

Knut Mai

List of Publications by Year in descending order

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84
papers

3,806
citations

126858

33
h-index

133188

59
g-index

93
all docs

93
docs citations

93
times ranked

6319
citing authors

#	ARTICLE	IF	CITATIONS
1	Proopiomelanocortin Deficiency Treated with a Melanocortin-4 Receptor Agonist. <i>New England Journal of Medicine</i> , 2016, 375, 240-246.	13.9	358
2	Changes of Adiponectin Oligomer Composition by Moderate Weight Reduction. <i>Diabetes</i> , 2005, 54, 2712-2719.	0.3	249
3	Efficacy and safety of setmelanotide, an MC4R agonist, in individuals with severe obesity due to LEPR or POMC deficiency: single-arm, open-label, multicentre, phase 3 trials. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 960-970.	5.5	235
4	MC4R agonism promotes durable weight loss in patients with leptin receptor deficiency. <i>Nature Medicine</i> , 2018, 24, 551-555.	15.2	219
5	Adrenal Venous Sampling. <i>Hypertension</i> , 2011, 57, 990-995.	1.3	208
6	PDE3A mutations cause autosomal dominant hypertension with brachydactyly. <i>Nature Genetics</i> , 2015, 47, 647-653.	9.4	146
7	Free Fatty Acids Link Metabolism and Regulation of the Insulin-Sensitizing Fibroblast Growth Factor-21. <i>Diabetes</i> , 2009, 58, 1532-1538.	0.3	139
8	Fibroblast Growth Factor 21 Predicts the Metabolic Syndrome and Type 2 Diabetes in Caucasians. <i>Diabetes Care</i> , 2013, 36, 145-149.	4.3	114
9	Caloric restriction disrupts the microbiota and colonization resistance. <i>Nature</i> , 2021, 595, 272-277.	13.7	109
10	The role of neural impulse control mechanisms for dietary success in obesity. <i>NeuroImage</i> , 2013, 83, 669-678.	2.1	108
11	Critical Illness Myopathy and GLUT4. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 387-396.	2.5	97
12	Impulse control in the dorsolateral prefrontal cortex counteracts post-diet weight regain in obesity. <i>NeuroImage</i> , 2015, 109, 318-327.	2.1	92
13	Relation between retinol, retinol-binding protein 4, transthyretin and carotid intima media thickness. <i>Atherosclerosis</i> , 2010, 213, 549-551.	0.4	81
14	Caloric Restriction in Older Adults—Differential Effects of Weight Loss and Reduced Weight on Brain Structure and Function. <i>Cerebral Cortex</i> , 2017, 27, bhw008.	1.6	80
15	Histone Deacetylase 6 (<i>HDAC6</i>) Is an Essential Modifier of Glucocorticoid-Induced Hepatic Gluconeogenesis. <i>Diabetes</i> , 2012, 61, 513-523.	0.3	78
16	Effects of spermidine supplementation on cognition and biomarkers in older adults with subjective cognitive decline (SmartAge) study protocol for a randomized controlled trial. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 36.	3.0	74
17	Circulating vaspin is unrelated to insulin sensitivity in a cohort of nondiabetic humans. <i>European Journal of Endocrinology</i> , 2010, 162, 507-513.	1.9	58
18	Muscle wasting and function after muscle activation and early protocol-based physiotherapy: an explorative trial. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 734-747.	2.9	57

