

# Tomonori Kimura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1526279/publications.pdf>

Version: 2024-02-01

65  
papers

9,848  
citations

117625

34  
h-index

118850

62  
g-index

68  
all docs

68  
docs citations

68  
times ranked

20108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Autophagy sequesters damaged lysosomes to control lysosomal biogenesis and kidney injury. <i>EMBO Journal</i> , 2013, 32, 2336-2347.	7.8	455
3	Chloroquine in Cancer Therapy: A Double-Edged Sword of Autophagy. <i>Cancer Research</i> , 2013, 73, 3-7.	0.9	428
4	Autophagy Protects the Proximal Tubule from Degeneration and Acute Ischemic Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 902-913.	6.1	388
5	Secretory autophagy. <i>Current Opinion in Cell Biology</i> , 2015, 35, 106-116.	5.4	378
6	TRIMs and Galectins Globally Cooperate and TRIM16 and Galectin-3 Co-direct Autophagy in Endomembrane Damage Homeostasis. <i>Developmental Cell</i> , 2016, 39, 13-27.	7.0	339
7	TRIM Proteins Regulate Autophagy and Can Target Autophagic Substrates by Direct Recognition. <i>Developmental Cell</i> , 2014, 30, 394-409.	7.0	269
8	TRIM-mediated precision autophagy targets cytoplasmic regulators of innate immunity. <i>Journal of Cell Biology</i> , 2015, 210, 973-989.	5.2	248
9	Dedicated <sc>SNARE</sc> s and specialized <sc>TRIM</sc> cargo receptors mediate secretory autophagy. <i>EMBO Journal</i> , 2017, 36, 42-60.	7.8	247
10	Autophagy Guards Against Cisplatin-Induced Acute Kidney Injury. <i>American Journal of Pathology</i> , 2012, 180, 517-525.	3.8	215
11	High-Fat Diet-Induced Lysosomal Dysfunction and Impaired Autophagic Flux Contribute to Lipotoxicity in the Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1534-1551.	6.1	170
12	Chiral amino acid metabolomics for novel biomarker screening in the prognosis of chronic kidney disease. <i>Scientific Reports</i> , 2016, 6, 26137.	3.3	162
13	Autophagy and kidney inflammation. <i>Autophagy</i> , 2017, 13, 997-1003.	9.1	154
14	Immunologic manifestations of autophagy. <i>Journal of Clinical Investigation</i> , 2015, 125, 75-84.	8.2	135
15	Pharmaceutical screen identifies novel target processes for activation of autophagy with a broad translational potential. <i>Nature Communications</i> , 2015, 6, 8620.	12.8	130
16	Autophagy Inhibits the Accumulation of Advanced Glycation End Products by Promoting Lysosomal Biogenesis and Function in the Kidney Proximal Tubules. <i>Diabetes</i> , 2017, 66, 1359-1372.	0.6	97
17	TRIM-directed selective autophagy regulates immune activation. <i>Autophagy</i> , 2017, 13, 989-990.	9.1	86
18	Time-dependent dysregulation of autophagy: Implications in aging and mitochondrial homeostasis in the kidney proximal tubule. <i>Autophagy</i> , 2016, 12, 801-813.	9.1	85

