

Hidenori Koyama

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1403736/publications.pdf>

Version: 2024-02-01

99
papers

5,206
citations

109321

35
h-index

88630

70
g-index

99
all docs

99
docs citations

99
times ranked

6745
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Fibrillar Collagen Inhibits Arterial Smooth Muscle Proliferation through Regulation of Cdk2 Inhibitors. <i>Cell</i> , 1996, 87, 1069-1078. | 28.9 | 502 |
| 2 | Cleavage of p21Cip1/Waf1 and p27Kip1 Mediates Apoptosis in Endothelial Cells through Activation of Cdk2: Role of a Caspase Cascade. <i>Molecular Cell</i> , 1998, 1, 553-563. | 9.7 | 419 |
| 3 | Plasma Level of Endogenous Secretory RAGE Is Associated With Components of the Metabolic Syndrome and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2587-2593. | 2.4 | 311 |
| 4 | Caspase-mediated Cleavage of Focal Adhesion Kinase pp125FAK and Disassembly of Focal Adhesions in Human Endothelial Cell Apoptosis. <i>Journal of Experimental Medicine</i> , 1998, 187, 579-586. | 8.5 | 249 |
| 5 | Association of Serum Fetuin-A With Insulin Resistance in Type 2 Diabetic and Nondiabetic Subjects. <i>Diabetes Care</i> , 2006, 29, 468-468. | 8.6 | 174 |
| 6 | The mitogen-activated protein kinase pathway can mediate growth inhibition and proliferation in smooth muscle cells. Dependence on the availability of downstream targets.. <i>Journal of Clinical Investigation</i> , 1997, 100, 875-885. | 8.2 | 143 |
| 7 | Body fat mass and lean mass as predictors of survival in hemodialysis patients. <i>Kidney International</i> , 2006, 70, 549-556. | 5.2 | 139 |
| 8 | RAGE and Soluble RAGE: Potential Therapeutic Targets for Cardiovascular Diseases. <i>Molecular Medicine</i> , 2007, 13, 625-635. | 4.4 | 137 |
| 9 | Brachial-ankle Pulse Wave Velocity as an Index of Central Arterial Stiffness. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010, 17, 658-665. | 2.0 | 136 |
| 10 | Receptor for Advanced Glycation End Products Is Involved in Impaired Angiogenic Response in Diabetes. <i>Diabetes</i> , 2006, 55, 2245-2255. | 0.6 | 116 |
| 11 | Regional Arterial Stiffness in Patients with Type 2 Diabetes and Chronic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 2245-2252. | 6.1 | 108 |
| 12 | Fatigue Is a Predictor for Cardiovascular Outcomes in Patients Undergoing Hemodialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 659-666. | 4.5 | 96 |
| 13 | Receptor for Advanced Glycation End Products Regulates Adipocyte Hypertrophy and Insulin Sensitivity in Mice. <i>Diabetes</i> , 2013, 62, 478-489. | 0.6 | 91 |
| 14 | Influence of high glucose on 1,25-dihydroxyvitamin D3-induced effect on human osteoblast-like MG-63 cells. <i>Journal of Bone and Mineral Research</i> , 1995, 10, 1050-1056. | 2.8 | 90 |
| 15 | Skin autofluorescence, a marker for advanced glycation end product accumulation, is associated with arterial stiffness in patients with end-stage renal disease. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 1452-1457. | 3.4 | 88 |
| 16 | Low Circulating Endogenous Secretory Receptor for AGEs Predicts Cardiovascular Mortality in Patients With End-Stage Renal Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 147-153. | 2.4 | 87 |
| 17 | Different Impacts of Neck Circumference and Visceral Obesity on the Severity of Obstructive Sleep Apnea Syndrome. <i>Obesity</i> , 2011, 19, 276-282. | 3.0 | 84 |
| 18 | The Extracellular Matrix Dynamically Regulates Smooth Muscle Cell Responsiveness to PDGF. <i>Annals of the New York Academy of Sciences</i> , 2000, 902, 39-52. | 3.8 | 81 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Central versus peripheral arterial stiffness in association with coronary, cerebral and peripheral arterial disease. <i>Atherosclerosis</i> , 2010, 211, 480-485. | 0.8 | 78 |