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19	Sex differences in physiological cardiac hypertrophy are associated with exercise-mediated changes in energy substrate availability. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H115-H122.	1.5	56
20	Relation between fibroblast growth factor-21, adiposity, metabolism, and weight reduction. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 306-311.	1.5	53
21	Systematic review and meta-analysis of the associations of vegan and vegetarian diets with inflammatory biomarkers. <i>Scientific Reports</i> , 2020, 10, 21736.	1.6	53
22	Intravenous Lipid and Heparin Infusion-Induced Elevation in Free Fatty Acids and Triglycerides Modifies Circulating Androgen Levels in Women: A Randomized, Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3900-3906.	1.8	49
23	Vitamin and Mineral Status in a Vegan Diet. <i>Deutsches Arzteblatt International</i> , 2020, 117, 575-582.	0.6	49
24	Glucose-Dependent Insulinotropic Polypeptide Reduces Fat-Specific Expression and Activity of 11 β -Hydroxysteroid Dehydrogenase Type 1 and Inhibits Release of Free Fatty Acids. <i>Diabetes</i> , 2012, 61, 292-300.	0.3	47
25	Genetic Nicotinamide N-Methyltransferase (<i>Nnmt</i>) Deficiency in Male Mice Improves Insulin Sensitivity in Diet-Induced Obesity but Does Not Affect Glucose Tolerance. <i>Diabetes</i> , 2019, 68, 527-542.	0.3	45
26	Physiological modulation of circulating FGF21: relevance of free fatty acids and insulin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E126-E130.	1.8	44
27	Adiponectin Oligomers in Human Serum during Acute and Chronic Exercise: Relation to Lipid Metabolism and Insulin Sensitivity. <i>International Journal of Sports Medicine</i> , 2007, 28, 1-8.	0.8	43
28	Clinical Effects of Phosphodiesterase 3A Mutations in Inherited Hypertension With Brachydactyly. <i>Hypertension</i> , 2015, 66, 800-808.	1.3	39
29	Measuring Energy Expenditure in extracorporeal lung support Patients (MEEP) – Protocol, feasibility and pilot trial. <i>Clinical Nutrition</i> , 2018, 37, 301-307.	2.3	39
30	Skeletal Muscle 11 β -HSD1 Controls Glucocorticoid-Induced Proteolysis and Expression of E3 Ubiquitin Ligases Atrogin-1 and MuRF-1. <i>PLoS ONE</i> , 2011, 6, e16674.	1.1	39
31	Free Fatty Acids Increase Androgen Precursors in Vivo. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 1501-1507.	1.8	38
32	Effects of caloric restriction on the gut microbiome are linked with immune senescence. <i>Microbiome</i> , 2022, 10, 57.	4.9	38
33	A1C Is Associated With Intima-Media Thickness in Individuals With Normal Glucose Tolerance. <i>Diabetes Care</i> , 2010, 33, 203-204.	4.3	37
34	Whole-body vibration to prevent intensive care unit-acquired weakness: safety, feasibility, and metabolic response. <i>Critical Care</i> , 2017, 21, 9.	2.5	36
35	Rosiglitazone decreases 11 β -hydroxysteroid dehydrogenase type 1 in subcutaneous adipose tissue. <i>Clinical Endocrinology</i> , 2007, 67, 419-425.	1.2	34
36	Chemerin and prediction of Diabetes mellitus type 2. <i>Clinical Endocrinology</i> , 2015, 82, 838-843.	1.2	33

