

Hermann-Josef Gräßle

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

5,269
citations

71102

41
h-index

91884

69
g-index

96
all docs

96
docs citations

96
times ranked

8689
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of a novel EGFP reporter mouse to monitor Cre recombination as demonstrated by a Tie2 Cre mouse line. <i>Genesis</i> , 2001, 30, 36-44.	1.6	254
2	Loss of FFA2 and FFA3 increases insulin secretion and improves glucose tolerance in type 2 diabetes. <i>Nature Medicine</i> , 2015, 21, 173-177.	30.7	251
3	Metformin reduces vascular and tubular damage during acute renal transplant rejection: blocking monocyte arrest and recruitment. <i>FASEB Journal</i> , 1999, 13, 1371-1383.	0.5	231
4	Immunohistochemical evidence for the myeloperoxidase/H ₂ O ₂ /halide system in human atherosclerotic lesions. <i>FEBS Journal</i> , 2000, 267, 4495-4503.	0.2	219
5	Crosstalk between Sentinel and Helper Macrophages Permits Neutrophil Migration into Infected Uroepithelium. <i>Cell</i> , 2014, 156, 456-468.	28.9	203
6	Small proteoglycans in human diabetic nephropathy: discrepancy between glomerular expression and protein accumulation of decorin, biglycan, lumican, and fibromodulin. <i>FASEB Journal</i> , 2001, 15, 559-561.	0.5	182
7	Cell-specific deletion of glucosylceramide synthase in brain leads to severe neural defects after birth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12459-12464.	7.1	181
8	Obstructive Nephropathy in the Mouse. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 1173-1187.	6.1	157
9	The cytosolic tRNA methyltransferase Dnmt2 is required for accurate polypeptide synthesis during haematopoiesis. <i>EMBO Journal</i> , 2015, 34, 2350-2362.	7.8	154
10	Queuosine-modified tRNAs confer nutritional control of protein translation. <i>EMBO Journal</i> , 2018, 37, .	7.8	134
11	Absolute quantification of donor-derived cell-free DNA as a marker of rejection and graft injury in kidney transplantation: Results from a prospective observational study. <i>American Journal of Transplantation</i> , 2019, 19, 3087-3099.	4.7	125
12	Oxidant stress in hyperlipidemia-induced renal damage. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 278, F63-F74.	2.7	122
13	Association between urinary dickkopf-3, acute kidney injury, and subsequent loss of kidney function in patients undergoing cardiac surgery: an observational cohort study. <i>Lancet, The</i> , 2019, 394, 488-496.	13.7	108
14	Effects of CTGF Blockade on Attenuation and Reversal of Radiation-Induced Pulmonary Fibrosis. <i>Journal of the National Cancer Institute</i> , 2017, 109, .	6.3	106
15	Integrity and Barrier Function of the Epidermis Critically Depend on Glucosylceramide Synthesis. <i>Journal of Biological Chemistry</i> , 2007, 282, 3083-3094.	3.4	105
16	Atrasentan Reduces Albuminuria by Restoring the Glomerular Endothelial Glycocalyx Barrier in Diabetic Nephropathy. <i>Diabetes</i> , 2016, 65, 2429-2439.	0.6	101
17	Male Germ Cells Require Polyenoic Sphingolipids with Complex Glycosylation for Completion of Meiosis. <i>Journal of Biological Chemistry</i> , 2008, 283, 13357-13369.	3.4	100
18	CaMKII mediates maladaptive post-infarct remodeling and pro-inflammatory chemoattractant signaling but not acute myocardial ischemia/reperfusion injury. <i>EMBO Molecular Medicine</i> , 2014, 6, 1231-1245.	6.9	94