| 20 | Biochemistry of uridine in plasma. <i>Clinica Chimica Acta</i> , 2011, 412, 1712-1724. | 1.1 | 77 |
| 21 | Fibrillar Collagen Specifically Regulates Human Vascular Smooth Muscle Cell Genes Involved in Cellular Responses and the Pericellular Matrix Environment. <i>Circulation Research</i> , 2001, 88, 460-467. | 4.5 | 76 |
| 22 | Association of serum fetuin-A with carotid arterial stiffness. <i>Clinical Endocrinology</i> , 2007, 66, 246-250. | 2.4 | 75 |
| 23 | Inhibition of PDGF-stimulated and matrix-mediated proliferation of human vascular smooth muscle cells by SPARC is independent of changes in cell shape or cyclin-dependent kinase inhibitors. <i>Journal of Cellular Biochemistry</i> , 2002, 84, 759-771. | 2.6 | 72 |
| 24 | Effects of pioglitazone on serum fetuin-A levels in patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 1248-1252. | 3.4 | 69 |
| 25 | Enhancement of Cell-Based Therapeutic Angiogenesis Using a Novel Type of Injectable Scaffolds of Hydroxyapatite-Polymer Nanocomposite Microspheres. <i>PLoS ONE</i> , 2012, 7, e35199. | 2.5 | 61 |
| 26 | Small dense low-density lipoprotein cholesterol concentration and carotid atherosclerosis. <i>Atherosclerosis</i> , 2009, 202, 582-588. | 0.8 | 58 |
| 27 | Receptor for advanced glycation end-products (RAGE) regulation of adiposity and adiponectin is associated with atherogenesis in apoE-deficient mouse. <i>Atherosclerosis</i> , 2010, 211, 431-436. | 0.8 | 57 |
| 28 | Association between Plasma Angiopoietin-Like Protein 3 and Arterial Wall Thickness in Healthy Subjects. <i>Journal of Vascular Research</i> , 2007, 44, 61-66. | 1.4 | 54 |
| 29 | Fetuin-A and atherosclerotic calcified plaque in patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 873-878. | 3.4 | 51 |
| 30 | Association of Endothelial and Vascular Smooth Muscle Dysfunction with Cardiovascular Risk Factors, Vascular Complications, and Subclinical Carotid Atherosclerosis in Type 2 Diabetic Patients. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012, 19, 276-284. | 2.0 | 50 |
| 31 | Platelet activation is associated with hypoadiponectinemia and carotid atherosclerosis. <i>Atherosclerosis</i> , 2006, 188, 190-195. | 0.8 | 48 |
| 32 | Regional Arterial Stiffness Associated with Ischemic Heart Disease in Type 2 Diabetes Mellitus. <i>Journal of Atherosclerosis and Thrombosis</i> , 2006, 13, 114-121. | 2.0 | 45 |
| 33 | AGEs/RAGE in CKD: irreversible metabolic memory road toward CVD?. <i>European Journal of Clinical Investigation</i> , 2010, 40, 623-635. | 3.4 | 44 |
| 34 | Fetuin-A is associated with calcified coronary artery disease. <i>Coronary Artery Disease</i> , 2010, 21, 281-285. | 0.7 | 42 |
| 35 | Advanced glycation end products, carotid atherosclerosis, and circulating endothelial progenitor cells in patients with end-stage renal disease. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 453-459. | 3.4 | 42 |
| 36 | Atheroprotective and plaque-stabilizing effects of enzymatically modified isoquercitrin in atherogenic apoE-deficient mice. <i>Nutrition</i> , 2009, 25, 421-427. | 2.4 | 39 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Nonpharmacological Management of Gout and Hyperuricemia: Hints for Better Lifestyle. <i>American Journal of Lifestyle Medicine</i> , 2017, 11, 321-329. | 1.9 | 38 |
| 38 | Plasma leptin level is associated with cardiac autonomic dysfunction in patients with type 2 diabetes: HSCAA study. <i>Cardiovascular Diabetology</i> , 2015, 14, 117. | 6.8 | 37 |
| 39 | Effect of adiponectin on carotid arterial stiffness in type 2 diabetic patients treated with pioglitazone and metformin. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 996-1001. | 3.4 | 36 |
| 40 | Sleep, cardiac autonomic function, and carotid atherosclerosis in patients with cardiovascular risks: HSCAA study. <i>Atherosclerosis</i> , 2015, 238, 409-414. | 0.8 | 36 |
