

Kei Fukami

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,424
citations

218677

26
h-index

197818

49
g-index

61
all docs

61
docs citations

61
times ranked

3280
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Inhibition of NADPH Oxidase Prevents Advanced Glycation End Productâ€‘Mediated Damage in Diabetic Nephropathy Through a Protein Kinase C-Î±â€‘Dependent Pathway. <i>Diabetes</i> , 2008, 57, 460-469. | 0.6 | 317 |
| 2 | Role of AGEs-RAGE System in Cardiovascular Disease. <i>Current Pharmaceutical Design</i> , 2014, 20, 2395-2402. | 1.9 | 143 |
| 3 | Molecular Mechanisms of Diabetic Nephropathy and Its Therapeutic Intervention. <i>Current Drug Targets</i> , 2007, 8, 952-959. | 2.1 | 137 |
| 4 | Role of AGEs in Diabetic Nephropathy. <i>Current Pharmaceutical Design</i> , 2008, 14, 946-952. | 1.9 | 127 |
| 5 | Glucagon-Like Peptide-1 Receptor Agonist Inhibits Asymmetric Dimethylarginine Generation in the Kidney of Streptozotocin-Induced Diabetic Rats by Blocking Advanced Glycation End Productâ€‘Induced Protein Arginine Methyltransferase-1 Expression. <i>American Journal of Pathology</i> , 2013, 182, 132-141. | 3.8 | 125 |
| 6 | Agents that block advanced glycation end product (AGE)-RAGE (receptor for AGEs)-oxidative stress system: a novel therapeutic strategy for diabetic vascular complications. <i>Expert Opinion on Investigational Drugs</i> , 2008, 17, 983-996. | 4.1 | 121 |
| 7 | Dimethylarginine Dimethylaminohydrolase Prevents Progression of Renal Dysfunction by Inhibiting Loss of Peritubular Capillaries and Tubulointerstitial Fibrosis in a Rat Model of Chronic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 1525-1533. | 6.1 | 106 |
| 8 | Crosstalk between advanced glycation end products (AGEs)-receptor RAGE axis and dipeptidyl peptidase-4-incretin system in diabetic vascular complications. <i>Cardiovascular Diabetology</i> , 2015, 14, 2. | 6.8 | 95 |
| 9 | Evaluation of tissue accumulation levels of advanced glycation end products by skin autofluorescence: A novel marker of vascular complications in high-risk patients for cardiovascular disease. <i>International Journal of Cardiology</i> , 2015, 185, 263-268. | 1.7 | 85 |
| 10 | DNA Aptamer Raised Against AGEs Blocks the Progression of Experimental Diabetic Nephropathy. <i>Diabetes</i> , 2013, 62, 3241-3250. | 0.6 | 72 |
| 11 | Oral L-Carnitine Supplementation Increases Trimethylamine-N-oxide but Reduces Markers of Vascular Injury in Hemodialysis Patients. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 65, 289-295. | 1.9 | 65 |
| 12 | Irbesartan inhibits advanced glycation end product (AGE)-induced proximal tubular cell injury in vitro by suppressing receptor for AGEs (RAGE) expression. <i>Pharmacological Research</i> , 2010, 61, 34-39. | 7.1 | 62 |
| 13 | Role of Receptor for Advanced Glycation End Products (RAGE) and Its Ligands in Cancer Risk. <i>Rejuvenation Research</i> , 2015, 18, 48-56. | 1.8 | 60 |
| 14 | Olmesartan blocks advanced glycation end products (AGEs)-induced angiogenesis in vitro by suppressing receptor for AGEs (RAGE) expression. <i>Microvascular Research</i> , 2008, 75, 130-134. | 2.5 | 56 |
| 15 | Experimental diabetic nephropathy is accelerated in matrix metalloproteinase-2 knockout mice. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 55-62. | 0.7 | 55 |
| 16 | Involvement of advanced glycation end product-induced asymmetric dimethylarginine generation in endothelial dysfunction. <i>Diabetes and Vascular Disease Research</i> , 2013, 10, 436-441. | 2.0 | 55 |
| 17 | Pigment epithelium-derived factor (PEDF) inhibits proximal tubular cell injury in early diabetic nephropathy by suppressing advanced glycation end products (AGEs)-receptor (RAGE) axis. <i>Pharmacological Research</i> , 2011, 63, 241-248. | 7.1 | 50 |
| 18 | Advanced glycation end products potentiate citrated plasma-evoked oxidative and inflammatory reactions in endothelial cells by up-regulating protease-activated receptor-1 expression. <i>Cardiovascular Diabetology</i> , 2014, 13, 60. | 6.8 | 50 |

