

Peter Khnen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,405
citations

18
h-index

37
g-index

56
ext. papers

1,850
ext. citations

7.7
avg, IF

4.34
L-index

#	Paper	IF	Citations
50	Proopiomelanocortin Deficiency Treated with a Melanocortin-4 Receptor Agonist. <i>New England Journal of Medicine</i> , 2016 , 375, 240-6	59.2	253
49	MC4R agonism promotes durable weight loss in patients with leptin receptor deficiency. <i>Nature Medicine</i> , 2018 , 24, 551-555	50.5	139
48	An Alu element-associated hypermethylation variant of the POMC gene is associated with childhood obesity. <i>PLoS Genetics</i> , 2012 , 8, e1002543	6	130
47	Somatic mutations and progressive monosomy modify SAMD9-related phenotypes in humans. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1700-1713	15.9	89
46	Interindividual Variation in DNA Methylation at a Putative POMC Metastable Epiallele Is Associated with Obesity. <i>Cell Metabolism</i> , 2016 , 24, 502-509	24.6	82
45	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	18.1	76
44	Melanocortin-4 Receptor Signalling: Importance for Weight Regulation and Obesity Treatment. <i>Trends in Molecular Medicine</i> , 2019 , 25, 136-148	11.5	66
43	Detection of Novel Gene Variants Associated with Congenital Hypothyroidism in a Finnish Patient Cohort. <i>Thyroid</i> , 2016 , 26, 1215-24	6.2	51
42	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	0.9	44
41	The neuroendocrine circuitry controlled by POMC, MSH, and AGRP. <i>Handbook of Experimental Pharmacology</i> , 2012 , 47-75	3.2	43
40	Identification of PENDRIN (SLC26A4) mutations in patients with congenital hypothyroidism and "apparent" thyroid dysgenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E169-76	5.6	34
39	Long-term lanreotide treatment in six patients with congenital hyperinsulinism. <i>Hormone Research in Paediatrics</i> , 2012 , 78, 106-12	3.3	33
38	Role of (68)Ga somatostatin receptor PET/CT in the detection of endogenous hyperinsulinaemic focus: an explorative study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 1593-600	8.8	31
37	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	5.6	29
36	Recessive mutations in PCBD1 cause a new type of early-onset diabetes. <i>Diabetes</i> , 2014 , 63, 3557-64	0.9	29
35	Diabetes caused by insulin gene (INS) deletion: clinical characteristics of homozygous and heterozygous individuals. <i>European Journal of Endocrinology</i> , 2011 , 165, 255-60	6.5	26
34	New pathogenic thyrotropin receptor mutations decipher differentiated activity switching at a conserved helix 6 motif of family A GPCR. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E228-32	5.6	22

