

Andreas Linkermann

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

135 papers	19,400 citations	51 h-index	139 g-index
159 ext. papers	25,095 ext. citations	11.4 avg, IF	6.68 L-index

#	Paper	IF	Citations
135	Mechanisms and Models of Kidney Tubular Necrosis and Nephron Loss.. <i>Journal of the American Society of Nephrology: JASN</i> , 2022 ,	12.7	2
134	Dipeptidase-1 governs renal inflammation during ischemia reperfusion injury.. <i>Science Advances</i> , 2022 , 8, eabm0142	14.3	2
133	Dexamethasone sensitizes to ferroptosis by glucocorticoid receptor-induced dipeptidase-1 expression and glutathione depletion.. <i>Science Advances</i> , 2022 , 8, eabl8920	14.3	2
132	Diabetes und Nierenerkrankungen bei COVID-19. <i>Diabetes Aktuell</i> , 2022 , 20, 18-21	0	
131	Targeting ferroptosis protects against experimental (multi)organ dysfunction and death.. <i>Nature Communications</i> , 2022 , 13, 1046	17.4	6
130	Rubicon-deficiency sensitizes mice to mixed lineage kinase domain-like (MLKL)-mediated kidney ischemia-reperfusion injury.. <i>Cell Death and Disease</i> , 2022 , 13, 236	9.8	1
129	Schwann cell necroptosis in diabetic neuropathy.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2204049119	11.5	0
128	Deficiency in X-linked inhibitor of apoptosis protein promotes susceptibility to microbial triggers of intestinal inflammation. <i>Science Immunology</i> , 2021 , 6, eabf7473	28	2
127	A tissue-bioengineering strategy for modeling rare human kidney diseases in vivo. <i>Nature Communications</i> , 2021 , 12, 6496	17.4	2
126	The key role of NLRP3 and STING in APOL1-associated podocytopathy. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	3
125	COVID-19 and metabolic disease: mechanisms and clinical management. <i>Lancet Diabetes and Endocrinology</i> , 2021 , 9, 786-798	18.1	33
124	The transCampus Metabolic Training Programme Explores the Link of SARS-CoV-2 Virus to Metabolic Disease. <i>Hormone and Metabolic Research</i> , 2021 , 53, 204-206	3.1	1
123	Anti-ferroptotic mechanism of IL4i1-mediated amino acid metabolism. <i>ELife</i> , 2021 , 10,	8.9	14
122	Is Differentially Expressed in Aldosterone-Producing Adenomas and Protects Human Adrenocortical Cells From Ferroptosis. <i>Hypertension</i> , 2021 , 77, 1647-1658	8.5	3
121	Viral infiltration of pancreatic islets in patients with COVID-19. <i>Nature Communications</i> , 2021 , 12, 3534	17.4	34
120	The role of regulated necrosis in endocrine diseases. <i>Nature Reviews Endocrinology</i> , 2021 , 17, 497-510	15.2	10
119	Dysfunction of the key ferroptosis-surveilling systems hypersensitizes mice to tubular necrosis during acute kidney injury. <i>Nature Communications</i> , 2021 , 12, 4402	17.4	22

