

# 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	IgM-MGUS and associated membranoproliferative glomerulonephritis during IVIG administration. <i>Annals of Hematology</i> , 2021, 100, 1087-1088.	1.8	1
2	CaM Kinase II- $\beta$ Is Required for Diabetic Hyperglycemia and Retinopathy but Not Nephropathy. <i>Diabetes</i> , 2021, 70, 616-626.	0.6	9
3	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
4	Endothelial Notch signaling controls insulin transport in muscle. <i>EMBO Molecular Medicine</i> , 2020, 12, e09271.	6.9	23
5	Gangliosides modulate insulin secretion by pancreatic beta cells under glucose stress. <i>Glycobiology</i> , 2020, 30, 722-734.	2.5	9
6	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
7	Bacterial immunogenic $\beta$ -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
8	ADP-dependent glucokinase regulates energy metabolism via ER-localized glucose sensing. <i>Scientific Reports</i> , 2019, 9, 14248.	3.3	15
9	Kidney Injury by Variants in the COL4A5 Gene Aggravated by Polymorphisms in Slit Diaphragm Genes Causes Focal Segmental Glomerulosclerosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 519.	4.1	13
10	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
11	O-GlcNAcylation of Histone Deacetylase 4 Protects the Diabetic Heart From Failure. <i>Circulation</i> , 2019, 140, 580-594.	1.6	77
12	Trends of renal diseases in Germany: review of a regional renal biopsy database from 1990 to 2013. <i>CKJ: Clinical Kidney Journal</i> , 2019, 12, 795-800.	2.9	17
13	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
14	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
15	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
16	Rbpj expression in regulatory T cells is critical for restraining TH2 responses. <i>Nature Communications</i> , 2019, 10, 1621.	12.8	41
17	Uromodulin-related autosomal-dominant tubulointerstitial kidney disease—pathogenetic insights based on a case. <i>CKJ: Clinical Kidney Journal</i> , 2019, 12, 172-179.	2.9	14
18	The Atypical Chemokine Receptor 2 Limits Progressive Fibrosis after Acute Ischemic Kidney Injury. <i>American Journal of Pathology</i> , 2019, 189, 231-247.	3.8	17

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19	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
20	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
21	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
22	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
23	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
24	Unrecognized juvenile nephropathic cystinosis. <i>Kidney International</i> , 2018, 94, 1027.	5.2	2
25	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
26	Nephron-specific knockin of the PIKfyve-binding-deficient Vac14 <sup>L156R</sup> mutant results in albuminuria and mesangial expansion. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1307-F1319.	2.7	1
27	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
28	Queuosine-modified tRNAs confer nutritional control of protein translation. <i>EMBO Journal</i> , 2018, 37, .	7.8	134
29	LB06DKK3 IN URINE IDENTIFIES PATIENTS WITH PROGRESSIVE CHRONIC KIDNEY DISEASE. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i638-i638.	0.7	0
30	Inflammation leads through PGE <sub>2</sub> / EP <sub>3</sub> signaling to HDAC5/MEF2-dependent transcription in cardiac myocytes. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	16
31	Deficiency of N-myristoylation reveals calcineurin activity as regulator of IFN- $\beta$ -producing $\beta$ 1 T cells. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1005-1014.	3.3	4
32	ALCAM a novel biomarker in patients with type 2 diabetes mellitus complicated with diabetic nephropathy. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1058-1065.	2.3	14
33	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
34	Investigations of Glucocorticoid Action in GN. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1408-1420.	6.1	46
35	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
36	Hyperosmolarity impedes the cross-priming competence of dendritic cells in a TRIF-dependent manner. <i>Scientific Reports</i> , 2017, 7, 311.	3.3	14

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37	Diastereomer-specific quantification of bioactive hexosylceramides from bacteria and mammals. <i>Journal of Lipid Research</i> , 2017, 58, 1247-1258.	4.2	36
38	The hormetic functions of Wnt pathways in tubular injury. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 899-906.	2.8	17
39	Ezetimibe reduces cholesterol content and NF-kappaB activation in liver but not in intestinal tissue in guinea pigs. <i>Journal of Inflammation</i> , 2017, 14, 3.	3.4	5
40	Glucosylceramide Synthase Is Involved in Development of Invariant Natural Killer T Cells. <i>Frontiers in Immunology</i> , 2017, 8, 848.	4.8	20
41	The interplay of UV and cutaneous papillomavirus infection in skin cancer development. <i>PLoS Pathogens</i> , 2017, 13, e1006723.	4.7	48
42	Developmental vascular remodeling defects and postnatal kidney failure in mice lacking Gpr116 (Adgrf5) and Eltd1 (Adgrl4). <i>PLoS ONE</i> , 2017, 12, e0183166.	2.5	29
43	Inhibition of hepatocellular carcinoma growth by blockade of glycosphingolipid synthesis. <i>Oncotarget</i> , 2017, 8, 109201-109216.	1.8	23
44	Lipid microdomain modification sustains neuronal viability in models of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2016, 4, 103.	5.2	30
45	Atrasentan Reduces Albuminuria by Restoring the Glomerular Endothelial Glycocalyx Barrier in Diabetic Nephropathy. <i>Diabetes</i> , 2016, 65, 2429-2439.	0.6	101
46	Transcriptional profiling of dendritic cells matured in different osmolarities. <i>Genomics Data</i> , 2016, 7, 64-66.	1.3	2
47	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
48	Preclinical evaluation of a diabody-based 177Lu-radioimmunoconjugate for CD22-directed radioimmunotherapy in a non-Hodgkin lymphoma mouse model. <i>Cancer Letters</i> , 2016, 381, 296-304.	7.2	3
49	Rat kidney lipid composition addressed by mass spectrometry imaging. <i>Kidney International</i> , 2016, 90, 1129-1130.	5.2	1
50	Distinct roles of T cell lymphopenia and the microbial flora for gastrointestinal and CNS autoimmunity. <i>FASEB Journal</i> , 2016, 30, 1724-1732.	0.5	10
51	The tRNA methyltransferase Dnmt2 is required for accurate polypeptide synthesis during haematopoiesis. <i>EMBO Journal</i> , 2015, 34, 2350-2362.	7.8	154
52	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
53	Dickkopf-3, a Tissue-Derived Modulator of Local T-Cell Responses. <i>Frontiers in Immunology</i> , 2015, 6, 78.	4.8	40
54	Glomerulonephritis triggered by a chronically infected left ventricular assist device. <i>Lancet</i> , The, 2015, 386, 2363-2364.	13.7	8