33	Two novel GATA6 mutations cause childhood-onset diabetes mellitus, pancreas malformation and congenital heart disease. <i>Hormone Research in Paediatrics</i> , 2013 , 79, 250-6	3.3	18
32	Protein phosphatase 1 (PP-1)-dependent inhibition of insulin secretion by leptin in INS-1 pancreatic β-cells and human pancreatic islets. <i>Endocrinology</i> , 2011 , 152, 1800-8	4.8	17
31	Generation of integration free induced pluripotent stem cells from fibrodysplasia ossificans progressiva (FOP) patients from urine samples. <i>Stem Cell Research</i> , 2016 , 16, 54-8	1.6	17
30	Modulation of monocarboxylate transporter 8 oligomerization by specific pathogenic mutations. <i>Journal of Molecular Endocrinology</i> , 2015 , 54, 39-50	4.5	16
29	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	0.9	14
28	Spatiotemporal Changes of Cerebral Monocarboxylate Transporter 8 Expression. <i>Thyroid</i> , 2020 , 30, 1366-1383	1.3	13
27	Signal Transduction and Pathogenic Modifications at the Melanocortin-4 Receptor: A Structural Perspective. <i>Frontiers in Endocrinology</i> , 2019 , 10, 515	5.7	13
26	Investigation of Naturally Occurring Single-Nucleotide Variants in Human TAAR1. <i>Frontiers in Pharmacology</i> , 2017 , 8, 807	5.6	12
25	Occurrence of giant focal forms of congenital hyperinsulinism with incorrect visualization by (18) F DOPA-PET/CT scanning. <i>Clinical Endocrinology</i> , 2014 , 81, 847-54	3.4	12
24	Treatment of congenital thyroid dysfunction: Achievements and challenges. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2015 , 29, 399-413	6.5	11
23	Primary sulphonylurea therapy in a newborn with transient neonatal diabetes attributable to a paternal uniparental disomy 6q24 (UPD6). <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 474-475	6.7	10
22	Differential Signaling Profiles of MC4R Mutations with Three Different Ligands. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
21	Trace element and cytokine concentrations in patients with Fibrodysplasia Ossificans Progressiva (FOP): A case control study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017 , 39, 186-192	4.1	8
20	Positive correlation of thyroid hormones and serum copper in children with congenital hypothyroidism. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016 , 37, 90-95	4.1	7
19	Long-term outcomes of bariatric surgery in patients with bi-allelic mutations in the POMC, LEPR, and MC4R genes. <i>Surgery for Obesity and Related Diseases</i> , 2021 , 17, 1449-1456	3	7
18	Alu elements and human common diseases like obesity. <i>Mobile Genetic Elements</i> , 2012 , 2, 197-201		5
17	Pharmacological treatment strategies for patients with monogenic obesity. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2020 ,	1.6	5
16	Structures of active melanocortin-4 receptor-Gs-protein complexes with NDP-MSH and setmelanotide. <i>Cell Research</i> , 2021 , 31, 1176-1189	24.7	5

15	Structures of active melanocortin-4 receptor-Gs-protein complexes with NDP-MSH and setmelanotide		4
14	Sleep Timing in Patients with Precocious and Delayed Pubertal Development. <i>Clocks & Sleep</i> , 2019 , 1, 140-150	2.9	3
13	Antagonistic Autoantibodies to Insulin-Like Growth Factor-1 Receptor Associate with Poor Physical Strength. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
12	Gustatory Function Can Improve after Multimodal Lifestyle Intervention: A Longitudinal Observational Study in Pediatric Patients with Obesity. <i>Childhood Obesity</i> , 2021 , 17, 136-143	2.5	3
11	Tissue Sodium Content and Arterial Hypertension in Obese Adolescents. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	3
10	Interactions between nocturnal melatonin secretion, metabolism, and sleeping behavior in adolescents with obesity.. <i>International Journal of Obesity</i> , 2022 ,	5.5	2
9	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	3	2
8	Quality of life outcomes in two phase 3 trials of setmelanotide in patients with obesity due to LEPR or POMC deficiency.. <i>Orphanet Journal of Rare Diseases</i> , 2022 , 17, 38	4.2	1
7	Generation of human induced pluripotent stem cell lines from 2 patients with MIRAGE syndrome. <i>Stem Cell Research</i> , 2021 , 54, 102417	1.6	1
6	Evaluation of a rare glucose-dependent insulintropic polypeptide receptor variant in a patient with diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 1168-1176	6.7	1
5	Incidence of Daytime Sleepiness and Associated Factors in Two First Nations Communities in Saskatchewan, Canada. <i>Clocks & Sleep</i> , 2019 , 1, 13-25	2.9	1
4	Natural History of Obesity Due to POMC, PCSK1, and LEPR Deficiency and the Impact of Setmelanotide.. <i>Journal of the Endocrine Society</i> , 2022 , 6, bvac057	0.4	1
3	Cardiac Phenotype and Tissue Sodium Content in Adolescents With Defects in the Melanocortin System. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 2606-2616	5.6	0
2	Melanocortin 4 receptor mutations become common. <i>Cell Metabolism</i> , 2021 , 33, 1512-1513	24.6	0
1	Understanding the Patient Experience of Hunger and Improved Quality of Life with Setmelanotide Treatment in POMC and LEPR Deficiencies.. <i>Advances in Therapy</i> , 2022 , 39, 1772	4.1	0