

# Heiko Krude

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

4,427  
citations

430874

18  
h-index

276875

41  
g-index

41  
all docs

41  
docs citations

41  
times ranked

9895  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	21.4	2,634
2	Proopiomelanocortin Deficiency Treated with a Melanocortin-4 Receptor Agonist. <i>New England Journal of Medicine</i> , 2016, 375, 240-246.	27.0	358
3	Obesity Due to Proopiomelanocortin Deficiency: Three New Cases and Treatment Trials with Thyroid Hormone and ACTH4â€“10. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 4633-4640.	3.6	281
4	MC4R agonism promotes durable weight loss in patients with leptin receptor deficiency. <i>Nature Medicine</i> , 2018, 24, 551-555.	30.7	219
5	Melanocortin-4 Receptor Signalling: Importance for Weight Regulation and Obesity Treatment. <i>Trends in Molecular Medicine</i> , 2019, 25, 136-148.	6.7	127
6	Interindividual Variation in DNA Methylation at a Putative POMC Metastable Epiallele Is Associated with Obesity. <i>Cell Metabolism</i> , 2016, 24, 502-509.	16.2	110
7	Effectiveness and safety of the tri-iodothyronine analogue Triac in children and adults with MCT8 deficiency: an international, single-arm, open-label, phase 2 trial. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 695-706.	11.4	77
8	Mutations in the Human Proopiomelanocortin Gene. <i>Annals of the New York Academy of Sciences</i> , 2003, 994, 233-239.	3.8	73
9	Detection of Novel Gene Variants Associated with Congenital Hypothyroidism in a Finnish Patient Cohort. <i>Thyroid</i> , 2016, 26, 1215-1224.	4.5	63
10	Disease characteristics of MCT8 deficiency: an international, retrospective, multicentre cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 594-605.	11.4	50
11	Mean High-Dose l-Thyroxine Treatment Is Efficient and Safe to Achieve a Normal IQ in Young Adult Patients With Congenital Hypothyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1459-1469.	3.6	47
12	Treatment of congenital thyroid dysfunction: Achievements and challenges. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2015, 29, 399-413.	4.7	31
13	Effects of a combined dietary, exercise and behavioral intervention and sympathetic system on body weight maintenance after intended weight loss: Results of a randomized controlled trial. <i>Metabolism: Clinical and Experimental</i> , 2018, 83, 60-67.	3.4	27
14	Signal Transduction and Pathogenic Modifications at the Melanocortin-4 Receptor: A Structural Perspective. <i>Frontiers in Endocrinology</i> , 2019, 10, 515.	3.5	24
15	Differential Signaling Profiles of MC4R Mutations with Three Different Ligands. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1224.	4.1	24
16	Surfactant proteins in pediatric interstitial lung disease. <i>Pediatric Research</i> , 2016, 79, 34-41.	2.3	23
17	An Integrated Understanding of the Molecular Mechanisms of How Adipose Tissue Metabolism Affects Long-term Body Weight Maintenance. <i>Diabetes</i> , 2019, 68, 57-65.	0.6	23
18	Spatiotemporal Changes of Cerebral Monocarboxylate Transporter 8 Expression. <i>Thyroid</i> , 2020, 30, 1366-1383.	4.5	22

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19	ANP system activity predicts variability of fat mass reduction and insulin sensitivity during weight loss. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 935-943.	3.4	19
20	Life-Limiting Conditions at a University Pediatric Tertiary Care Center: A Cross-Sectional Study. <i>Journal of Palliative Medicine</i> , 2018, 21, 169-176.	1.1	19
21	Movement disorders in MCT8 deficiency/Allan-Herndon-Dudley Syndrome. <i>Molecular Genetics and Metabolism</i> , 2022, 135, 109-113.	1.1	17
22	The use of FDG-PET and CT for the staging of adrenocortical carcinoma in children. <i>Pediatric Radiology</i> , 2000, 30, 306-306.	2.0	16
23	A Melanocortin-4 Receptor Agonist Induces Skin and Hair Pigmentation in Patients with Monogenic Mutations in the Leptin-Melanocortin Pathway. <i>Skin Pharmacology and Physiology</i> , 2021, 34, 307-316.	2.5	16
24	Weight Loss Partially Restores Glucose-Driven Betatrophin Response in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4014-4020.	3.6	15
25	Investigation of Naturally Occurring Single-Nucleotide Variants in Human TAAR1. <i>Frontiers in Pharmacology</i> , 2017, 8, 807.	3.5	15
26	A New Multisystem Disorder Caused by the $G\alpha_s$ Mutation p.F376V. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1079-1089.	3.6	14
27	An incretin-based tri-agonist promotes superior insulin secretion from murine pancreatic islets via PLC activation. <i>Cellular Signalling</i> , 2018, 51, 13-22.	3.6	13
28	Interaction of circulating GLP-1 and the response of the dorsolateral prefrontal cortex to food-cues predicts body weight development. <i>Molecular Metabolism</i> , 2019, 29, 136-144.	6.5	11
29	Allan-Herndon-Dudley-Syndrome: Considerations about the Brain Phenotype with Implications for Treatment Strategies. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 414-422.	1.2	9
30	Sleep Timing in Patients with Precocious and Delayed Pubertal Development. <i>Clocks &amp; Sleep</i> , 2019, 1, 140-150.	2.0	8
31	A New Mechanism in THRA Resistance: The First Disease-Associated Variant Leading to an Increased Inhibitory Function of THRA2. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5338.	4.1	8
32	An Integrated clinical pathway for diagnosis, treatment and care of rare diseases: model, operating procedures, and results of the project TRANSLATE-NAMSE funded by the German Federal Joint Committee. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 474.	2.7	7
33	Interactions between nocturnal melatonin secretion, metabolism, and sleeping behavior in adolescents with obesity. <i>International Journal of Obesity</i> , 2022, 46, 1051-1058.	3.4	6
34	Evolution, Child Development and the Thyroid: A Phylogenetic and Ontogenetic Introduction to Normal Thyroid Function. <i>Endocrine Development</i> , 2014, 26, 1-16.	1.3	4
35	What can go wrong in the non-coding genome and how to interpret whole genome sequencing data. <i>Medizinische Genetik</i> , 2021, 33, 121-131.	0.2	4
36	What is the Role of Thyroid Hormone Receptor Alpha 2 ( $TR\alpha_2$ ) in Human Physiology?. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2022, 130, 296-302.	1.2	4

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37	Severe Acquired Primary Hypothyroidism in Children and its Influence on Growth: A Retrospective Analysis of 43 Cases. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2022, 130, 217-222.	1.2	3
38	Incidence of Daytime Sleepiness and Associated Factors in Two First Nations Communities in Saskatchewan, Canada. <i>Clocks &amp; Sleep</i> , 2018, 1, 13-25.	2.0	2
39	GWAS of thyroid dysgenesis identifies a risk locus at 2q33.3 linked to regulation of Wnt signaling. <i>Human Molecular Genetics</i> , 2022, 31, 3967-3974.	2.9	2
40	Evaluation of a rare glucose-dependent insulinotropic polypeptide receptor variant in a patient with diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1168-1176.	4.4	1
41	Melanocortin 4 receptor mutations become common. <i>Cell Metabolism</i> , 2021, 33, 1512-1513.	16.2	1