

# Lakshman Gunaratnam

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

2,801  
citations

361296

20  
h-index

214721

47  
g-index

55  
all docs

55  
docs citations

55  
times ranked

4419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kidney injury molecule-1 is a phosphatidylserine receptor that confers a phagocytic phenotype on epithelial cells. <i>Journal of Clinical Investigation</i> , 2008, 118, 1657-1668.	3.9	613
2	Silencing of Epidermal Growth Factor Receptor Suppresses Hypoxia-Inducible Factor-2-Driven VHL <sup>-/-</sup> Renal Cancer. <i>Cancer Research</i> , 2005, 65, 5221-5230.	0.4	329
3	Translational up-regulation of the EGFR by tumor hypoxia provides a nonmutational explanation for its overexpression in human cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13092-13097.	3.3	247
4	HIF activation by pH-dependent nucleolar sequestration of VHL. <i>Nature Cell Biology</i> , 2004, 6, 642-647.	4.6	242
5	Hypoxia Inducible Factor Activates the Transforming Growth Factor- $\beta$ /Epidermal Growth Factor Receptor Growth Stimulatory Pathway in VHL <sup>-/-</sup> Renal Cell Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 44966-44974.	1.6	165
6	Apoptosis inhibitor of macrophage protein enhances intraluminal debris clearance and ameliorates acute kidney injury in mice. <i>Nature Medicine</i> , 2016, 22, 183-193.	15.2	161
7	HIF in Kidney Disease and Development. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 1877-1887.	3.0	133
8	Type I Diabetes and Multiple Sclerosis Patients Target Islet Plus Central Nervous System Autoantigens; Nonimmunized Nonobese Diabetic Mice Can Develop Autoimmune Encephalitis. <i>Journal of Immunology</i> , 2001, 166, 2831-2841.	0.4	84
9	Caspase-3 Is a Pivotal Regulator of Microvascular Rarefaction and Renal Fibrosis after Ischemia-Reperfusion Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1900-1916.	3.0	83
10	Regulation of ubiquitin ligase dynamics by the nucleolus. <i>Journal of Cell Biology</i> , 2005, 170, 733-744.	2.3	79
11	Multiple Acquired Renal Carcinoma Tumor Capabilities Abolished upon Silencing of ADAM17. <i>Cancer Research</i> , 2006, 66, 8083-8090.	0.4	65
12	Hydrogen Sulfide Treatment Mitigates Renal Allograft Ischemia-Reperfusion Injury during Cold Storage and Improves Early Transplant Kidney Function and Survival Following Allogeneic Renal Transplantation. <i>Journal of Urology</i> , 2015, 194, 1806-1815.	0.2	63
13	T Cells of Multiple Sclerosis Patients Target a Common Environmental Peptide that Causes Encephalitis in Mice. <i>Journal of Immunology</i> , 2001, 166, 4751-4756.	0.4	48
14	Kidney Injury Molecule-1 Protects against $\text{C}12$ Activation and Tissue Damage in Renal Ischemia-Reperfusion Injury. <i>American Journal of Pathology</i> , 2015, 185, 1207-1215.	1.9	48
15	Kidney injury molecule-1 expression in IgA nephropathy and its correlation with hypoxia and tubulointerstitial inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F885-F895.	1.3	41
16	$\text{C}12$ Stimulates Apoptosis in Epithelial Cells through JNK1-mediated Bcl-2 Degradation and Up-regulation of $\text{p}53$ . <i>Journal of Biological Chemistry</i> , 2007, 282, 24352-24363.	1.6	40
17	Oxygen Sensing by H <sup>+</sup> : Implications for HIF and Hypoxic Cell Memory. <i>Cell Cycle</i> , 2004, 3, 1025-1027.	1.3	30
18	Accelerated receptor shedding inhibits kidney injury molecule-1 (KIM-1)-mediated efferocytosis. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F205-F221.	1.3	28