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|----|--|-----|-----------|
| 19 | Positive association of serum levels of advanced glycation end products and high mobility group box-1 with asymmetric dimethylarginine in nondiabetic chronic kidney disease patients. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 1624-1628. | 3.4 | 48 |
| 20 | PEDF inhibits AGE-induced podocyte apoptosis via PPAR-gamma activation. <i>Microvascular Research</i> , 2013, 85, 54-58. | 2.5 | 48 |
| 21 | Asymmetric dimethylarginine accumulates in the kidney during ischemia/reperfusion injury. <i>Kidney International</i> , 2014, 85, 570-578. | 5.2 | 39 |
| 22 | Receptor for advanced glycation endproducts and progressive kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2015, 24, 54-60. | 2.0 | 38 |
| 23 | Administration of pigment epithelium-derived factor (PEDF) reduces proteinuria by suppressing decreased nephrin and increased VEGF expression in the glomeruli of adriamycin-injected rats. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 1397-1406. | 0.7 | 33 |
| 24 | Nifedipine inhibits advanced glycation end products (AGEs) and their receptor (RAGE) interaction-mediated proximal tubular cell injury via peroxisome proliferator-activated receptor-gamma activation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 326-330. | 2.1 | 33 |
| 25 | Ramipril inhibits AGE-RAGE-induced matrix metalloproteinase-2 activation in experimental diabetic nephropathy. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 86. | 2.7 | 29 |
| 26 | Potential Inhibitory Effects of L-Carnitine Supplementation on Tissue Advanced Glycation End Products in Patients with Hemodialysis. <i>Rejuvenation Research</i> , 2013, 16, 460-466. | 1.8 | 27 |
| 27 | Compared effects of calcium and sodium polystyrene sulfonate on mineral and bone metabolism and volume overload in pre-dialysis patients with hyperkalemia. <i>Clinical and Experimental Nephrology</i> , 2018, 22, 35-44. | 1.6 | 25 |
| 28 | Maternal exposure to high-fat and high-fructose diet evokes hypoadiponectinemia and kidney injury in rat offspring. <i>Clinical and Experimental Nephrology</i> , 2016, 20, 853-861. | 1.6 | 24 |
| 29 | RAGE-aptamer attenuates deoxycorticosterone acetate/salt-induced renal injury in mice. <i>Scientific Reports</i> , 2018, 8, 2686. | 3.3 | 24 |
| 30 | Crucial role of RAGE in inappropriate increase of smooth muscle cells from patients with pulmonary arterial hypertension. <i>PLoS ONE</i> , 2018, 13, e0203046. | 2.5 | 23 |
| 31 | Tissue level of advanced glycation end products is an independent determinant of high-sensitivity C-reactive protein levels in haemodialysis patients. <i>Nephrology</i> , 2011, 16, 299-303. | 1.6 | 21 |
| 32 | Regional variations in immunosuppressive therapy in patients with primary nephrotic syndrome: the Japan nephrotic syndrome cohort study. <i>Clinical and Experimental Nephrology</i> , 2018, 22, 1266-1280. | 1.6 | 21 |
| 33 | Decreased serum carnitine is independently correlated with increased tissue accumulation levels of advanced glycation end products in haemodialysis patients. <i>Nephrology</i> , 2012, 17, 689-694. | 1.6 | 20 |
| 34 | Advanced glycation end products evoke inflammatory reactions in proximal tubular cells via autocrine production of dipeptidyl peptidase-4. <i>Microvascular Research</i> , 2018, 120, 90-93. | 2.5 | 18 |
| 35 | Uremic Toxin-Targeting as a Therapeutic Strategy for Preventing Cardiorenal Syndrome. <i>Circulation Journal</i> , 2019, 84, 2-8. | 1.6 | 17 |
| 36 | Dysbiosis-Related Advanced Glycation Endproducts and Trimethylamine N-Oxide in Chronic Kidney Disease. <i>Toxins</i> , 2021, 13, 361. | 3.4 | 16 |