118	SETDB1 is required for intestinal epithelial differentiation and the prevention of intestinal inflammation. <i>Gut</i> , 2021 , 70, 485-498	19.2	11
117	TYK2 licenses non-canonical inflammasome activation during endotoxemia. <i>Cell Death and Differentiation</i> , 2021 , 28, 748-763	12.7	5
116	A single genetic locus controls both expression of DPEP1/CHMP1A and kidney disease development via ferroptosis. <i>Nature Communications</i> , 2021 , 12, 5078	17.4	6
115	Loss of Cardiac Ferritin H Facilitates Cardiomyopathy via Slc7a11-Mediated Ferroptosis. <i>Circulation Research</i> , 2020 , 127, 486-501	15.7	113
114	Caspase-8-dependent gasdermin D cleavage promotes antimicrobial defense but confers susceptibility to TNF-induced lethality. <i>Science Advances</i> , 2020 , 6,	14.3	45
113	Beyond the Paradigm: Novel Functions of Renin-Producing Cells. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020 , 177, 53-81	2.9	4
112	Pathophysiology of Cancer Cell Death 2020 , 74-83.e4		2
111	Ferroptosis and Necroptosis in the Kidney. <i>Cell Chemical Biology</i> , 2020 , 27, 448-462	8.2	51
110	Ferroptosis as a target for protection against cardiomyopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 2672-2680	11.5	511
109	Don't trick me twice!. <i>Kidney International</i> , 2019 , 95, 736-738	9.9	3
108	HLA class II antibodies induce necrotic cell death in human endothelial cells via a lysosomal membrane permeabilization-mediated pathway. <i>Cell Death and Disease</i> , 2019 , 10, 235	9.8	12
107	The pathological features of regulated necrosis. <i>Journal of Pathology</i> , 2019 , 247, 697-707	9.4	70
106	Regulated Necrosis and Its Immunogenicity 2019 , 197-205.e1		2
105	Fundamental Mechanisms of Regulated Cell Death and Implications for Heart Disease. <i>Physiological Reviews</i> , 2019 , 99, 1765-1817	47.9	221
104	Mitochondria Permeability Transition versus Necroptosis in Oxalate-Induced AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 1857-1869	12.7	45
103	Exquisite sensitivity of adrenocortical carcinomas to induction of ferroptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 22269-22274	11.5	49
102	Gasdermin D and pyroptosis in acute kidney injury. <i>Kidney International</i> , 2019 , 96, 1061-1063	9.9	12
101	Ferroptotic cell death and TLR4/Trif signaling initiate neutrophil recruitment after heart transplantation. <i>Journal of Clinical Investigation</i> , 2019 , 129, 2293-2304	15.9	133

100	Prominin-2 Suppresses Ferroptosis Sensitivity. <i>Developmental Cell</i> , 2019 , 51, 548-549	10.2	10
99	The clinical relevance of necroinflammation-highlighting the importance of acute kidney injury and the adrenal glands. <i>Cell Death and Differentiation</i> , 2019 , 26, 68-82	12.7	18
98	Determination of the Subcellular Localization and Mechanism of Action of Ferrostatins in Suppressing Ferroptosis. <i>ACS Chemical Biology</i> , 2018 , 13, 1013-1020	4.9	126
97	Phenytoin inhibits necroptosis. <i>Cell Death and Disease</i> , 2018 , 9, 359	9.8	30
96	Cell death-based approaches in treatment of the urinary tract-associated diseases: a fight for survival in the killing fields. <i>Cell Death and Disease</i> , 2018 , 9, 118	9.8	9
95	Immunological consequences of kidney cell death. <i>Cell Death and Disease</i> , 2018 , 9, 114	9.8	43
94	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
93	TWEAK and RIPK1 mediate a second wave of cell death during AKI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4182-4187	11.5	64
92	Origin and Consequences of Necroinflammation. <i>Physiological Reviews</i> , 2018 , 98, 727-780	47.9	99
91	Assessment of In Vivo Kidney Cell Death: Acute Kidney Injury. <i>Methods in Molecular Biology</i> , 2018 , 1857, 135-144	1.4	3
90	Assessment of In Vivo Kidney Cell Death: Glomerular Injury. <i>Methods in Molecular Biology</i> , 2018 , 1857, 145-151	1.4	
89	The enhanced susceptibility of ADAM-17 hypomorphic mice to DSS-induced colitis is not ameliorated by loss of RIPK3, revealing an unexpected function of ADAM-17 in necroptosis. <i>Oncotarget</i> , 2018 , 9, 12941-12958	3.3	8
88	TBK1 and IKK β prevent TNF-induced cell death by RIPK1 phosphorylation. <i>Nature Cell Biology</i> , 2018 , 20, 1389-1399	23.4	115
87	The protective role of macrophage migration inhibitory factor in acute kidney injury after cardiac surgery. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	49
86	Ferroptosis-inducing agents compromise in vitro human islet viability and function. <i>Cell Death and Disease</i> , 2018 , 9, 595	9.8	46
85	Regulated Cell Death Seen through the Lens of Islet Transplantation. <i>Cell Transplantation</i> , 2018 , 27, 890-901	4.0	24
84	Cell Death Pathways Drive Necroinflammation during Acute Kidney Injury. <i>Nephron</i> , 2018 , 140, 144-147	3.3	22
83	Ferroptosis, but Not Necroptosis, Is Important in Nephrotoxic Folic Acid-Induced AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 218-229	12.7	199