| 41 | Effects of Nutritional Supplementation on Fatigue, and Autonomic and Immune Dysfunction in Patients with End-Stage Renal Disease: A Randomized, Double-Blind, Placebo-Controlled, Multicenter Trial. <i>PLoS ONE</i> , 2015, 10, e0119578. | 2.5 | 34 |
| 42 | Clinical Impact of Metabolic Syndrome by Modified NCEP-ATPIII Criteria on Carotid Atherosclerosis in Japanese Adults. <i>Journal of Atherosclerosis and Thrombosis</i> , 2007, 14, 172-178. | 2.0 | 33 |
| 43 | Plasma Adiponectin Level Is Associated with Insulin-Stimulated Nonoxidative Glucose Disposal. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 290-294. | 3.6 | 32 |
| 44 | Leptin is associated with vascular endothelial function in overweight patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2014, 13, 10. | 6.8 | 32 |
| 45 | Glimepiride increases high-density lipoprotein cholesterol via increasing adiponectin levels in type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 143-148. | 3.4 | 31 |
| 46 | Direct Inhibitory Effects of Pioglitazone on Hepatic Fetuin-A Expression. <i>PLoS ONE</i> , 2014, 9, e88704. | 2.5 | 30 |
| 47 | Comparison of effects of pioglitazone and glimepiride on plasma soluble RAGE and RAGE expression in peripheral mononuclear cells in type 2 diabetes: Randomized controlled trial (PioRAGE). <i>Atherosclerosis</i> , 2014, 234, 329-334. | 0.8 | 30 |
| 48 | Fibrillar Collagen Regulation of Plasminogen Activator Inhibitor-1 Is Involved in Altered Smooth Muscle Cell Migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1573-1578. | 2.4 | 27 |
| 49 | The association of plasma adiponectin level with carotid arterial stiffness. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 587-592. | 3.4 | 27 |
| 50 | Association of serum TRAIL levels with atherosclerosis in patients with type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2011, 91, 316-320. | 2.8 | 27 |
| 51 | Active Vitamin D and Acute Respiratory Infections in Dialysis Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 1361-1367. | 4.5 | 26 |
| 52 | Decreased serum adrenal androgen dehydroepiandrosterone sulfate and mortality in hemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 3915-3922. | 0.7 | 26 |
| 53 | Plasma Brain-Derived Neurotrophic Factor and Reverse Dipping Pattern of Nocturnal Blood Pressure in Patients with Cardiovascular Risk Factors. <i>PLoS ONE</i> , 2014, 9, e105977. | 2.5 | 25 |
| 54 | Relationships between time in range, glycemic variability including hypoglycemia and types of diabetes therapy in Japanese patients with type 2 diabetes mellitus: Hyogo Diabetes Hypoglycemia Cognition Complications study. <i>Journal of Diabetes Investigation</i> , 2021, 12, 244-253. | 2.4 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Association Between Glycemic Control and Morning Blood Pressure Surge With Vascular Endothelial Dysfunction in Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2014, 37, 644-650. | 8.6 | 24 |
| 56 | Sleep, Autonomic Nervous Function and Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 794. | 4.1 | 23 |
| 57 | Loss of smooth muscle calponin results in impaired blood vessel maturation in the tumor?host microenvironment. <i>Cancer Science</i> , 2007, 98, 757-763. | 3.9 | 22 |
| 58 | Serum C-reactive protein and thioredoxin levels in subjects with mildly reduced glomerular filtration rate. <i>BMC Nephrology</i> , 2010, 11, 7. | 1.8 | 22 |
| 59 | Endogenous Secretory Receptor for Advanced Glycation End-Products and Cardiovascular Disease in End-Stage Renal Disease. , 2008, 18, 76-82. | | 21 |
| 60 | Dialysis modality is independently associated with circulating endothelial progenitor cells in end-stage renal disease patients. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 581-586. | 0.7 | 21 |