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|----|--|-----|-----------|
| 37 | L-carnitine Supplementation Improves Self-rating Depression Scale Scores in Uremic Male Patients Undergoing Hemodialysis. <i>Letters in Drug Design and Discovery</i> , 2017, 14, 737-742. | 0.7 | 14 |
| 38 | Effects of Switching From Calcium Carbonate to Lanthanum Carbonate on Bone Mineral Metabolism in Hemodialysis Patients. <i>Therapeutic Apheresis and Dialysis</i> , 2013, 17, 35-40. | 0.9 | 13 |
| 39 | Carnitine deficiency is associated with late-onset hypogonadism and depression in uremic men with hemodialysis. <i>Aging Male</i> , 2014, 17, 238-242. | 1.9 | 11 |
| 40 | Effects of switching from oral administration to intravenous injection of L-carnitine on lipid metabolism in hemodialysis patients. <i>CKJ: Clinical Kidney Journal</i> , 2014, 7, 470-474. | 2.9 | 11 |
| 41 | Effectiveness of immunosuppressive therapy for nephrotic syndrome in a patient with late-onset Fabry disease: a case report and literature review. <i>BMC Nephrology</i> , 2019, 20, 469. | 1.8 | 11 |
| 42 | Screening of Fabry disease in patients with chronic kidney disease in Japan. <i>Nephrology Dialysis Transplantation</i> , 2021, 37, 115-125. | 0.7 | 11 |
| 43 | L-carnitine supplementation vs cycle ergometer exercise for physical activity and muscle status in hemodialysis patients: A randomized clinical trial. <i>Therapeutic Apheresis and Dialysis</i> , 2021, 25, 304-313. | 0.9 | 10 |
| 44 | Dialysate Vascular Endothelial Growth Factor Is an Independent Determinant of Serum Albumin Levels and Predicts Future Withdrawal From Peritoneal Dialysis in Uremic Patients. <i>Therapeutic Apheresis and Dialysis</i> , 2014, 18, 391-397. | 0.9 | 9 |
| 45 | Serum Levels of Growth Differentiation Factor 11 Are Independently Associated with Low Hemoglobin Values in Hemodialysis Patients. <i>BioResearch Open Access</i> , 2016, 5, 155-158. | 2.6 | 8 |
| 46 | Effects of Reducing L-Carnitine Supplementation on Carnitine Kinetics and Cardiac Function in Hemodialysis Patients: A Multicenter, Single-Blind, Placebo-Controlled, Randomized Clinical Trial. <i>Nutrients</i> , 2021, 13, 1900. | 4.1 | 7 |
| 47 | The Coexistence of Multiple Myeloma-associated Amyloid Light-chain Amyloidosis and Fabry Disease in a Hemodialysis Patient. <i>Internal Medicine</i> , 2017, 56, 841-846. | 0.7 | 6 |
| 48 | Better remission rates in elderly Japanese patients with primary membranous nephropathy in nationwide real-world practice: The Japan Nephrotic Syndrome Cohort Study (JNSCS). <i>Clinical and Experimental Nephrology</i> , 2020, 24, 893-909. | 1.6 | 6 |
| 49 | Inhibitory effects of RAGE-aptamer on development of monocrotaline-induced pulmonary arterial hypertension in rats. <i>Journal of Cardiology</i> , 2021, 78, 12-16. | 1.9 | 5 |
| 50 | Carnitine deficiency is associated with decreased exercise activity in hemodialysis patients. <i>Renal Replacement Therapy</i> , 2019, 5, . | 0.7 | 4 |
| 51 | Evidence for a Positive Association Between Serum Carnitine and Free Testosterone Levels in Uremic Men with Hemodialysis. <i>Rejuvenation Research</i> , 2013, 16, 200-205. | 1.8 | 3 |
| 52 | Predictors of early remission of proteinuria in adult patients with minimal change disease: a retrospective cohort study. <i>Scientific Reports</i> , 2022, 12, . | 3.3 | 3 |
| 53 | An Overview of Diabetic Nephropathy. , 2012, , 145-157. | | 2 |
| 54 | Effect of tolvaptan on renal involvement in patients with autosomal dominant polycystic kidney disease according to different gene mutations. <i>Clinical and Experimental Nephrology</i> , 2021, 25, 251-260. | 1.6 | 2 |

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|----|---|-----|-----------|
| 55 | Quantification and Visualization of Reliable Hemodynamics Evaluation Based on Non-Contact Arteriovenous Fistula Measurement. <i>Sensors</i> , 2022, 22, 2745. | 3.8 | 1 |
| 56 | An Overview on Diabetic Nephropathy. , 2018, , 125-137. | | 0 |
| 57 | Effectiveness of cryofiltration and mizoribine combination with oral steroid therapy in a patient with membranoproliferative glomerulonephritis due to essential cryoglobulinemia. <i>CEN Case Reports</i> , 2019, 8, 205-211. | 0.9 | 0 |
| 58 | P1134HIGH PREVALENCE OF SLEEP-DISORDERED BREATHING AND ITS ASSOCIATION WITH RENAL FUNCTION AMONG CHRONIC KIDNEY DISEASE PATIENTS (CKD1-5,HD AND PD) : A CROSS-SECTIONAL STUDY. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, . | 0.7 | 0 |
| 59 | Triple combination therapy with telmisartan, amlodipine, and hydrochlorothiazide ameliorates albuminuria in a normotensive rat remnant kidney model. <i>Renal Replacement Therapy</i> , 2021, 7, . | 0.7 | 0 |