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19	A proteolytic fragment of histone deacetylase 4 protects the heart from failure by regulating the hexosamine biosynthetic pathway. <i>Nature Medicine</i> , 2018, 24, 62-72.	30.7	88
20	Detection of Activated Parietal Epithelial Cells on the Glomerular Tuft Distinguishes Early Focal Segmental Glomerulosclerosis from Minimal Change Disease. <i>American Journal of Pathology</i> , 2014, 184, 3239-3248.	3.8	81
21	O-GlcNAcylation of Histone Deacetylase 4 Protects the Diabetic Heart From Failure. <i>Circulation</i> , 2019, 140, 580-594.	1.6	77
22	Dickkopf-3 (DKK3) in Urine Identifies Patients with Short-Term Risk of eGFR Loss. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2722-2733.	6.1	73
23	Chemokine and Chemokine Receptor Expression during Initiation and Resolution of Immune Complex Glomerulonephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 919-931.	6.1	73
24	Immunohistochemical Detection of Hypochlorite-Modified Proteins in Glomeruli of Human Membranous Glomerulonephritis. <i>Laboratory Investigation</i> , 2002, 82, 5-14.	3.7	70
25	Neuronal Expression of Glucosylceramide Synthase in Central Nervous System Regulates Body Weight and Energy Homeostasis. <i>PLoS Biology</i> , 2013, 11, e1001506.	5.6	68
26	Integration of Cistromic and Transcriptomic Analyses Identifies Nphs2, Mafk, and Magi2 as Wilms's Tumor 1 Target Genes in Podocyte Differentiation and Maintenance. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2118-2128.	6.1	67
27	Common histological patterns in glomerular epithelial cells in secondary focal segmental glomerulosclerosis. <i>Kidney International</i> , 2015, 88, 990-998.	5.2	57
28	Protective Vaccination against Papillomavirus-Induced Skin Tumors under Immunocompetent and Immunosuppressive Conditions: A Preclinical Study Using a Natural Outbred Animal Model. <i>PLoS Pathogens</i> , 2014, 10, e1003924.	4.7	56
29	Semaphorin-Plexin Signaling Controls Mitotic Spindle Orientation during Epithelial Morphogenesis and Repair. <i>Developmental Cell</i> , 2015, 33, 299-313.	7.0	56
30	Glomerular Function and Structural Integrity Depend on Hyaluronan Synthesis by Glomerular Endothelium. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1886-1897.	6.1	55
31	Zeb1 affects epithelial cell adhesion by diverting glycosphingolipid metabolism. <i>EMBO Reports</i> , 2015, 16, 321-331.	4.5	54
32	Sulfatides are required for renal adaptation to chronic metabolic acidosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9998-10003.	7.1	53
33	Male meiotic cytokinesis requires ceramide synthase 3-dependent sphingolipids with unique membrane anchors. <i>Human Molecular Genetics</i> , 2015, 24, 4792-4808.	2.9	51
34	Novel parietal epithelial cell subpopulations contribute to focal segmental glomerulosclerosis and glomerular tip lesions. <i>Kidney International</i> , 2019, 96, 80-93.	5.2	50
35	Spatial and Temporally Restricted Expression of Chemokines and Chemokine Receptors in the Developing Human Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 957-967.	6.1	50
36	The interplay of UV and cutaneous papillomavirus infection in skin cancer development. <i>PLoS Pathogens</i> , 2017, 13, e1006723.	4.7	48

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37	Differentiation of epidermal keratinocytes is dependent on glucosylceramide:ceramide processing. <i>Human Molecular Genetics</i> , 2013, 22, 4164-4179.	2.9	47
38	Investigations of Glucocorticoid Action in GN. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1408-1420.	6.1	46
39	Anti-VEGFR-2 scFvs for Cell Isolation. Single-Chain Antibodies Recognizing the Human Vascular Endothelial Growth Factor Receptor-2 (VEGFR-2/flk-1) on the Surface of Primary Endothelial Cells and Preselected CD34+ Cells from Cord Blood. <i>Stem Cells</i> , 2001, 19, 24-36.	3.2	44
40	Adipocyte-specific Inactivation of Acyl-CoA Synthetase Fatty Acid Transport Protein 4 (Fatp4) in Mice Causes Adipose Hypertrophy and Alterations in Metabolism of Complex Lipids under High Fat Diet. <i>Journal of Biological Chemistry</i> , 2011, 286, 35578-35587.	3.4	44
41	Glycosphingolipids Are Essential for Intestinal Endocytic Function. <i>Journal of Biological Chemistry</i> , 2012, 287, 32598-32616.	3.4	44
42	Inducible cardiomyocyte-specific deletion of CaM kinase II protects from pressure overload-induced heart failure. <i>Basic Research in Cardiology</i> , 2016, 111, 65.	5.9	44
43	Rbpj expression in regulatory T cells is critical for restraining TH2 responses. <i>Nature Communications</i> , 2019, 10, 1621.	12.8	41
44	Dickkopf-3, a Tissue-Derived Modulator of Local T-Cell Responses. <i>Frontiers in Immunology</i> , 2015, 6, 78.	4.8	40
45	L-Arginine Supplementation Improves Function and Reduces Inflammation in Renal Allografts. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 361-367.	6.1	39
46	Hepatic glycosphingolipid deficiency and liver function in mice. <i>Hepatology</i> , 2010, 51, 1799-1809.	7.3	38
47	Globosides but Not Isoglobosides Can Impact the Development of Invariant NKT Cells and Their Interaction with Dendritic Cells. <i>Journal of Immunology</i> , 2012, 189, 3007-3017.	0.8	38
48	Diastereomer-specific quantification of bioactive hexosylceramides from bacteria and mammals. <i>Journal of Lipid Research</i> , 2017, 58, 1247-1258.	4.2	36
49	Bacterial immunogenic \hat{L} -galactosylceramide identified in the murine large intestine: dependency on diet and inflammation. <i>Journal of Lipid Research</i> , 2019, 60, 1892-1904.	4.2	32
50	Vasopeptidase Inhibition Restores Renovascular Endothelial Dysfunction in Salt-Induced Hypertension. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 2280-2287.	6.1	32
51	Immunosuppression and Aberrant T Cell Development in the Absence of N-Myristoylation. <i>Journal of Immunology</i> , 2015, 195, 4228-4243.	0.8	31
52	Renal outcomes of STOP-IgAN trial patients in relation to baseline histology (MEST-C scores). <i>BMC Nephrology</i> , 2018, 19, 328.	1.8	31
53	The Molecular Phenotype of Endocapillary Proliferation: Novel Therapeutic Targets for IgA Nephropathy. <i>PLoS ONE</i> , 2014, 9, e103413.	2.5	30
54	Essential role of sympathetic endothelin A receptors for adverse cardiac remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13499-13504.	7.1	30