| 61 | Kidney Function, Cholesterol Absorption and Remnant Lipoprotein Accumulation in Patients with Diabetes Mellitus. <i>Journal of Atherosclerosis and Thrombosis</i> , 2014, 21, 346-354. | 2.0 | 21 |
| 62 | JNK and ATF4 as two important platforms for tumor necrosis factor α -stimulated shedding of receptor for advanced glycation end products. <i>FASEB Journal</i> , 2019, 33, 3575-3589. | 0.5 | 21 |
| 63 | AGEs and Cardiovascular Diseases in Patients With End-Stage Renal Diseases. , 2012, 22, 128-133. | | 20 |
| 64 | Oncostatin M Promotes Osteoblastic Differentiation of Human Vascular Smooth Muscle Cells Through JAK3 \rightarrow STAT3 Pathway. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1325-1333. | 2.6 | 20 |
| 65 | Comparison of the Effect of Cilostazol with Aspirin on Circulating Endothelial Progenitor Cells and Small-Dense LDL Cholesterol in Diabetic Patients with Cerebral Ischemia: A Randomized Controlled Pilot Trial. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011, 18, 883-890. | 2.0 | 19 |
| 66 | Advantage of Insulin Glulisine Over Regular Insulin in Patients With Type 2 Diabetes and Severe Renal Insufficiency. , 2015, 25, 129-134. | | 19 |
| 67 | Serum Macro TSH Level is Associated with Sleep Quality in Patients with Cardiovascular Risks â€“ HSCAA Study. <i>Scientific Reports</i> , 2017, 7, 44387. | 3.3 | 19 |
| 68 | Plasma angiopoietin-like protein 3 (ANGPTL3) concentration is associated with uremic dyslipidemia. <i>Atherosclerosis</i> , 2009, 207, 579-584. | 0.8 | 18 |
| 69 | Associations of Sleep Quality and Awake Physical Activity with Fluctuations in Nocturnal Blood Pressure in Patients with Cardiovascular Risk Factors. <i>PLoS ONE</i> , 2016, 11, e0155116. | 2.5 | 18 |
| 70 | Assaying Soluble Forms of Receptor for Advanced Glycation End Products. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, . | 2.4 | 17 |
| 71 | Low sleep quality is associated with progression of arterial stiffness in patients with cardiovascular risk factors: HSCAA study. <i>Atherosclerosis</i> , 2018, 270, 95-101. | 0.8 | 17 |
| 72 | SREBP inhibits VEGF expression in human smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 354-360. | 2.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Serum CRP in patients with gout and effects of benzbromarone. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2011, 49, 191-197. | 0.6 | 15 |
| 74 | Antialbuminuric advantage of cilnidipine compared with L-type calcium channel blockers in type 2 diabetic patients with normoalbuminuria and microalbuminuria. <i>Diabetes Research and Clinical Practice</i> , 2012, 97, 91-98. | 2.8 | 14 |
| 75 | Autonomic Function is Associated With Health-Related Quality of Life in Patients With End-Stage Renal Disease: A Case-Control Study. , 2013, 23, 340-347. | | 14 |
| 76 | Plasma brain-derived neurotrophic factor concentration is a predictor of chronic kidney disease in patients with cardiovascular risk factors – Hyogo Sleep Cardio-Autonomic Atherosclerosis study. <i>PLoS ONE</i> , 2017, 12, e0178686. | 2.5 | 14 |
| 77 | Poor Glycemic Control is a Significant Predictor of Cardiovascular Events in Chronic Hemodialysis Patients With Diabetes. <i>Therapeutic Apheresis and Dialysis</i> , 2009, 13, 358-365. | 0.9 | 13 |
| 78 | Xanthine oxidoreductase activity correlates with vascular endothelial dysfunction in patients with type 1 diabetes. <i>Acta Diabetologica</i> , 2020, 57, 31-39. | 2.5 | 13 |
| 79 | Associations of sleep quality, sleep apnea and autonomic function with insulin secretion and sensitivity: HSCAA study. <i>Metabolism Open</i> , 2020, 6, 100033. | 2.9 | 11 |
| 80 | Platelet in Progression of Atherosclerosis: A Potential Target in Diabetic Patients. <i>Current Diabetes Reviews</i> , 2005, 1, 159-165. | 1.3 | 9 |
