infectious Diseases: Lessons from SARS. <i>Journal of the Formosan Medical Association</i> , 2008, 107, 432-442.	0.8	16

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55	Long-term tracking of hepatitis B viral load and the relationship with risk for hepatocellular carcinoma in men. <i>Carcinogenesis</i> , 2008, 29, 106-112.	1.3	81
56	Body-Mass Index and Progression of Hepatitis B: A Population-Based Cohort Study in Men. <i>Journal of Clinical Oncology</i> , 2008, 26, 5576-5582.	0.8	119
57	Viremia Profiles in Children With Chronic Hepatitis B Virus Infection and Spontaneous e Antigen Seroconversion. <i>Gastroenterology</i> , 2007, 132, 2340-2345.	0.6	72
58	Secondary hyperparathyroidism as a palpable intrathyroid parathyroid gland in a patient with hypophosphatemic osteomalacia. <i>Journal of Bone and Mineral Metabolism</i> , 2006, 24, 114-117.	1.3	4
59	Identification of Three Novel Mutations in the GATA3 Gene Responsible for Familial Hypoparathyroidism and Deafness in the Chinese Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4587-4592.	1.8	37
60	Molecular Epidemiology of G9 Rotaviruses in Taiwan between 2000 and 2002. <i>Journal of Clinical Microbiology</i> , 2006, 44, 3686-3694.	1.8	20
61	Estimated Risk Score for Spine Fracture in the Specific Bending Activity of Normal Taiwanese Men and Women. <i>Spine</i> , 2005, 30, 2288-2292.	1.0	4
62	Nick-Directed Repair of Palindromic Loop Mismatches in Human Cell Extracts. <i>Journal of Biomedical Science</i> , 2005, 12, 659-669.	2.6	3
63	Ganoderic acid X, a lanostanoid triterpene, inhibits topoisomerases and induces apoptosis of cancer cells. <i>Life Sciences</i> , 2005, 77, 252-265.	2.0	117
64	Interaction of Nick-directed DNA Mismatch Repair and Loop Repair in Human Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 30228-30235.	1.6	11
65	Lack of independent relationship between plasma adiponectin, leptin levels and bone density in nondiabetic female adolescents. <i>Clinical Endocrinology</i> , 2004, 61, 204-208.	1.2	62
66	Effects of Raloxifene, One of the Selective Estrogen Receptor Modulators, on Pituitary-Ovary Axis and Prolactin in Postmenopausal Women. <i>Endocrine</i> , 2004, 23, 215-218.	2.2	14
67	Clinical relevance of hepatitis B virus genotype in children with chronic infection and hepatocellular carcinoma. <i>Gastroenterology</i> , 2004, 127, 1733-1738.	0.6	197
68	Effects of Long-Term Use of Raloxifene, a Selective Estrogen Receptor Modulator, on Thyroid Function Test Profiles. <i>Clinical Chemistry</i> , 2001, 47, 1865-1867.	1.5	14
69	Effects of Gender and Age Differences on the Distribution of Bone Content in the Third Lumbar Vertebra. <i>Spine</i> , 2001, 26, 964-968.	1.0	36
70	Hepatitis B Virus Infection in Children and Adolescents in a Hyperendemic Area: 15 Years after Mass Hepatitis B Vaccination. <i>Annals of Internal Medicine</i> , 2001, 135, 796.	2.0	311
71	Peripheral differential leukocyte counts in humans vary with hyperlipidemia, smoking, and body mass index. <i>Lipids</i> , 2001, 36, 237-245.	0.7	65
72	Hepatitis A vaccine in healthy adults: a comparison of immunogenicity and reactogenicity between two- and three-dose regimens. <i>Vaccine</i> , 1999, 17, 26-30.	1.7	11

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73	Precore stop codon mutant in chronic hepatitis B virus infection in children: its relation to hepatitis B e seroconversion and maternal hepatitis B surface antigen. <i>Journal of Hepatology</i> , 1998, 28, 915-922.	1.8	59
74	A Retrospective Hospital-based Study of Coronary Risk Factors in Taiwan. Analysis of Patients with Established Diagnoses.. <i>International Heart Journal</i> , 1998, 39, 435-444.	0.6	6
75	Different Age-Related Trends of Bone and Nonbone Forms of Alkaline Phosphatase in Chinese Men and Women. <i>Clinical Chemistry</i> , 1997, 43, 186-188.	1.5	4
76	The Milk-Alkali Syndrome Caused by Betelnuts in Oyster Shell Paste. <i>Journal of Toxicology: Clinical Toxicology</i> , 1996, 34, 741-745.	1.5	27
77	Alcoholism, Hepatitis B and C Viral Infections, and Impaired Liver Function among Taiwanese Aboriginal Groups. <i>American Journal of Epidemiology</i> , 1996, 143, 936-942.	1.6	16
78	Effects of Intraperitoneal Antibiotics on Human Peritoneal Mesothelial Cell Growth. <i>Nephron</i> , 1996, 74, 694-700.	0.6	13
79	Low-serum, high-density lipoprotein cholesterol concentration is an important coronary risk factor in chinese patients with low serum levels of total cholesterol and triglyceride. <i>American Journal of Cardiology</i> , 1996, 77, 1112-1115.	0.7	19
80	The effects of apolipoprotein E polymorphism on the distribution of lipids and lipoproteins in the Chinese population. <i>Atherosclerosis</i> , 1995, 114, 55-59.	0.4	57
81	Morphological and Immunocytochemical Characterization of Osteoblast Cultures from Long Bones of Neonatal Rats.. <i>Archives of Histology and Cytology</i> , 1992, 55, 415-422.	0.2	6
82	Comparison of bone mineral content among Japanese, Koreans, and Taiwanese assessed by dual-photon absorptiometry. <i>Journal of Bone and Mineral Research</i> , 1992, 7, 153-159.	3.1	57
83	Bone mineral density of normal Chinese women in Taiwan. <i>Calcified Tissue International</i> , 1991, 48, 161-166.	1.5	45
84	Bone Responsiveness to Parathyroid Hormone in Normal and Osteoporotic Postmenopausal Women *. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1989, 69, 1024-1027.	1.8	47