

Minoru Takemoto

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,411
citations

516710

16
h-index

361022

35
g-index

70
all docs

70
docs citations

70
times ranked

1871
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale identification of genes implicated in kidney glomerulus development and function. <i>EMBO Journal</i> , 2006, 25, 1160-1174.	7.8	196
2	Cell biology of diabetic nephropathy: Roles of endothelial cells, tubulointerstitial cells and podocytes. <i>Journal of Diabetes Investigation</i> , 2015, 6, 3-15.	2.4	161
3	Enhanced Expression of Osteopontin in Human Diabetic Artery and Analysis of Its Functional Role in Accelerated Atherogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 624-628.	2.4	108
4	Diagnostic criteria for Werner syndrome based on Japanese nationwide epidemiological survey. <i>Geriatrics and Gerontology International</i> , 2013, 13, 475-481.	1.5	104
5	The roles of transforming growth factor- β^2 and Smad3 signaling in adipocyte differentiation and obesity. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 68-73.	2.1	89
6	<i>WRN</i> Mutation Update: Mutation Spectrum, Patient Registries, and Translational Prospects. <i>Human Mutation</i> , 2017, 38, 7-15.	2.5	79
7	Association of serum levels of antibodies against MMP1, CBX1, and CBX5 with transient ischemic attack and cerebral infarction. <i>Oncotarget</i> , 2018, 9, 5600-5613.	1.8	38
8	Enhanced Expression of Osteopontin by High Glucose: Involvement of Osteopontin in Diabetic Macroangiopathy. <i>Annals of the New York Academy of Sciences</i> , 2000, 902, 357-363.	3.8	30
9	Altered cerebral blood flow in the anterior cingulate cortex is associated with neuropathic pain. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 1082-1087.	1.9	30
10	Comparing the effects of ipragliflozin versus metformin on visceral fat reduction and metabolic dysfunction in Japanese patients with type 2 diabetes treated with sitagliptin: A prospective, multicentre, open-label, blinded endpoint, randomized controlled study (PRIME study). <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1990-1995.	4.4	28
11	NK-104, a hydroxymethylglutaryl coenzyme A reductase inhibitor, reduces osteopontin expression by rat aortic smooth muscle cells. <i>British Journal of Pharmacology</i> , 2001, 133, 83-88.	5.4	25
12	Continuous glucose monitoring reveals hypoglycemia risk in elderly patients with type 2 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2018, 9, 69-74.	2.4	25
13	Transcription Factor 21 Is Required for Branching Morphogenesis and Regulates the Gdnf-Axis in Kidney Development. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2795-2808.	6.1	23
14	Time gap between the onset and diagnosis in Werner syndrome: a nationwide survey and the 2020 registry in Japan. <i>Aging</i> , 2020, 12, 24940-24956.	3.1	20
15	Clinical Outcome and Mechanism of Soft Tissue Calcification in Werner Syndrome. <i>Rejuvenation Research</i> , 2008, 11, 809-819.	1.8	19
16	Incidence and Characteristics of Metabolic Disorders and Vascular Complications in Individuals with Werner Syndrome in Japan. <i>Journal of the American Geriatrics Society</i> , 2012, 60, 997-998.	2.6	19
17	Efficacy and safety of the dipeptidyl peptidase-4 inhibitor sitagliptin compared with alpha-glucosidase inhibitor in Japanese patients with type 2 diabetes inadequately controlled on metformin or pioglitazone alone (Study for an Ultimate Combination Therapy to Control Diabetes with Sitagliptin): A multicenter, randomized, open-label, non-inferiority trial. <i>Journal of Diabetes Investigation</i> , 2015, 6, 182-191.	2.4	18
18	Pituitary Adenylate Cyclase-Activating Polypeptide Protects Glomerular Podocytes from Inflammatory Injuries. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-10.	2.3	18