82	Back to the roots of regulated necrosis. <i>Journal of Cell Biology</i> , 2017 , 216, 303-304	7.3	4
81	Gimme a complex! Resident mononuclear phagocytes in the kidney as monitors of circulating antigens and immune complexes. <i>Kidney International</i> , 2017 , 91, 267-269	9.9	1
80	Role of CCL20 mediated immune cell recruitment in NF- κ B mediated TRAIL resistance of pancreatic cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017 , 1864, 782-796	4.9	21
79	The in vivo evidence for regulated necrosis. <i>Immunological Reviews</i> , 2017 , 277, 128-149	11.3	67
78	ESCRT-III Acts Downstream of MLKL to Regulate Necroptotic Cell Death and Its Consequences. <i>Cell</i> , 2017 , 169, 286-300.e16	56.2	327
77	Novel Application of Localized Nanodelivery of Anti-Interleukin-6 Protects Organ Transplant From Ischemia-Reperfusion Injuries. <i>American Journal of Transplantation</i> , 2017 , 17, 2326-2337	8.7	22
76	Testing the Efficacy of Contrast-Enhanced Ultrasound in Detecting Transplant Rejection Using a Murine Model of Heart Transplantation. <i>American Journal of Transplantation</i> , 2017 , 17, 1791-1801	8.7	8
75	Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease. <i>Cell</i> , 2017 , 171, 273-285	56.2	1985
74	Necroptosis controls NET generation and mediates complement activation, endothelial damage, and autoimmune vasculitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E9618-E9625	11.5	133
73	Sorafenib tosylate inhibits directly necrosome complex formation and protects in mouse models of inflammation and tissue injury. <i>Cell Death and Disease</i> , 2017 , 8, e2904	9.8	47
72	Ca signals, cell membrane disintegration, and activation of TMEM16F during necroptosis. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 173-181	10.3	32
71	P2X ₁ , P2X ₂ , and P2X ₃ Receptor Knock Out Mice Expose Differential Outcome of Sepsis Induced by α -Haemolysin Producing. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 113	5.9	31
70	Necroinflammation in Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 27-39	12.7	127
69	DAMP-Induced Allograft and Tumor Rejection: The Circle Is Closing. <i>American Journal of Transplantation</i> , 2016 , 16, 3322-3337	8.7	51
68	Welcome to the Jungle: The Kidney during Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 649-50	10.2	1
67	Transplantation and Damage-Associated Molecular Patterns (DAMPs). <i>American Journal of Transplantation</i> , 2016 , 16, 3338-3361	8.7	90
66	The necroptosis-inducing kinase RIPK3 dampens adipose tissue inflammation and glucose intolerance. <i>Nature Communications</i> , 2016 , 7, 11869	17.4	43
65	An Overview of Pathways of Regulated Necrosis in Acute Kidney Injury. <i>Seminars in Nephrology</i> , 2016 , 36, 139-52	4.8	49

64	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
63	Redox homeostasis, T cells and kidney diseases: three faces in the dark. <i>CKJ: Clinical Kidney Journal</i> , 2016 , 9, 1-10	4.5	8
62	Post-bone marrow transplant thrombotic microangiopathy. <i>Bone Marrow Transplantation</i> , 2016 , 51, 891-7	4.4	19
61	"Death is my Heir"--Ferroptosis Connects Cancer Pharmacogenomics and Ischemia-Reperfusion Injury. <i>Cell Chemical Biology</i> , 2016 , 23, 202-203	8.2	34
60	Cytotoxicity of crystals involves RIPK3-MLKL-mediated necroptosis. <i>Nature Communications</i> , 2016 , 7, 10274	17.4	157
59	Nonapoptotic cell death in acute kidney injury and transplantation. <i>Kidney International</i> , 2016 , 89, 46-57	9.9	77
58	The pseudokinase MLKL mediates programmed hepatocellular necrosis independently of RIPK3 during hepatitis. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4346-4360	15.9	98
57	Excess sphingomyelin disturbs ATG9A trafficking and autophagosome closure. <i>Autophagy</i> , 2016 , 12, 833-49	10.2	43
56	Noncanonical autophagy inhibits the autoinflammatory, lupus-like response to dying cells. <i>Nature</i> , 2016 , 533, 115-9	50.4	285
55	Generation of small molecules to interfere with regulated necrosis. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 2251-67	10.3	52
54	This thought is as a death. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 2123-4	10.3	1
53	PMA and crystal-induced neutrophil extracellular trap formation involves RIPK1-RIPK3-MLKL signaling. <i>European Journal of Immunology</i> , 2016 , 46, 223-9	6.1	135
52	Bedeutung regulierter Zelltodprogramme für die Transplantation solider Organe. <i>Der Nephrologe</i> , 2015 , 10, 100-106	0.1	
51	T cell metabolism. The protein LEM promotes CD8+ T cell immunity through effects on mitochondrial respiration. <i>Science</i> , 2015 , 348, 995-1001	33.3	38
50	Take my breath away: necrosis in kidney transplants kills the lungs!. <i>Kidney International</i> , 2015 , 87, 680-2	9.9	6
49	Role of necroptosis in the pathogenesis of solid organ injury. <i>Cell Death and Disease</i> , 2015 , 6, e1975	9.8	91
48	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015 , 22, 58-73	12.7	643
47	A cellular screen identifies ponatinib and pazopanib as inhibitors of necroptosis. <i>Cell Death and Disease</i> , 2015 , 6, e1767	9.8	112