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37	Mobile electronic versus paper case report forms in clinical trials: a randomized controlled trial. BMC Medical Research Methodology, 2017, 17, 153.	1.4	28
38	Associations of a vegan diet with inflammatory biomarkers. Scientific Reports, 2020, 10, 1933.	1.6	28
39	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. Metabolism: Clinical and Experimental, 2018, 83, 60-67.	1.5	27
40	Adaptation of the hypothalamic-pituitary hormones during intensive endurance training. Clinical Endocrinology, 2005, 63, 530-536.	1.2	26
41	Leptin and Endocrine Parameters in Marathon Runners. International Journal of Sports Medicine, 2012, 33, 244-248.	0.8	25
42	Interactions between neural decision-making circuits predict long-term dietary treatment success in obesity. NeuroImage, 2019, 184, 520-534.	2.1	25
43	Metabolic impact of weight loss induced reduction of adipose ACE-2 – Potential implication in COVID-19 infections?. Metabolism: Clinical and Experimental, 2020, 113, 154401.	1.5	24
44	An Integrated Understanding of the Molecular Mechanisms of How Adipose Tissue Metabolism Affects Long-term Body Weight Maintenance. Diabetes, 2019, 68, 57-65.	0.3	23
45	Attachment style contributes to the outcome of a multimodal lifestyle intervention. BioPsychoSocial Medicine, 2012, 6, 3.	0.9	20
46	ANP system activity predicts variability of fat mass reduction and insulin sensitivity during weight loss. Metabolism: Clinical and Experimental, 2016, 65, 935-943.	1.5	19
47	Circulating Insulin-like Growth Factor Binding Protein-3 Predicts One-year Outcome after Ischemic Stroke. Experimental and Clinical Endocrinology and Diabetes, 2015, 123, 461-465.	0.6	18
48	Renal function is independently associated with circulating betatrophin. PLoS ONE, 2017, 12, e0173197.	1.1	18
49	Normobaric hypoxic conditioning in men with metabolic syndrome. Physiological Reports, 2018, 6, e13949.	0.7	18
50	Weight Loss Partially Restores Glucose-Driven Betatrophin Response in Humans. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4014-4020.	1.8	15
51	The Simultaneous Measurement of Plasma-Aldosterone- and -Renin-Concentration Allows Rapid Classification of all Disorders of the Renin-Aldosterone System. Experimental and Clinical Endocrinology and Diabetes, 2007, 115, 433-438.	0.6	14
52	Adjuvant platinum-based chemotherapy in radically resected adrenocortical carcinoma: a cohort study. British Journal of Cancer, 2021, 125, 1233-1238.	2.9	14
53	Palliative treatment of uncontrollable hypercalcemia due to parathyrotoxicosis: denosumab as rescue therapy. Endocrinology, Diabetes and Metabolism Case Reports, 2015, 2015, 150082.	0.2	13
54	In vivo activity of 11beta-hydroxysteroid dehydrogenase type 1 and free fatty acid-induced insulin resistance. Clinical Endocrinology, 2005, 63, 442-449.	1.2	12

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55	Rosiglitazone increases fatty acid Δ^9 -desaturation and decreases elongase activity index in human skeletal muscle in vivo. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 108-116.	1.5	12
56	Distinct Housing Conditions Reveal a Major Impact of Adaptive Immunity on the Course of Obesity-Induced Type 2 Diabetes. <i>Frontiers in Immunology</i> , 2018, 9, 1069.	2.2	12
57	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.	3.0	11
58	Association between Subcutaneous Adipose Tissue Inflammation, Insulin Resistance, and Calorie Restriction in Obese Females. <i>Journal of Immunology</i> , 2020, 205, 45-55.	0.4	11
59	No effect of free fatty acids on adrenocorticotropin and cortisol secretion in healthy young men. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 1022-1028.	1.5	10
60	Acute hyperinsulinaemia and hyperlipidaemia modify circulating adiponectin and its oligomers. <i>Clinical Endocrinology</i> , 2009, 71, 507-511.	1.2	9
61	Levothyroxine Medication is Associated with Adiposity Independent of TSH. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2012, 120, 351-354.	0.6	9
62	Hypoxia and exercise interactions on skeletal muscle insulin sensitivity in obese subjects with metabolic syndrome: results of a randomized controlled trial. <i>International Journal of Obesity</i> , 2020, 44, 1119-1128.	1.6	9
63	Relation between Physiological Variation of Renal Function and Carotid Intima Media Thickness in Non-Diabetic Individuals. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010, 17, 242-248.	0.9	9
64	Effects of Weight Loss on Adipose and Muscular Neuropilin 1 mRNA Expression in Obesity: Potential Implication in SARS-CoV-2 Infections?. <i>Obesity Facts</i> , 2022, 15, 90-98.	1.6	9
65	In Vivo Activity of 11β -Hydroxysteroid Dehydrogenase Type 1 in Man: Effects of Prednisolone and Chenodesoxycholic Acid. <i>Hormone and Metabolic Research</i> , 2011, 43, 66-71.	0.7	8
66	The Diagnosis and Management of Endocrine Side Effects of Immune Checkpoint Inhibitors. <i>Deutsches Arzteblatt International</i> , 2021, 118, .	0.6	7
67	Impact of protocol-based physiotherapy on insulin sensitivity and peripheral glucose metabolism in critically ill patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1045-1053.	2.9	6
68	Fetuin-B, a potential link of liver-adipose tissue cross talk during diet-induced weight loss weight maintenance. <i>Nutrition and Diabetes</i> , 2021, 11, 31.	1.5	5
69	Effects of hyperlipidaemia on glucocorticoid metabolism: results of a randomized controlled trial in healthy young women. <i>Clinical Endocrinology</i> , 2011, 74, 551-557.	1.2	4
70	Cell-type specific regulation of the human 11β -hydroxysteroid dehydrogenase type 1 promoter. <i>Archives of Physiology and Biochemistry</i> , 2007, 113, 110-115.	1.0	3
71	Arginine vasopressin-dependent and AVP -independent mechanisms of renal fluid absorption during thirsting despite glucocorticoid-mediated vasopressin suppression. <i>Clinical Endocrinology</i> , 2013, 78, 431-437.	1.2	3
72	Nutritional counseling frequency and baseline food pattern predict implementation of a high-protein and high-polyunsaturated fatty acid dietary pattern: 1-year results of the randomized NutriAct trial. <i>Clinical Nutrition</i> , 2021, 40, 5457-5466.	2.3	3

