

Keiji Hirai

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

608
citations

840776

11
h-index

713466

21
g-index

82
all docs

82
docs citations

82
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	The Glucagon-Like Peptide-1 Receptor Agonist, Liraglutide, Attenuates the Progression of Overt Diabetic Nephropathy in Type 2 Diabetic Patients. <i>Tohoku Journal of Experimental Medicine</i> , 2013, 231, 57-61.	1.2	54
2	Factors Affecting Cerebral Oxygenation in Hemodialysis Patients: Cerebral Oxygenation Associates with pH, Hemodialysis Duration, Serum Albumin Concentration, and Diabetes Mellitus. <i>PLoS ONE</i> , 2015, 10, e0117474.	2.5	50
3	Sarcopenia and Physical Inactivity in Patients With Chronic Kidney Disease. <i>Nephro-Urology Monthly</i> , 2016, 8, e37443.	0.1	50
4	Evaluation of Cerebral Oxygenation in Patients Undergoing Long-Term Hemodialysis. <i>Nephron Clinical Practice</i> , 2014, 126, 57-61.	2.3	48
5	MicroRNAs in Podocyte Injury in Diabetic Nephropathy. <i>Frontiers in Genetics</i> , 2020, 11, 993.	2.3	29
6	MicroRNAs in Sarcopenia: A Systematic Review. <i>Frontiers in Medicine</i> , 2020, 7, 180.	2.6	26
7	Differences in tissue oxygenation and changes in total hemoglobin signal strength in the brain, liver, and lower-limb muscle during hemodialysis. <i>Journal of Artificial Organs</i> , 2018, 21, 86-93.	0.9	24
8	Association of cerebral oxygenation with estimated glomerular filtration rate and cognitive function in chronic kidney disease patients without dialysis therapy. <i>PLoS ONE</i> , 2018, 13, e0199366.	2.5	24
9	Changes in Cerebral Oxygenation Associated with Intradialytic Blood Transfusion in Patients with Severe Anemia Undergoing Hemodialysis. <i>Nephron Extra</i> , 2017, 7, 42-51.	1.1	20
10	A Higher Cardiothoracic Ratio Is Associated with 2-Year Mortality after Hemodialysis Initiation. <i>Nephron Extra</i> , 2015, 5, 100-110.	1.1	14
11	New Method for the Approximation of Corrected Calcium Concentrations in Chronic Kidney Disease Patients. <i>Therapeutic Apheresis and Dialysis</i> , 2016, 20, 46-52.	0.9	12
12	Differences in cerebral and hepatic oxygenation in response to intradialytic blood transfusion in patients undergoing hemodialysis. <i>Journal of Artificial Organs</i> , 2019, 22, 316-323.	0.9	12
13	Acute severe liver dysfunction induced by febuxostat in a patient undergoing hemodialysis. <i>CEN Case Reports</i> , 2014, 3, 158-161.	0.9	11
14	Effects of Roxadustat on the Anemia and Iron Metabolism of Patients Undergoing Peritoneal Dialysis. <i>Frontiers in Medicine</i> , 2021, 8, 667117.	2.6	11
15	Associations of cerebral oxygenation with hemoglobin levels evaluated by near-infrared spectroscopy in hemodialysis patients. <i>PLoS ONE</i> , 2020, 15, e0236720.	2.5	10
16	Approximation of bicarbonate concentration using serum total carbon dioxide concentration in patients with non-dialysis chronic kidney disease. <i>Kidney Research and Clinical Practice</i> , 2019, 38, 326-335.	2.2	10
17	Approximation of Corrected Calcium Concentrations in Advanced Chronic Kidney Disease Patients with or without Dialysis Therapy. <i>Nephron Extra</i> , 2015, 5, 39-49.	1.1	9
18	Deterioration of Cerebral Oxygenation by Aortic Arch Calcification Progression in Patients Undergoing Hemodialysis: A Cross-Sectional Study. <i>BioMed Research International</i> , 2017, 2017, 1-6.	1.9	9

