Manfred Hallschmid

List of Publications by Year
in descending order

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66 papers	4,813 citations	101543 36 h-index	106344 65 g-index
73 all docs	73 docs citations	73 times ranked	5304 citing authors

#	Article	IF	Citations
1	Distinct and Convergent Beneficial Effects of Estrogen and Insulin on Cognitive Function in Healthy Young Men. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e582-e593.	3.6	3
2	Intranasal orexin A modulates sympathetic vascular tone: a pilot study in healthy male humans. Journal of Neurophysiology, 2022, 127, 548-558.	1.8	5
3	The effect of intranasal insulin on appetite and mood in women with and without obesity: an experimental medicine study. International Journal of Obesity, 2022, 46, 1319-1327.	3.4	9
4	Short-term high-fat feeding induces a reversible net decrease in synaptic AMPA receptors in the hypothalamus. Journal of Nutritional Biochemistry, 2021, 87, 108516.	4.2	2
5	Pregnant women do not display impaired memory formation across one night of sleep. Journal of Sleep Research, 2021, 30, e13204.	3.2	2
6	Intranasal Insulin for Alzheimerâ€™s Disease. CNS Drugs, 2021, 35, 21-37.	5.9	67
7	Body composition in term offspring after maternal gestational diabetes does not predict postnatal hypoglycemia. BMC Pediatrics, 2021, 21, 111.	1.7	5
8	Predictors of real-time fMRI neurofeedback performance and improvement â€“ A machine learning mega-analysis. NeuroImage, 2021, 237, 118207.	4.2	22
9	Intranasal insulin. Journal of Neuroendocrinology, 2021, 33, e12934.	2.6	44
10	Association Between Objectively Assessed Sleep and Depressive Symptoms During Pregnancy and Post-partum. Frontiers in Global Women S Health, 2021, 2, 807817.	2.3	3
11	Non-invasive stimulation of vagal afferents reduces gastric frequency. Brain Stimulation, 2020, 13, 470-473.	1.6	42
12	Visual food cues decrease blood glucose and glucoregulatory hormones following an oral glucose tolerance test in normal-weight and obese men. Physiology and Behavior, 2020, 226, 113071.	2.1	5
13	Vagus nerve stimulation boosts the drive to work for rewards. Nature Communications, 2020, 11, 3555.	12.8	51
14	Spotlight on the fetus: how physical activity during pregnancy influences fetal health: a narrative review. BMJ Open Sport and Exercise Medicine, 2020, 6, e000658.	2.9	15
15	Intensifying sleep slow oscillations does not improve metabolic control in healthy men. Psychoneuroendocrinology, 2019, 99, 1-7.	2.7	10
16	Outcomes and clinical implications of intranasal insulin administration to the central nervous system. Experimental Neurology, 2019, 317, 180-190.	4.1	29
17	Real-time fMRI neurofeedback training to improve eating behavior by self-regulation of the dorsolateral prefrontal cortex: A randomized controlled trial in overweight and obese subjects. NeuroImage, 2019, 191, 596-609.	4.2	58
18	Neonatal body composition: crossectional study in healthy term singletons in Germany. BMC Pediatrics, 2019, 19, 488.	1.7	7

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19	Intranasal oxytocin fails to acutely improve glucose metabolism in obese men. Diabetes, Obesity and Metabolism, 2019, 21, 424-428.	4.4	10
20	Safety of intranasal human insulin: A review. Diabetes, Obesity and Metabolism, 2018, 20, 1563-1577.	4.4	70
21	Relationship between cerebrospinal fluid concentrations of orexin A/hypocretin-1 and body composition in humans. Peptides, 2018, 102, 26-30.	2.4	5
22	Insulin and Estrogen Independently and Differentially Reduce Macronutrient Intake in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1393-1401.	3.6	9
23	Oxytocin curbs calorie intake via food-specific increases in the activity of brain areas that process reward and establish cognitive control. Scientific Reports, 2018, 8, 2736.	3.3	51
24	Quantification of steroid hormones in plasma using a surrogate calibrant approach and UHPLC-ESI-QTOF-MS/MS with SWATH-acquisition combined with untargeted profiling. Analytica Chimica Acta, 2018, 1022, 70-80.	5.4	40
25	Metabolic and Cognitive Outcomes of Subchronic Once-Daily Intranasal Insulin Administration in Healthy Men. Frontiers in Endocrinology, 2018, 9, 663.	3.5	16
26	Oxytocin and Eating Disorders: A Narrative Review on Emerging Findings and Perspectives. Current Neuropharmacology, 2018, 16, 1111-1121.	2.9	31
27	Volitional regulation of brain responses to food stimuli in overweight and obese subjects: A real-time fMRI feedback study. Appetite, 2017, 112, 188-195.	3.7	66
28	Intranasal insulin decreases circulating cortisol concentrations during early sleep in elderly humans. Neurobiology of Aging, 2017, 54, 170-174.	3.1	15
29	Current findings on the role of oxytocin in the regulation of food intake. Physiology and Behavior, 2017, 176, 31-39.	2.1	48
30	Interactions between metabolic, reward and cognitive processes in appetite control: Implications for novel weight management therapies. Journal of Psychopharmacology, 2017, 31, 1460-1474.	4.0	61
31	Visual food cues decrease postprandial glucose concentrations in lean and obese men without affecting food intake and related endocrine parameters. Appetite, 2017, 117, 255-262.	3.7	16
32	Oxytocin Improves Î²-Cell Responsivity and Glucose Tolerance in Healthy Men. Diabetes, 2017, 66, 264-271.	0.6	60
33	Central Nervous Insulin Administration before Nocturnal Sleep Decreases Breakfast Intake in Healthy Young and Elderly Subjects. Frontiers in Neuroscience, 2017, 11, 54.	2.8	13
34	Brain Insulin Resistance at the Crossroads of Metabolic and Cognitive Disorders in Humans. Physiological Reviews, 2016, 96, 1169-1209.	28.8	384
35	Glycemic increase induced by intravenous glucose infusion fails to affect hunger, appetite, or satiety following breakfast in healthy men. Appetite, 2016, 105, 562-566.	3.7	17
36	Central Nervous Insulin Signaling in Sleep-Associated Memory Formation and Neuroendocrine Regulation. Neuropsychopharmacology, 2016, 41, 1540-1550.	5.4	29