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73	The ElonginB/C-Cullin5-SOCS-Box-Complex Is a Potential Biomarker for Growth Hormone Disorders. <i>Biomedicines</i> , 2021, 9, 201.	1.4	2
74	Long-term effects of a food pattern on cardiovascular risk factors and age-related changes of muscular and cognitive function. <i>Medicine (United States)</i> , 2020, 99, e22381.	0.4	2
75	Spironolactone is associated with reduced mitotane levels in adrenocortical carcinoma patients. <i>Endocrine-Related Cancer</i> , 2022, 29, 121-128.	1.6	2
76	Long-term impact of the metabolic status on weight loss-induced health benefits. <i>Nutrition and Metabolism</i> , 2022, 19, 25.	1.3	2
77	Delayed onset hypophysitis after therapy with daclizumab for multiple sclerosis – A report of two cases. <i>Journal of Neuroimmunology</i> , 2021, 351, 577469.	1.1	1
78	Association between meal-specific daily protein intake and lean mass in older adults: results of the cross-sectional BASE-II study. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1141-1147.	2.2	1
79	Weight loss did not modify macronutrient specific response of hormones and satiety in overweight and obese people without metabolic disease – results from a clinical trial. <i>Clinical Nutrition</i> , 2022, 41, 948-957.	2.3	1
80	Correction: Effects of spermidine supplementation on cognition and biomarkers in older adults with subjective cognitive decline (SmartAge) – study protocol for a randomized controlled trial. <i>Alzheimer's Research and Therapy</i> , 2022, 14, .	3.0	1
81	Correspondence. <i>Deutsches Arzteblatt International</i> , 2021, 118, 681-682.	0.6	0
82	Combined Oral Triglyceride and Glucose Tolerance Test After Acute Ischemic Stroke to Predict Recurrent Vascular Events: The Berlin – Cream&Sugar – Study. <i>Stroke</i> , 2022, , 101161STROKEAHA122038732.	1.0	0
83	Metabolic benefits of caloric restriction are linked with defined immune signatures shaped by the gut microbiome. <i>Diabetologie Und Stoffwechsel</i> , 2022, , .	0.0	0
84	A metabolically-healthy lean phenotype is sustained in GPR146-deficient mice during diet-induced obesity. <i>Diabetologie Und Stoffwechsel</i> , 2022, , .	0.0	0