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19	Warfarin-related nephropathy with acute kidney injury in a patient with immunoglobulin A nephropathy. CEN Case Reports, 2018, 7, 198-203.	0.9	9
20	MicroRNA Expression Profiling in Diabetic Kidney Disease. Translational Research, 2021, 237, 31-52.	5.0	9
21	MicroRNA expression profiling in acute kidney injury. Translational Research, 2022, 244, 1-31.	5.0	9
22	Effect of Evolocumab on Vulnerable Coronary Plaques: A Serial Coronary Computed Tomography Angiography Study. Journal of Clinical Medicine, 2020, 9, 3338.	2.4	8
23	Low-density lipoprotein apheresis ameliorates monthly estimated glomerular filtration rate declines in patients with renal cholesterol crystal embolism. Journal of Artificial Organs, 2015, 18, 72-78.	0.9	7
24	Factors associating with oxygenation of lower-limb muscle tissue in hemodialysis patients. World Journal of Nephrology, 2016, 5, 524.	2.0	7
25	Changes in tissue oxygenation in response to sudden intradialytic hypotension. Journal of Artificial Organs, 2020, 23, 187-190.	0.9	7
26	Association between Cerebral Oxygenation, as Evaluated with Near-Infrared Spectroscopy, and Cognitive Function in Patients Undergoing Hemodialysis. Nephron, 2021, 145, 1-8.	1.8	7
27	Nano-sized carriers in gene therapy for renal fibrosis in vivo. Nano Reviews & Experiments, 2017, 8, 1331099.	3.7	6
28	Serum Zinc Concentration Correlates With Ferritin Concentration in Patients Undergoing Peritoneal Dialysis: A Cross-Sectional Study. Frontiers in Medicine, 2020, 7, 537586.	2.6	6
29	Effects of Evolocumab on Carotid Intima-Media Thickness and Clinical Parameters in Patients Taking a Statin. Journal of Clinical Medicine, 2020, 9, 2256.	2.4	6
30	Association between carnitine deficiency and the erythropoietin resistance index in patients undergoing peritoneal dialysis: a cross-sectional observational study. Renal Failure, 2020, 42, 146-153.	2.1	6
31	Quantitative Real-Time PCR Evaluation of microRNA Expressions in Mouse Kidney with Unilateral Ureteral Obstruction. Journal of Visualized Experiments, 2020, , .	0.3	6
32	Two cases of advanced stage rapidly progressive diabetic nephropathy effectively treated with combination therapy including RAS blocker, GLP-1 receptor agonist and SGLT-2 inhibitor. CEN Case Reports, 2019, 8, 128-133.	0.9	5
33	Cerebral oxygenation improvement is associated with hemoglobin increase after hemodialysis initiation. International Journal of Artificial Organs, 2020, 43, 695-700.	1.4	5
34	<p>Factors Associated with Uremic Pruritus in Patients Undergoing Peritoneal Dialysis</p>. International Journal of Nephrology and Renovascular Disease, 2020, Volume 13, 1-9.	1.8	5
35	Effects of a new bicarbonate/lactate-buffered neutral peritoneal dialysis fluid for peritoneal failure in patients undergoing peritoneal dialysis. Discovery Medicine, 2016, 21, 81-8.	0.5	5
36	Remitting Seronegative Symmetrical Synovitis with Pitting Oedema (RS3PE) Syndrome in a Chronic Kidney Disease Patient Undzerging Haemodialysis. Nephrology, 2016, 21, 1073-1073.	1.6	4