#	ARTICLE	IF	CITATIONS
19	Precision autophagy directed by receptor regulators “ emerging examples within the TRIM family. <i>Journal of Cell Science</i> , 2016, 129, 881-91.	2.0	81
20	Autophagy and the kidney: health and disease. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1639-1647.	0.7	73
21	Cellular and molecular mechanism for secretory autophagy. <i>Autophagy</i> , 2017, 13, 1084-1085.	9.1	71
22	TRIM proteins regulate autophagy: TRIM5 is a selective autophagy receptor mediating HIV-1 restriction. <i>Autophagy</i> , 2014, 10, 2387-2388.	9.1	64
23	D-Serine reflects kidney function and diseases. <i>Scientific Reports</i> , 2019, 9, 5104.	3.3	64
24	The protective role of autophagy against aging and acute ischemic injury in kidney proximal tubular cells. <i>Autophagy</i> , 2011, 7, 1085-1087.	9.1	56
25	Impact of Age and Overt Proteinuria on Outcomes of Stage 3 to 5 Chronic Kidney Disease in a Referred Cohort. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 1558-1565.	4.5	54
26	Three-Dimensional High-Performance Liquid Chromatographic Determination of Asn, Ser, Ala, and Pro Enantiomers in the Plasma of Patients with Chronic Kidney Disease. <i>Analytical Chemistry</i> , 2019, 91, 11569-11575.	6.5	54
27	Identification of biomarkers for development of end-stage kidney disease in chronic kidney disease by metabolomic profiling. <i>Scientific Reports</i> , 2016, 6, 26138.	3.3	50
28	Antioxidant role of autophagy in maintaining the integrity of glomerular capillaries. <i>Autophagy</i> , 2018, 14, 53-65.	9.1	49
29	Autophagic Clearance of Mitochondria in the Kidney Copes with Metabolic Acidosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2254-2266.	6.1	47
30	Lipophagy maintains energy homeostasis in the kidney proximal tubule during prolonged starvation. <i>Autophagy</i> , 2017, 13, 1629-1647.	9.1	47
31	Autophagy protects kidney proximal tubule epithelial cells from mitochondrial metabolic stress. <i>Autophagy</i> , 2013, 9, 1876-1886.	9.1	46
32	Cardiac troponin T predicts occult coronary artery stenosis in patients with chronic kidney disease at the start of renal replacement therapy. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 2936-2942.	0.7	43
33	Eicosapentaenoic acid attenuates renal lipotoxicity by restoring autophagic flux. <i>Autophagy</i> , 2021, 17, 1700-1713.	9.1	38
34	d-Amino acids and kidney diseases. <i>Clinical and Experimental Nephrology</i> , 2020, 24, 404-410.	1.6	38
35	Plasma B-type natriuretic peptide level predicts kidney prognosis in patients with predialysis chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 3885-3891.	0.7	36
36	Transient increase of fractional anisotropy in reversible vasogenic edema. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1731-1743.	4.3	27