46	Inhibition of insulin/IGF-1 receptor signaling protects from mitochondria-mediated kidney failure. <i>EMBO Molecular Medicine</i> , 2015 , 7, 275-87	12	50
45	Molecular mechanisms of regulated necrosis. <i>Seminars in Cell and Developmental Biology</i> , 2014 , 35, 24-32	7.5	170
44	Regulated necrosis: the expanding network of non-apoptotic cell death pathways. <i>Nature Reviews Molecular Cell Biology</i> , 2014 , 15, 135-47	48.7	1063
43	Necroptosis. <i>New England Journal of Medicine</i> , 2014 , 370, 455-65	59.2	709
42	Synchronized renal tubular cell death involves ferroptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16836-41	11.5	519
41	Regulated cell death and inflammation: an auto-amplification loop causes organ failure. <i>Nature Reviews Immunology</i> , 2014 , 14, 759-67	36.5	291
40	Regulated cell death in AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 2689-701	12.7	291
39	Ferrostatis inhibit oxidative lipid damage and cell death in diverse disease models. <i>Journal of the American Chemical Society</i> , 2014 , 136, 4551-6	16.4	456
38	Phosphorylated MLKL causes plasma membrane rupture. <i>Molecular and Cellular Oncology</i> , 2014 , 1, e29915	15	6
37	Regulierte Nekrose – Ein pathophysiologisches Prinzip des akuten Nierenversagens. <i>Dialyse Aktuell</i> , 2014 , 18, 430-433	0.1	
36	RIP3, a kinase promoting necroptotic cell death, mediates adverse remodelling after myocardial infarction. <i>Cardiovascular Research</i> , 2014 , 103, 206-16	9.9	198
35	The Potential Role of Necroptosis in Diseases	2014 , 1-21	1
34	TNF-induced necroptosis and PARP-1-mediated necrosis represent distinct routes to programmed necrotic cell death. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 331-48	10.3	131
33	Immunsuppressive Therapie nach Nierentransplantation. <i>Der Nephrologe</i> , 2013 , 8, 217-225	0.1	2
32	RIPK3-mediated necroptosis promotes donor kidney inflammatory injury and reduces allograft survival. <i>American Journal of Transplantation</i> , 2013 , 13, 2805-18	8.7	150
31	Necroptosis in immunity and ischemia-reperfusion injury. <i>American Journal of Transplantation</i> , 2013 , 13, 2797-804	8.7	125
30	Widespread mitochondrial depletion via mitophagy does not compromise necroptosis. <i>Cell Reports</i> , 2013 , 5, 878-85	10.6	210
29	The RIP1-kinase inhibitor necrostatin-1 prevents osmotic nephrosis and contrast-induced AKI in mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 1545-57	12.7	89