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55	Lipid microdomain modification sustains neuronal viability in models of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2016, 4, 103.	5.2	30
56	Fasting-Induced Lipolysis and Hypothalamic Insulin Signaling Are Regulated by Neuronal Glucosylceramide Synthase. <i>Diabetes</i> , 2015, 64, 3363-3376.	0.6	29
57	Developmental vascular remodeling defects and postnatal kidney failure in mice lacking Gpr116 (Adgrf5) and Etd1 (Adgrl4). <i>PLoS ONE</i> , 2017, 12, e0183166.	2.5	29
58	Quantitative imaging mass spectrometry of renal sulfatides: validation by classical mass spectrometric methods. <i>Journal of Lipid Research</i> , 2014, 55, 2343-2353.	4.2	27
59	Comprehensive plasma and tissue profiling reveals systemic metabolic alterations in cardiac hypertrophy and failure. <i>Cardiovascular Research</i> , 2019, 115, 1296-1305.	3.8	26
60	Dickkopf-3 Acts as a Modulator of B Cell Fate and Function. <i>Journal of Immunology</i> , 2015, 194, 2624-2634.	0.8	25
61	Biallelic Expression of Mucin-1 in Autosomal Dominant Tubulointerstitial Kidney Disease: Implications for Nongenetic Disease Recognition. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2298-2309.	6.1	25
62	The atypical chemokine receptor 2 limits renal inflammation and fibrosis in murine progressive immune complex glomerulonephritis. <i>Kidney International</i> , 2018, 93, 826-841.	5.2	24
63	Renal sulfatides: sphingoid base-dependent localization and region-specific compensation of CerS2-dysfunction. <i>Journal of Lipid Research</i> , 2014, 55, 2354-2369.	4.2	23
64	Advanced electron microscopic techniques provide a deeper insight into the peculiar features of podocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F1082-F1089.	2.7	23
65	Analysis of FOXP3+ regulatory T cell subpopulations in peripheral blood and tissue of patients with systemic lupus erythematosus. <i>Immunologic Research</i> , 2017, 65, 551-563.	2.9	23
66	The angiotensin II type 2 receptors protect renal tubule mitochondria in early stages of diabetes mellitus. <i>Kidney International</i> , 2018, 94, 937-950.	5.2	23
67	Endothelial Notch signaling controls insulin transport in muscle. <i>EMBO Molecular Medicine</i> , 2020, 12, e09271.	6.9	23
68	Inhibition of hepatocellular carcinoma growth by blockade of glycosphingolipid synthesis. <i>Oncotarget</i> , 2017, 8, 109201-109216.	1.8	23
69	Lymphangiogenesis in a mouse model of renal transplant rejection extends life span of the recipients. <i>Kidney International</i> , 2020, 97, 89-94.	5.2	22
70	Renal globotriaosylceramide facilitates tubular albumin absorption and its inhibition protects against acute kidney injury. <i>Kidney International</i> , 2019, 96, 327-341.	5.2	21
71	Glucosylceramide Synthase Is Involved in Development of Invariant Natural Killer T Cells. <i>Frontiers in Immunology</i> , 2017, 8, 848.	4.8	20
72	The hormetic functions of Wnt pathways in tubular injury. <i>Pflügers Archiv European Journal of Physiology</i> , 2017, 469, 899-906.	2.8	17