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37	Intranasal Neuropeptide Administration To Target the Human Brain in Health and Disease. Molecular Pharmaceutics, 2015, 12, 2767-2780.	4.6	33
38	The Role of Sleep in Motor Sequence Consolidation: Stabilization Rather Than Enhancement. Journal of Neuroscience, 2015, 35, 6696-6702.	3.6	92
39	The metabolic burden of sleep loss. Lancet Diabetes and Endocrinology,the, 2015, 3, 52-62.	11.4	240
40	Central Nervous Insulin Administration Does Not Potentiate the Acute Glucoregulatory Impact of Concurrent Mild Hyperinsulinemia. Diabetes, 2015, 64, 760-765.	0.6	31
41	Intranasal insulin increases regional cerebral blood flow in the insular cortex in men independently of cortisol manipulation. Human Brain Mapping, 2014, 35, 1944-1956.	3.6	66
42	Intranasal Insulin Suppresses Systemic but Not Subcutaneous Lipolysis in Healthy Humans. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E246-E251.	3.6	52
43	The effect of intranasal orexin-A (hypocretin-1) on sleep, wakefulness and attention in narcolepsy with cataplexy. Behavioural Brain Research, 2014, 262, 8-13.	2.2	92
44	Oxytocin's impact on social face processing is stronger in homosexual than heterosexual men. Psychoneuroendocrinology, 2014, 39, 194-203.	2.7	40
45	Oxytocin Reduces Reward-Driven Food Intake in Humans. Diabetes, 2013, 62, 3418-3425.	0.6	191
46	Postprandial Administration of Intranasal Insulin Intensifies Satiety and Reduces Intake of Palatable Snacks in Women. Diabetes, 2012, 61, 782-789.	0.6	143
47	Intranasal Insulin Suppresses Food Intake via Enhancement of Brain Energy Levels in Humans. Diabetes, 2012, 61, 2261-2268.	0.6	140
48	Disturbed Glucoregulatory Response to Food Intake After Moderate Sleep Restriction. Sleep, 2011, 34, 371-377.	1.1	106
49	Intranasal Insulin Enhances Postprandial Thermogenesis and Lowers Postprandial Serum Insulin Levels in Healthy Men. Diabetes, 2011, 60, 114-118.	0.6	117
50	Acute sleep deprivation reduces energy expenditure in healthy men. American Journal of Clinical Nutrition, 2011, 93, 1229-1236.	4.7	199
51	The Insulin-Mediated Modulation of Visually Evoked Magnetic Fields Is Reduced in Obese Subjects. PLoS ONE, 2011, 6, e19482.	2.5	48
52	A Role for Central Nervous Growth Hormone-Releasing Hormone Signaling in the Consolidation of Declarative Memories. PLoS ONE, 2011, 6, e23435.	2.5	9
53	Euglycemic Infusion of Insulin Detemir Compared With Human Insulin Appears to Increase Direct Current Brain Potential Response and Reduces Food Intake While Inducing Similar Systemic Effects. Diabetes, 2010, 59, 1101-1107.	0.6	58
54	Insulin Modulates Food-Related Activity in the Central Nervous System. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 748-755.	3.6	135

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55	Comparable Sensitivity of Postmenopausal and Young Women to the Effects of Intranasal Insulin on Food Intake and Working Memory. Journal of Clinical Endocrinology and Metabolism, 2010, 95, E468-E472.	3.6	66
56	Relationship Between Cerebrospinal Fluid Visfatin (PBEF/Nampt) Levels and Adiposity in Humans. Diabetes, 2009, 58, 637-640.	0.6	62
57	Towards the therapeutic use of intranasal neuropeptide administration in metabolic and cognitive disorders. Regulatory Peptides, 2008, 149, 79-83.	1.9	47
58	Differential Sensitivity of Men and Women to Anorexigenic and Memory-Improving Effects of Intranasal Insulin. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 1339-1344.	3.6	252
59	Revealing the Potential of Intranasally Administered Orexin A (Hypocretin-1). Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2008, 8, 133-137.	3.4	10
60	Intranasal Insulin Improves Memory in Humans: Superiority of Insulin Aspart. Neuropsychopharmacology, 2007, 32, 239-243.	5.4	262
61	Sleep loss, obesity and diabetes: a fatal connection?. Expert Review of Endocrinology and Metabolism, 2007, 2, 713-715.	2.4	0
62	Overweight Humans Are Resistant to the Weight-Reducing Effects of Melanocortin4â€"10. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 522-525.	3.6	36
63	Transcortical Direct Current Potential Shift Reflects Immediate Signaling of Systemic Insulin to the Human Brain. Diabetes, 2004, 53, 2202-2208.	0.6	49
64	Intranasal Insulin Reduces Body Fat in Men but not in Women. Diabetes, 2004, 53, 3024-3029.	0.6	251
65	Intranasal insulin improves memory in humans. Psychoneuroendocrinology, 2004, 29, 1326-1334.	2.7	615
66	Manipulating central nervous mechanisms of food intake and body weight regulation by intranasal administration of neuropeptides in man. Physiology and Behavior, 2004, 83, 55-64.	2.1	44