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19	Elevation of autoantibody level against PDCD11 in patients with transient ischemic attack. <i>Oncotarget</i> , 2018, 9, 8836-8848.	1.8	18
20	Comparison of Visceral Fat Reduction by Ipragliflozin and Metformin in Elderly Type 2 Diabetes Patients: Sub-Analysis of a Randomized-Controlled Study. <i>Diabetes Therapy</i> , 2021, 12, 183-196.	2.5	17
21	Astaxanthin Improves Nonalcoholic Fatty Liver Disease in Werner Syndrome with Diabetes Mellitus. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 1271-1273.	2.6	16
22	Serum anti-ILRPAP1 is a common biomarker for digestive organ cancers and atherosclerotic diseases. <i>Cancer Science</i> , 2020, 111, 4453-4464.	3.9	16
23	Elevated levels of autoantibodies against DNAJC2 in sera of patients with atherosclerotic diseases. <i>Heliyon</i> , 2020, 6, e04661.	3.2	16
24	Effects of ipragliflozin versus metformin in combination with sitagliptin on bone and muscle in Japanese patients with type 2 diabetes mellitus: Subanalysis of a prospective, randomized, controlled study (PRIME-V study). <i>Journal of Diabetes Investigation</i> , 2021, 12, 200-206.	2.4	14
25	Serum anti-AP3D1 antibodies are risk factors for acute ischemic stroke related with atherosclerosis. <i>Scientific Reports</i> , 2021, 11, 13450.	3.3	14
26	Association of Serum Anti-PCSK9 Antibody Levels with Favorable Postoperative Prognosis in Esophageal Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 708039.	2.8	14
27	Werner syndrome: a model for sarcopenia due to accelerated aging. <i>Aging</i> , 2017, 9, 1738-1744.	3.1	14
28	Targeted long-read sequencing identifies missing pathogenic variants in unsolved Werner syndrome cases. <i>Journal of Medical Genetics</i> , 2022, 59, 1087-1094.	3.2	14
29	Recent Trends in WRN Gene Mutation Patterns in Individuals with Werner Syndrome. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 1853-1856.	2.6	13
30	Serum anti-DIDO1, anti-CPSF2, and anti-FOXJ2 antibodies as predictive risk markers for acute ischemic stroke. <i>BMC Medicine</i> , 2021, 19, 131.	5.5	13
31	Elevated Adiponectin Antibody Levels in Sera of Patients with Atherosclerosis-Related Coronary Artery Disease, Cerebral Infarction and Diabetes Mellitus. <i>Journal of Circulating Biomarkers</i> , 2016, 5, 8.	1.3	12
32	Sitagliptin Improves Postprandial Hyperglycemia by Inhibiting Glucagon Secretion in Werner Syndrome With Diabetes. <i>Diabetes Care</i> , 2013, 36, e119-e119.	8.6	11
33	Association between serum anti-ASXL2 antibody levels and acute ischemic stroke, acute myocardial infarction, diabetes mellitus, chronic kidney disease and digestive organ cancer, and their possible association with atherosclerosis and hypertension. <i>International Journal of Molecular Medicine</i> , 2020, 46, 1274-1288.	4.0	11
34	Sitagliptin Successfully Ameliorates Glycemic Control in Werner Syndrome With Diabetes. <i>Diabetes Care</i> , 2012, 35, e83-e83.	8.6	10
35	Immune-mediated acquired lecithin-cholesterol acyltransferase deficiency: A case report and literature review. <i>Journal of Clinical Lipidology</i> , 2018, 12, 888-897.e2.	1.5	10
36	Management guideline for Werner syndrome 2020. 6. Skin ulcers associated with Werner syndrome: Prevention and non-surgical and surgical treatment. <i>Geriatrics and Gerontology International</i> , 2021, 21, 153-159.	1.5	10