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73	Trends of renal diseases in Germany: review of a regional renal biopsy database from 1990 to 2013. CKJ: Clinical Kidney Journal, 2019, 12, 795-800.	2.9	17
74	The Atypical Chemokine Receptor 2 Limits Progressive Fibrosis after Acute Ischemic Kidney Injury. American Journal of Pathology, 2019, 189, 231-247.	3.8	17
75	Inflammation leads through <sc>PGE</sc> / <sc>EP</sc> ₃ signaling to <sc>HDAC</sc> 5/ <sc>MEF</sc> 2â€dependent transcription in cardiac myocytes. EMBO Molecular Medicine, 2018, 10, .	6.9	16
76	ADP-dependent glucokinase regulates energy metabolism via ER-localized glucose sensing. Scientific Reports, 2019, 9, 14248.	3.3	15
77	ALCAM a novel biomarker in patients with type 2 diabetes mellitus complicated with diabetic nephropathy. Journal of Diabetes and Its Complications, 2017, 31, 1058-1065.	2.3	14
78	Hyperosmolarity impedes the cross-priming competence of dendritic cells in a TRIF-dependent manner. Scientific Reports, 2017, 7, 311.	3.3	14
79	Uromodulin-related autosomal-dominant tubulointerstitial kidney diseaseâ€™ pathogenetic insights based on a case. CKJ: Clinical Kidney Journal, 2019, 12, 172-179.	2.9	14
80	Kidney Injury by Variants in the COL4A5 Gene Aggravated by Polymorphisms in Slit Diaphragm Genes Causes Focal Segmental Glomerulosclerosis. International Journal of Molecular Sciences, 2019, 20, 519.	4.1	13
81	Impact of AMP-Activated Protein Kinase Î±1 Deficiency on Tissue Injury following Unilateral Ureteral Obstruction. PLoS ONE, 2015, 10, e0135235.	2.5	12
82	Distinct roles of Tâ€cell lymphopenia and the microbial flora for gastrointestinal and CNS autoimmunity. FASEB Journal, 2016, 30, 1724-1732.	0.5	10
83	Gangliosides modulate insulin secretion by pancreatic beta cells under glucose stress. Glycobiology, 2020, 30, 722-734.	2.5	9
84	CaM Kinase II-Î³ Is Required for Diabetic Hyperglycemia and Retinopathy but Not Nephropathy. Diabetes, 2021, 70, 616-626.	0.6	9
85	Glomerulonephritis triggered by a chronically infected left ventricular assist device. Lancet, The, 2015, 386, 2363-2364.	13.7	8
86	Toxicity of terflunomide in aryl hydrocarbon receptor deficient mice. Biochemical Pharmacology, 2015, 98, 484-492.	4.4	8
87	Ezetimibe reduces cholesterol content and NF-kappaB activation in liver but not in intestinal tissue in guinea pigs. Journal of Inflammation, 2017, 14, 3.	3.4	5
88	Deficiency of N-myristoylation reveals calcineurin activity as regulator of IFN-Î³-producing Î³Î³ T cells. Journal of Leukocyte Biology, 2017, 101, 1005-1014.	3.3	4
89	Preclinical evaluation of a diabody-based 177Lu-radioimmunoconjugate for CD22-directed radioimmunotherapy in a non-Hodgkin lymphoma mouse model. Cancer Letters, 2016, 381, 296-304.	7.2	3
90	Transcriptional profiling of dendritic cells matured in different osmolarities. Genomics Data, 2016, 7, 64-66.	1.3	2

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91	Unrecognized juvenile nephropathic cystinosis. <i>Kidney International</i> , 2018, 94, 1027.	5.2	2
92	Rat kidney lipid composition addressed by mass spectrometry imaging. <i>Kidney International</i> , 2016, 90, 1129-1130.	5.2	1
93	Nephron-specific knockin of the PIKfyve-binding-deficient <i>Vac14^{L156R}</i> mutant results in albuminuria and mesangial expansion. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1307-F1319.	2.7	1
94	IgM-MGUS and associated membranoproliferative glomerulonephritis during IVIG administration. <i>Annals of Hematology</i> , 2021, 100, 1087-1088.	1.8	1
95	LB06DKK3 IN URINE IDENTIFIES PATIENTS WITH PROGRESSIVE CHRONIC KIDNEY DISEASE. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i638-i638.	0.7	0
96	The proteoglycan biglycan enhances antigen-specific T cell activation potentially via MyD88 and TRIF pathways and triggers autoimmune perimyocarditis. <i>FASEB Journal</i> , 2012, 26, 136.3.	0.5	0