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55	Zeb1 affects epithelial cell adhesion by diverting glycosphingolipid metabolism. <i>EMBO Reports</i> , 2015, 16, 321-331.	4.5	54
56	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
57	Dickkopf-3 Acts as a Modulator of B Cell Fate and Function. <i>Journal of Immunology</i> , 2015, 194, 2624-2634.	0.8	25
58	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
59	Semaphorin-Plexin Signaling Controls Mitotic Spindle Orientation during Epithelial Morphogenesis and Repair. <i>Developmental Cell</i> , 2015, 33, 299-313.	7.0	56
60	Common histological patterns in glomerular epithelial cells in secondary focal segmental glomerulosclerosis. <i>Kidney International</i> , 2015, 88, 990-998.	5.2	57
61	Immunosuppression and Aberrant T Cell Development in the Absence of N-Myristoylation. <i>Journal of Immunology</i> , 2015, 195, 4228-4243.	0.8	31
62	Fasting-Induced Lipolysis and Hypothalamic Insulin Signaling Are Regulated by Neuronal Glucosylceramide Synthase. <i>Diabetes</i> , 2015, 64, 3363-3376.	0.6	29
63	Integration of Cistromic and Transcriptomic Analyses Identifies Nphs2, Mafb, 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
64	Toxicity of terflunomide in aryl hydrocarbon receptor deficient mice. <i>Biochemical Pharmacology</i> , 2015, 98, 484-492.	4.4	8
65	Impact of AMP-Activated Protein Kinase $\alpha 1$ Deficiency on Tissue Injury following Unilateral Ureteral Obstruction. <i>PLoS ONE</i> , 2015, 10, e0135235.	2.5	12
66	The Molecular Phenotype of Endocapillary Proliferation: Novel Therapeutic Targets for IgA Nephropathy. <i>PLoS ONE</i> , 2014, 9, e103413.	2.5	30
67	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
68	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
69	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
70	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
71	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
72	Crosstalk between Sentinel and Helper Macrophages Permits Neutrophil Migration into Infected Uroepithelium. <i>Cell</i> , 2014, 156, 456-468.	28.9	203

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73	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
74	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
75	Differentiation of epidermal keratinocytes is dependent on glucosylceramide:ceramide processing. <i>Human Molecular Genetics</i> , 2013, 22, 4164-4179.	2.9	47
76	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
77	Glycosphingolipids Are Essential for Intestinal Endocytic Function. <i>Journal of Biological Chemistry</i> , 2012, 287, 32598-32616.	3.4	44
78	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
79	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
80	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
81	Hepatic glycosphingolipid deficiency and liver function in mice. <i>Hepatology</i> , 2010, 51, 1799-1809.	7.3	38
82	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
83	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
84	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
85	Immunohistochemical Detection of Hypochlorite-Modified Proteins in Glomeruli of Human Membranous Glomerulonephritis. <i>Laboratory Investigation</i> , 2002, 82, 5-14.	3.7	70
86	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
87	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
88	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
89	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
90	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

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91	L-Arginine Supplementation Improves Function and Reduces Inflammation in Renal Allografts. Journal of the American Society of Nephrology: JASN, 2001, 12, 361-367.	6.1	39
92	Chemokine and Chemokine Receptor Expression during Initiation and Resolution of Immune Complex Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2001, 12, 919-931.	6.1	73
93	Obstructive Nephropathy in the Mouse. Journal of the American Society of Nephrology: JASN, 2001, 12, 1173-1187.	6.1	157
94	Immunohistochemical evidence for the myeloperoxidase/H <sub>2</sub> O <sub>2</sub> /halide system in human atherosclerotic lesions. FEBS Journal, 2000, 267, 4495-4503.	0.2	219
95	Oxidant stress in hyperlipidemia-induced renal damage. American Journal of Physiology - Renal Physiology, 2000, 278, F63-F74.	2.7	122
96	Metformin reduces vascular and tubular damage during acute renal transplant rejection: blocking monocyte arrest and recruitment. FASEB Journal, 1999, 13, 1371-1383.	0.5	231