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37	R3hdml regulates satellite cell proliferation and differentiation. EMBO Reports, 2019, 20, e47957.	4.5	9
38	Physician-initiated clinical study of limb ulcers treated with a functional peptide, SR-0379: from discovery to a randomized, double-blind, placebo-controlled trial. Npj Aging and Mechanisms of Disease, 2018, 4, 2.	4.5	8
39	Management guideline for <scp>Werner</scp> syndrome 2020. 3. Diabetes associated with <scp>Werner</scp> syndrome. Geriatrics and Gerontology International, 2021, 21, 142-145.	1.5	8
40	Helicobacter cinaedi infection in patients with diabetes: a case report. SpringerPlus, 2015, 4, 72.	1.2	6
41	Improved Glycemic Control and Vascular Function and Reduction of Abdominal Fat Accumulation with Liraglutide in a Case of Werner Syndrome with Diabetes Mellitus. Journal of the American Geriatrics Society, 2016, 64, 687-688.	2.6	6
42	Efficacy and safety of ipragliflozin and metformin for visceral fat reduction in patients with type 2 diabetes receiving treatment with dipeptidyl peptidase-4 inhibitors in Japan: a study protocol for a prospective, multicentre, blinded-endpoint phase IV randomised controlled trial (PRIME-V study). BMJ Open, 2017, 7, e015766.	1.9	6
43	Femoral osteoporosis is more common than lumbar osteoporosis in patients with Werner syndrome. Geriatrics and Gerontology International, 2017, 17, 854-856.	1.5	6
44	Dulaglutide-related bullous pemphigoid in a patient with type 2 diabetes: A case report. Geriatrics and Gerontology International, 2019, 19, 1289-1290.	1.5	6
45	Management guideline for <scp>W</scp>erner syndrome 2020. 4. <scp>O</scp>steoporosis associated with <scp>W</scp>erner syndrome. Geriatrics and Gerontology International, 2021, 21, 146-149.	1.5	6
46	Effects of Sodium Glucose Co-Transporter 2 Inhibitors in Type 1 Diabetes Mellitus on Body Composition and Glucose Variabilities: Single-Arm, Exploratory Trial. Diabetes Therapy, 2021, 12, 1415-1427.	2.5	6
47	Investigator-initiated clinical study of a functional peptide, SR-0379, for limb ulcers of patients with Werner syndrome as a pilot study. Geriatrics and Gerontology International, 2019, 19, 1118-1123.	1.5	6
48	A high prevalence of myeloid malignancies in progeria with Werner syndrome is associated with p53 insufficiency. Experimental Hematology, 2022, 109, 11-17.	0.4	6
49	Sitagliptin but not alpha glucosidase inhibitor reduced the serum soluble CD163, a marker for activated macrophage, in individuals with type 2 diabetes mellitus. Diabetes Research and Clinical Practice, 2017, 126, 138-143.	2.8	5
50	Biallelic <i>WRN</i> Mutations in Newly Identified Japanese Werner Syndrome Patients. Molecular Syndromology, 2018, 9, 214-218.	0.8	5
51	Management guideline for Werner syndrome 2020. 7. Skin ulcer associated with Werner syndrome: Dermatological treatment. Geriatrics and Gerontology International, 2021, 21, 160-162.	1.5	5
52	Management guideline for Werner syndrome 2020 8. Calcification in tendons associated with Werner syndrome. Geriatrics and Gerontology International, 2021, 21, 163-165.	1.5	5
53	Management guideline for Werner syndrome 2020. 2. Sarcopenia associated with Werner syndrome. Geriatrics and Gerontology International, 2021, 21, 139-141.	1.5	5
54	Preface to Management guideline for <scp>Werner</scp> syndrome 2020. Geriatrics and Gerontology International, 2021, 21, 131-132.	1.5	5

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55	Pioglitazone Improves Fat Tissue Distribution and Hyperglycemia in a Case of Cockayne Syndrome With Diabetes. <i>Diabetes Care</i> , 2015, 38, e76-e76.	8.6	4
56	Management guideline for Werner syndrome 2020 1. Dyslipidemia and fatty liver associated with Werner syndrome. <i>Geriatrics and Gerontology International</i> , 2021, 21, 133-138.	1.5	4
57	A Case of Hashimoto's Thyroiditis with Multiple Drug Resistance and High Expression of Efflux Transporters. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 399-406.	3.6	3
58	Impaired cardiac and neurological function with mild hypophosphatemia during insulin therapy for diabetic ketoacidosis and marked improvement with phosphate supplementation: A case report. <i>Journal of Diabetes Investigation</i> , 2021, 12, 454-458.	2.4	3
59	Management guideline for Werner syndrome 2020. 5. Infection associated with Werner syndrome. <i>Geriatrics and Gerontology International</i> , 2021, 21, 150-152.	1.5	3
60	A novel podocyte protein, R3h domain containing-like, inhibits TGF- β -induced p38 MAPK and regulates the structure of podocytes and glomerular basement membrane. <i>Journal of Molecular Medicine</i> , 2021, 99, 859-876.	3.9	3
61	Low dose red yeast rice with monacolin K lowers LDL cholesterol and blood pressure in Japanese with mild dyslipidemia: A multicenter, randomized trial. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2021, 30, 424-435.	0.4	3
62	Rothmund-Thomson syndrome investigated by two nationwide surveys in Japan. <i>Pediatrics International</i> , 2022, 64, .	0.5	2
63	Efficacy of HMG-CoA reductase inhibitors in the prevention of cerebrovascular attack in 1016 patients older than 75 years among 4014 type 2 diabetic individuals. <i>International Journal of Cardiology</i> , 2014, 177, 860-866.	1.7	1
64	Characteristic Clinical Features of Werner Syndrome with a Novel Compound Heterozygous WRN Mutation c.1720+1G>A Plus c.3139-1G>C. <i>Internal Medicine</i> , 2019, 58, 1033-1036.	0.7	1
65	II. Pitfalls Pertaining to Management of Dyslipidemia in Daily Medical Practice. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2017, 106, 690-695.	0.0	0
66	Generation of Endothelial and Smooth Muscle Cells from Werner Syndrome-Specific Induced Pluripotent Stem Cells. <i>Juntendo Medical Journal</i> , 2018, 64, 207-215.	0.1	0
67	Diagnosis and Pathogenesis of Progeroid Syndromes. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2019, 108, 124-130.	0.0	0
68	Predictive model and risk engine web application for surgical site infection risk in perioperative patients with type 2 diabetes. <i>Diabetology International</i> , 0, , .	1.4	0