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37	Delayed peritoneal dialysis catheterâ€intestinal fistula. <i>Nephrology</i> , 2018, 23, 890-891.	1.6	4
38	Effects of dietary intake and nutritional status on cerebral oxygenation in patients with chronic kidney disease not undergoing dialysis: A cross-sectional study. <i>PLoS ONE</i> , 2019, 14, e0223605.	2.5	4
39	Idiopathic hypereosinophilic syndrome in hemodialysis patients. <i>Medicine (United States)</i> , 2021, 100, e25164.	1.0	4
40	Efficacy and safety of adding mizoribine to standard treatment in patients with immunoglobulin A nephropathy: A randomized controlled trial. <i>Kidney Research and Clinical Practice</i> , 2017, 36, 159-166.	2.2	4
41	Factors associated with anti-SARS-CoV-2 spike antibody titers after a second BNT162b2 mRNA COVID-19 vaccination in Japanese hemodialysis patients. <i>Clinical and Experimental Nephrology</i> , 2022, 26, 925-932.	1.6	4
42	Scleroderma renal crisis with coexisting segmental arterial mediolysis presenting as intraperitoneal bleeding: a case report. <i>Journal of Medical Case Reports</i> , 2019, 13, 74.	0.8	3
43	A case of posterior reversible encephalopathy syndrome in a patient undergoing automated peritoneal dialysis. <i>CEN Case Reports</i> , 2019, 8, 178-182.	0.9	3
44	Proteinase 3-antineutrophil cytoplasmic antibody-positive necrotizing crescentic glomerulonephritis complicated by infectious endocarditis: a case report. <i>Journal of Medical Case Reports</i> , 2019, 13, 356.	0.8	3
45	<p>The Efficacy and Safety of Sodium-Glucose Cotransporter-2 Inhibitors in Patients with Advanced-Stage Diabetic Kidney Disease Taking Renin-Angiotensin System Blockers<p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 215-225.	2.4	3
46	Successful treatment of cholesterol crystal embolism with anti-proprotein convertase subtilisin/kexin type 9 (PCSK9) antibody: a case report. <i>Renal Failure</i> , 2020, 42, 173-178.	2.1	3
47	Induction of hemodialysis with an arteriovenous fistula in a patient with hemophilia A. <i>CEN Case Reports</i> , 2020, 9, 225-231.	0.9	3
48	Association between hepatic oxygenation on near-infrared spectroscopy and clinical factors in patients undergoing hemodialysis. <i>PLoS ONE</i> , 2021, 16, e0259064.	2.5	3
49	Effectiveness of plasma exchange for acquired type A hemophilia. <i>CEN Case Reports</i> , 2015, 4, 196-199.	0.9	2
50	Successful treatment of a hemodialyzed patient with pure red cell aplasia associated with epoetin beta pegol therapy with cyclosporine. <i>CEN Case Reports</i> , 2016, 5, 78-82.	0.9	2
51	Sustained severe intestinal edema after nafamostat mesilate-associated anaphylactic reaction during hemodialysis. <i>Nefrologia</i> , 2019, 39, 202-204.	0.4	2
52	Warfarin-induced impairment of bone material quality in a patient undergoing maintenance hemodialysis. <i>Medicine (United States)</i> , 2020, 99, e20724.	1.0	2
53	Eosinophilic peritonitis induced by sucroferric oxyhydroxide. <i>Peritoneal Dialysis International</i> , 2020, 40, 419-421.	2.3	2
54	Relationship between serum total carbon dioxide concentration and bicarbonate concentration in patients undergoing hemodialysis. <i>Kidney Research and Clinical Practice</i> , 2020, 39, 441-450.	2.2	2