#	ARTICLE	IF	CITATIONS
37	Metabolic effects of RUBCN/Rubicon deficiency in kidney proximal tubular epithelial cells. <i>Autophagy</i> , 2020, 16, 1889-1904.	9.1	20
38	HLA genotype-clinical phenotype correlations in multiple sclerosis and neuromyelitis optica spectrum disorders based on Japan MS/NMOSD Biobank data. <i>Scientific Reports</i> , 2021, 11, 607.	3.3	19
39	Assessment of Coronary Stenosis by a 16-Slice MDCT Scanner in Asymptomatic Diabetic Patients Starting Dialysis Therapy. <i>Nephron Clinical Practice</i> , 2008, 109, c72-c79.	2.3	14
40	Effects of chronic kidney disease and post-angiographic acute kidney injury on long-term prognosis after coronary artery angiography. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 1838-1846.	0.7	13
41	CD28 superagonist-induced regulatory T cell expansion ameliorates mesangioproliferative glomerulonephritis in rats. <i>Clinical and Experimental Nephrology</i> , 2011, 15, 50-57.	1.6	13
42	Dynamics of d-serine reflected the recovery course of a patient with rapidly progressive glomerulonephritis. <i>CEN Case Reports</i> , 2019, 8, 297-300.	0.9	12
43	Utility of d-serine monitoring in kidney disease. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140449.	2.3	12
44	d-Serine Mediates Cellular Proliferation for Kidney Remodeling. <i>Kidney360</i> , 2021, 2, 1611-1624.	2.1	11
45	Measurement of glomerular filtration rate using endogenous d-serine clearance in living kidney transplant donors and recipients. <i>EClinicalMedicine</i> , 2022, 43, 101223.	7.1	10
46	Drug repositioning trends in rare and intractable diseases. <i>Drug Discovery Today</i> , 2022, 27, 1789-1795.	6.4	10
47	Prognostic significance of left ventricular hypertrophy observed at dialysis initiation depends on the pre-dialysis use of erythropoiesis-stimulating agents. <i>Clinical and Experimental Nephrology</i> , 2013, 17, 294-303.	1.6	9
48	Intra-body dynamics of d-serine reflects the origin of kidney diseases. <i>Clinical and Experimental Nephrology</i> , 2021, 25, 893-901.	1.6	9
49	Laparoscopy Reveals a Diversity of Peritoneal Change in Patients with Long-Term Vintage of Peritoneal Dialysis. <i>Blood Purification</i> , 2016, 41, 48-54.	1.8	8
50	Early Nephrology Referral 6 Months Before Dialysis Initiation Can Reduce Early Death But Does Not Improve Long-Term Cardiovascular Outcome on Dialysis. <i>Circulation Journal</i> , 2016, 80, 1008-1016.	1.6	7
51	Severe adverse effects of 5-fluorouracil in S-1 were lessened by haemodialysis due to elimination of the drug. <i>CKJ: Clinical Kidney Journal</i> , 2009, 2, 152-154.	2.9	6
52	Effects of nicorandil on the reduction of BNP levels in patients with chronic kidney disease. <i>Clinical and Experimental Nephrology</i> , 2011, 15, 854-860.	1.6	6
53	Cardiac troponin T elevation at dialysis initiation is associated with all-cause and cardiovascular mortality on dialysis in patients without diabetic nephropathy. <i>Clinical and Experimental Nephrology</i> , 2017, 21, 333-341.	1.6	6
54	Prognostic Significance of Asymptomatic Brain Natriuretic Peptide Elevation at Nephrology Referral in Patients with Chronic Kidney Disease. <i>American Journal of Nephrology</i> , 2018, 48, 205-213.	3.1	6

#	ARTICLE	IF	CITATIONS
55	Exercise-induced acute kidney injury with reversible posterior leukoencephalopathy syndrome. <i>Clinical and Experimental Nephrology</i> , 2010, 14, 173-175.	1.6	5
56	Drug target gene-based analyses of drug repositionability in rare and intractable diseases. <i>Scientific Reports</i> , 2021, 11, 12338.	3.3	5
57	Identification of Diabetic Nephropathy in Patients Undergoing Kidney Biopsy through Blood and Urinary Profiles of d-Serine. <i>Kidney360</i> , 2021, 2, 1734-1742.	2.1	5
58	Influence of proteinuria on renal Doppler sonographic measurements in chronic kidney disease and in diabetes mellitus. <i>Journal of Clinical Ultrasound</i> , 2011, 39, 506-511.	0.8	4
59	Circulating extracellular vesicles carrying Firmicutes reflective of the local immune status may predict clinical response to pembrolizumab in urothelial carcinoma patients. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 2999-3011.	4.2	4
60	Haemorrhagic shock induced by subcutaneous insulin injection. <i>CKJ: Clinical Kidney Journal</i> , 2011, 4, 79-80.	2.9	2
61	Autophagy Guards Against Immunosuppression and Renal Ischemia-Reperfusion Injury in Renal Transplantation. , 2015, , 249-258.		0
62	Autophagy and Cancer. , 2017, , 237-244.		0
63	Reverse translational research of autophagy and metabolism in kidney disease: Oshima Award Address 2018. <i>Clinical and Experimental Nephrology</i> , 2019, 23, 733-738.	1.6	0
64	TRIM-mediated precision autophagy targets cytoplasmic regulators of innate immunity. <i>Journal of Experimental Medicine</i> , 2015, 212, 212100IA77.	8.5	0
65	Autophagy as a Protective Mechanism for Kidney Disease Progression. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2017, 106, 1206-1211.	0.0	0