28	The authors reply. <i>Kidney International</i> , 2013 , 83, 531	9.9	1
27	Two independent pathways of regulated necrosis mediate ischemia-reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 12024-9	11.5	391
26	The APOL1 genotype of African American kidney transplant recipients does not impact 5-year allograft survival. <i>American Journal of Transplantation</i> , 2012 , 12, 1924-8	8.7	127
25	Rip1 (receptor-interacting protein kinase 1) mediates necroptosis and contributes to renal ischemia/reperfusion injury. <i>Kidney International</i> , 2012 , 81, 751-61	9.9	312
24	The novel therapeutic effect of phosphoinositide 3-kinase- γ inhibitor AS605240 in autoimmune diabetes. <i>Diabetes</i> , 2012 , 61, 1509-18	0.9	27
23	Dichotomy between RIP1- and RIP3-mediated necroptosis in tumor necrosis factor- β -induced shock. <i>Molecular Medicine</i> , 2012 , 18, 577-86	6.2	109
22	Donor antioxidant strategy prolongs cardiac allograft survival by attenuating tissue dendritic cell immunogenicity. <i>American Journal of Transplantation</i> , 2011 , 11, 348-55	8.7	17
21	Renal tubular Fas ligand mediates fratricide in cisplatin-induced acute kidney failure. <i>Kidney International</i> , 2011 , 79, 169-78	9.9	49
20	Nierentransplantation [Besonderheiten bei älteren Dialysepatienten. <i>Dialyse Aktuell</i> , 2011 , 15, 568-575	0.1	
19	A novel clinically relevant strategy to abrogate autoimmunity and regulate alloimmunity in NOD mice. <i>Diabetes</i> , 2010 , 59, 2253-64	0.9	56
18	Effective blockage of both the extrinsic and intrinsic pathways of apoptosis in mice by TAT-crma. <i>Journal of Biological Chemistry</i> , 2010 , 285, 19997-20005	5.4	22
17	Orale Tolvaptan-Therapie. <i>Der Nephrologe</i> , 2010 , 5, 239-241	0.1	3
16	The adapter protein Nck: role of individual SH3 and SH2 binding modules for protein interactions in T lymphocytes. <i>Protein Science</i> , 2010 , 19, 658-69	6.3	30
15	Identification of interaction partners for individual SH3 domains of Fas ligand associated members of the PCH protein family in T lymphocytes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009 , 1794, 168-76	4	22
14	Organ recipients suffering from undifferentiated neuroendocrine small-cell carcinoma of donor origin: a case report. <i>Transplantation Proceedings</i> , 2009 , 41, 2639-42	1.1	9
13	Metabolic and immunological features of the failing islet-transplanted patient. <i>Diabetes Care</i> , 2008 , 31, 436-8	14.6	22
12	Tolvaptan ist ein selektiver oraler Vasopressin-V2-Rezeptor-Antagonist für die Therapie der Hyponatriämie. <i>Der Nephrologe</i> , 2007 , 2, 121-123	0.1	
11	Characterization of donor dendritic cells and enhancement of dendritic cell efflux with CC-chemokine ligand 21: a novel strategy to prolong islet allograft survival. <i>Diabetes</i> , 2007 , 56, 912-20	0.9	36

10	The adaptor protein Nck interacts with Fas ligand: Guiding the death factor to the cytotoxic immunological synapse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 5911-6	11.5	56
9	Retrograde Fas Ligand Signaling 2006 , 97-102		
8	Considering Fas ligand as a target for therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2005 , 9, 119-34	6.4	37
7	Slowly getting a clue on CD95 ligand biology. <i>Biochemical Pharmacology</i> , 2003 , 66, 1417-26	6	22
6	The Fas ligand as a cell death factor and signal transducer. <i>Signal Transduction</i> , 2003 , 3, 33-46		14
5	CD95 ligand--death factor and costimulatory molecule?. <i>Cell Death and Differentiation</i> , 2003 , 10, 1215-25	12.7	65
4	The role of CC chemokine receptor 5 (CCR5) in islet allograft rejection. <i>Diabetes</i> , 2002 , 51, 2489-95	0.9	76
3	The role of autoimmunity in islet allograft destruction: major histocompatibility complex class II matching is necessary for autoimmune destruction of allogeneic islet transplants after T-cell costimulatory blockade. <i>Diabetes</i> , 2002 , 51, 3202-10	0.9	55
2	Angiotensin gene polymorphism as a determinant of posttransplantation renal dysfunction and hypertension. <i>Transplantation</i> , 2001 , 72, 726-9	1.8	38
1	Induction of ferroptosis selectively eliminates senescent tubular cells. <i>American Journal of Transplantation</i> ,	8.7	2