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55	Effects of Once-Weekly Dulaglutide on Glycemic Control and Renal Function in Patients with Advanced-Stage Diabetic Nephropathy. <i>Nephro-Urology Monthly</i> , 2017, 9, .	0.1	2
56	A Quantitative Detection Method for MicroRNAs in the Kidney of an Ischemic Kidney Injury Mouse Model. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	2
57	Detection of microRNA Expression in the Kidneys of Immunoglobulin a Nephropathic Mice. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	2
58	Detection of microRNA Expression in Peritoneal Membrane of Rats Using Quantitative Real-time PCR. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	1
59	Risk factors and utility of maximum carotid intima–media thickness as a surrogate marker for coronary artery stenosis. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 1407-1416.	2.0	1
60	Clinical factors affecting cerebral oxygenation in patients undergoing peritoneal dialysis. <i>International Journal of Artificial Organs</i> , 2021, 44, 822-828.	1.4	1
61	Changes in Serum and Urinary Potassium Handling Associated with Renin-Angiotensin-Aldosterone System Inhibitors in Advanced Chronic Kidney Disease Patients. <i>Cureus</i> , 2019, 11, e5561.	0.5	1
62	Change in Anemia by Carnitine Supplementation in Patients Undergoing Peritoneal Dialysis: A Retrospective Observational Study. <i>Frontiers in Medicine</i> , 2021, 8, 767945.	2.6	1
63	Measurement of Tissue Oxygenation using Near-infrared Spectroscopy in Patients undergoing Hemodialysis. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	1
64	Effects of Elobixibat on Constipation and Lipid Metabolism in Patients With Moderate to End-Stage Chronic Kidney Disease. <i>Frontiers in Medicine</i> , 2021, 8, 780127.	2.6	1
65	A case of asymmetric insulin-derived localised amyloid deposition associated with long-acting insulin analog administration. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2022, , 1-3.	3.0	1
66	Spontaneous pneumomediastinum with subcutaneous emphysema in a patient with rheumatoid arthritis and interstitial pneumonia. <i>BMJ Case Reports</i> , 2022, 15, e248982.	0.5	1
67	A Case of Upper Ureter Rupture With Acute Kidney Injury. <i>Clinical Medicine Insights: Case Reports</i> , 2018, 11, 117954761878513.	0.7	0
68	<p>Factors Associated with the Change in Carotid Maximum Intima-Media Thickness in Patients with Moderate-to-Advanced Stage Chronic Kidney Disease</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 3637-3643.	2.4	0
69	Catheter-related obstruction of the right brachiocephalic vein following hemodialysis in a patient with lupus nephritis. <i>Journal of Vascular Access</i> , 2020, 22, 112972982092608.	0.9	0
70	Relationship Between Serum Total Carbon Dioxide Concentration and Bicarbonate Concentration in Patients Undergoing Peritoneal Dialysis. <i>Cureus</i> , 2021, 13, e14119.	0.5	0
71	No Significant Changes of Glycemic Control and Renal Function in Patients with Advanced-Stage Diabetic Kidney Disease by Switching from Linagliptin to Teneagliptin. <i>Journal of Pragmatic and Observational Research</i> , 2021, Volume 12, 81-91.	1.5	0
72	A case report of PR-3-ANCA-positive glomerulonephritis with histological features of GPA associated with infectious endocarditis. <i>Medicine (United States)</i> , 2021, 100, e26905.	1.0	0

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73	Clinical features of hemodialyzed patients who underwent emergent gastrointestinal endoscopy for gastrointestinal bleeding. <i>Nihon Toseki Igakkai Zasshi</i> , 2014, 47, 351-357.	0.1	0
74	A case of recurrent embolic stroke of undetermined source in a chronic kidney disease patient undergoing hemodialysis. <i>Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia</i> , 2018, 29, 1245.	0.3	0
75	An Autopsy Case of Nonocclusive Mesenteric Ischemia with Bilateral Renal Artery Vasoconstriction. <i>American Journal of Case Reports</i> , 2022, 23, e934688.	0.8	0
76	Title is missing!. , 2019, 14, e0223605.		0
77	Title is missing!. , 2019, 14, e0223605.		0
78	Title is missing!. , 2019, 14, e0223605.		0
79	Title is missing!. , 2019, 14, e0223605.		0
80	Title is missing!. , 2020, 15, e0236720.		0
81	Title is missing!. , 2020, 15, e0236720.		0
82	Title is missing!. , 2020, 15, e0236720.		0