| 81 | Plasma leptin concentration is associated with fatigue severity in patients with cardiovascular risk factors – HSCAA study. <i>Psychoneuroendocrinology</i> , 2016, 74, 7-12. | 2.7 | 9 |
| 82 | Overestimation of glomerular filtration rate calculated from serum creatinine as compared with cystatin C in patients with subclinical hypercortisolism: Hyogo Adrenal Metabolic Registry. <i>Endocrine Journal</i> , 2020, 67, 469-476. | 1.6 | 9 |
| 83 | Association of Erythropoietin Resistance with Fatigue in Hemodialysis Patients: A Cross-Sectional Study. <i>Nephron</i> , 2016, 134, 95-102. | 1.8 | 8 |
| 84 | Subclinical decrease in cardiac autonomic and diastolic function in patients with metabolic disorders: HSCAA study. <i>Metabolism Open</i> , 2020, 5, 100025. | 2.9 | 8 |
| 85 | Anaplastic Thyroid Carcinoma Accompanied by Uncontrollable Eosinophilia. <i>Internal Medicine</i> , 2015, 54, 611-616. | 0.7 | 7 |
| 86 | Extension of recovery time from fatigue by repeated rest with short-term sleep during continuous fatigue load: Development of chronic fatigue model. <i>Journal of Neuroscience Research</i> , 2016, 94, 424-429. | 2.9 | 7 |
| 87 | Regions of Arterial Stenosis and Clinical Factors Determining Transcutaneous Oxygen Tension in Patients with Peripheral Arterial Disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010, 17, 858-869. | 2.0 | 7 |
| 88 | Integral role of receptor for advanced glycation end products (RAGE) in nondiabetic atherosclerosis. <i>Fukushima Journal of Medical Sciences</i> , 2019, 65, 109-121. | 0.4 | 6 |
| 89 | Acquired marked hypertriglyceridemia with anti-GPIIb/IIIa antibodies. <i>Pediatrics International</i> , 2020, 62, 651-653. | 0.5 | 6 |
| 90 | 21-Hydroxylase Deficiency Associated with Male Infertility: Report of 2 Cases with Gene Analyses. <i>Internal Medicine</i> , 2011, 50, 1317-1321. | 0.7 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 91 | Increased soluble IL-2 receptor levels in serum from a patient with painless thyroiditis. <i>Thyroid Research</i> , 2013, 6, 12. | 1.5 | 5 |
| 92 | Partial HPRT Deficiency with a Novel Mutation of the <i>HPRT</i> Gene in Combination with Four Previously Reported Variants Associated with Hyperuricemia. <i>Internal Medicine</i> , 2015, 54, 1523-1526. | 0.7 | 5 |
| 93 | Ectopic adrenocorticotrophic hormone syndrome associated with olfactory neuroblastoma: acquirement of adrenocorticotrophic hormone expression during disease course as shown by serial immunohistochemistry examinations. <i>Journal of International Medical Research</i> , 2018, 46, 4760-4768. | 1.0 | 5 |
| 94 | Concomitant Cushing's Disease and Marked Hyperprolactinemia: Response to a Dopamine Receptor Agonist. <i>Internal Medicine</i> , 2016, 55, 935-941. | 0.7 | 4 |
| 95 | Relationship between serum allantoin and urate in healthy subjects and effects of benzbromarone in gout patients. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2012, 50, 265-271. | 0.6 | 4 |
| 96 | Injectable cell scaffold restores impaired cell-based therapeutic angiogenesis in diabetic mice with hindlimb ischemia. <i>Biochemical and Biophysical Research Communications</i> , 2014, 454, 119-124. | 2.1 | 3 |
| 97 | Consideration regarding immune checkpoint inhibitor-induced secondary adrenal insufficiency in patients lacking human leucocyte antigen-DR15. <i>European Journal of Cancer</i> , 2021, 143, 52-54. | 2.8 | 3 |
| 98 | Correlation between fetuin-A and matrix Gla protein levels in human serum. <i>Artery Research</i> , 2010, 4, 91. | 0.6 | 2 |
| 99 | Fever of unknown origin following parathyroidectomy prior to onset of typical polymyalgia rheumatica symptoms: a case report. <i>International Journal of General Medicine</i> , 2018, Volume 11, 307-311. | 1.8 | 1 |