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19	Cardiovascular magnetic resonance left ventricular strain in end-stage renal disease patients after kidney transplantation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 83.	1.6	24
20	G protein $\beta_{12}$ ( $G\beta_{12}$ ) is a negative regulator of kidney injury molecule-1-mediated efferocytosis. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F607-F620.	1.3	22
21	TGF- $\alpha$ as a candidate tumor antigen for renal cell carcinomas. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1207-1218.	2.0	21
22	TRIP-Br2 promotes oncogenesis in nude mice and is frequently overexpressed in multiple human tumors. <i>Journal of Translational Medicine</i> , 2009, 7, 8.	1.8	20
23	Peptide Dose, MHC Affinity, and Target Self-Antigen Expression Are Critical for Effective Immunotherapy of Nonobese Diabetic Mouse Prediabetes. <i>Journal of Immunology</i> , 2000, 165, 4086-4094.	0.4	18
24	Donor kidney injury molecule-1 promotes graft recovery by regulating systemic necroinflammation. <i>American Journal of Transplantation</i> , 2018, 18, 2021-2028.	2.6	16
25	New Answers to Old Conundrums. <i>Transplantation</i> , 2018, 102, 209-214.	0.5	16
26	Oxygen sensing by H $^{+}$ : implications for HIF and hypoxic cell memory. <i>Cell Cycle</i> , 2004, 3, 1027-9.	1.3	15
27	Identification of PP2A as a novel interactor and regulator of TRIP-Br1. <i>Cellular Signalling</i> , 2009, 21, 34-42.	1.7	13
28	Determinants of Left Ventricular Characteristics Assessed by Cardiac Magnetic Resonance Imaging and Cardiovascular Biomarkers Related to Kidney Transplantation. <i>Canadian Journal of Kidney Health and Disease</i> , 2018, 5, 205435811880997.	0.6	13
29	Growth differentiation factor 15 is decreased by kidney transplantation. <i>Clinical Biochemistry</i> , 2019, 73, 57-61.	0.8	13
30	Localized mandibular enlargement in end-stage renal disease: two case reports and a review of the literature. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 113, 384-390.	0.2	11
31	CRM1-mediated Nuclear Export Is Required for 26 S Proteasome-dependent Degradation of the TRIP-Br2 Proto-oncoprotein. <i>Journal of Biological Chemistry</i> , 2008, 283, 11661-11676.	1.6	10
32	Prevalence of Frailty in Patients Referred to the Kidney Transplant Waitlist. <i>Kidney360</i> , 2021, 2, 1287-1295.	0.9	10
33	Increased myofibrillar protein phosphatase-1 activity impairs rat aortic smooth muscle activation after hypoxia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H1182-H1189.	1.5	9
34	Recombinant apoptosis inhibitor of macrophage protein reduces delayed graft function in a murine model of kidney transplantation. <i>PLoS ONE</i> , 2021, 16, e0249838.	1.1	9
35	Tctex $\beta$ , a novel interaction partner of Kidney Injury Molecule $\beta$ , is required for efferocytosis. <i>Journal of Cellular Physiology</i> , 2018, 233, 6877-6895.	2.0	7
36	Dialysis Recovery Time: More Than Just Another Serum Albumin. <i>American Journal of Kidney Diseases</i> , 2014, 64, 7-9.	2.1	6

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37	Cardiac, renal, and central nervous system dysfunction with eosinophilia: eosinophilic granulomatosis with polyangiitis. <i>Lancet, The</i> , 2015, 385, 480.	6.3	6
38	Frailty and the Kidney Transplant Wait List: Protocol for a Multicenter Prospective Study. <i>Canadian Journal of Kidney Health and Disease</i> , 2020, 7, 205435812095743.	0.6	6
39	Mapping and functional characterization of murine kidney injury molecule-1 proteolytic cleavage site. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 1093-1108.	1.4	6
40	Kidney injury molecule-1 inhibits metastasis of renal cell carcinoma. <i>Scientific Reports</i> , 2021, 11, 11840.	1.6	5
41	Transplant renal artery stenosis secondary to mechanical compression from polycystic kidney disease: A case report. <i>Canadian Urological Association Journal</i> , 2013, 7, e251-3.	0.3	4
42	Patients with immunological diseases or on peritoneal dialysis are prone to false positive flow cytometry crossmatch. <i>Human Immunology</i> , 2019, 80, 487-492.	1.2	4
43	Heterotrimeric G $\alpha$ 12/13 proteins in kidney injury and disease. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, F660-F672.	1.3	4
44	Evaluation of left atrial remodeling in kidney transplant patients using cardiac magnetic resonance imaging. <i>Journal of Nephrology</i> , 2021, 34, 851-859.	0.9	3
45	Cardiac MRI assessment of the right ventricle pre-and post-kidney transplant. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1757-1766.	0.7	3
46	The Increase in Paraoxonase 1 Is Associated With Decrease in Left Ventricular Volume in Kidney Transplant Recipients. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 763389.	1.1	2
47	SARS-CoV-2 Vaccine Mandates for Patients on the Kidney Transplant Waitlist. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2022, , CJN.15611121.	2.2	2
48	A Canadian Study of Cisplatin Metabolomics and Nephrotoxicity (ACCENT): A Clinical Research Protocol. <i>Canadian Journal of Kidney Health and Disease</i> , 2021, 8, 205435812110577.	0.6	1
49	The Association of Pre-Transplant C-Peptide Level with the Development of Post-Transplant Diabetes: A Cohort Study. <i>Kidney360</i> , 0, 3, 10.34067/KID.0003742022.	0.9	1
50	De novo nephrolithiasis causing acute renal transplant dysfunction. <i>American Journal of Transplantation</i> , 2019, 19, 603-605.	2.6	0
51	Abstract 4604: Kidney injury molecule-1 regulates metastasis in renal cell carcinoma. , 2019, , .		0
52	Defective KIM-1 phagocytosis does not predispose to acute graft dysfunction after kidney transplantation in humans. <i>Kidney International</i> , 2022, , .	2.6	0