

# Mark R Palmert

## List of Publications by Year in descending order

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74  
papers

5,402  
citations

126708

33  
h-index

98622

67  
g-index

79  
all docs

79  
docs citations

79  
times ranked

5660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus Statement on the Use of Gonadotropin-Releasing Hormone Analogs in Children. <i>Pediatrics</i> , 2009, 123, e752-e762.	1.0	656
2	Design of an mHealth App for the Self-management of Adolescent Type 1 Diabetes: A Pilot Study. <i>Journal of Medical Internet Research</i> , 2012, 14, e70.	2.1	554
3	Delayed Puberty. <i>New England Journal of Medicine</i> , 2012, 366, 443-453.	13.9	344
4	Delayed Puberty: Analysis of a Large Case Series from an Academic Center. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 1613-1620.	1.8	318
5	Lin28a transgenic mice manifest size and puberty phenotypes identified in human genetic association studies. <i>Nature Genetics</i> , 2010, 42, 626-630.	9.4	282
6	Variation in the Timing of Puberty: Clinical Spectrum and Genetic Investigation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 2364-2368.	1.8	248
7	Distinguishing Constitutional Delay of Growth and Puberty from Isolated Hypogonadotropic Hypogonadism: Critical Appraisal of Available Diagnostic Tests. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3056-3067.	1.8	188
8	The Longitudinal Study of Adrenal Maturation during Gonadal Suppression: Evidence That Adrenarche Is a Gradual Process. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4536-4542.	1.8	156
9	Paediatric and adult-onset male hypogonadism. <i>Nature Reviews Disease Primers</i> , 2019, 5, 38.	18.1	153
10	Pedigree Analysis of Constitutional Delay of Growth and Maturation: Determination of Familial Aggregation and Inheritance Patterns. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 5581-5586.	1.8	145
11	Genetic approaches to stature, pubertal timing, and other complex traits. <i>Molecular Genetics and Metabolism</i> , 2003, 80, 1-10.	0.5	120
12	Unsustained or Slowly Progressive Puberty in Young Girls: Initial Presentation and Long-Term Follow-Up of 20 Untreated Patients <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 415-423.	1.8	117
13	A Mobile App for the Self-Management of Type 1 Diabetes Among Adolescents: A Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , 2017, 5, e82.	1.8	110
14	Is Obesity an Outcome of Gonadotropin-Releasing Hormone Agonist Administration? Analysis of Growth and Body Composition in 110 Patients with Central Precocious Puberty <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 4480-4488.	1.8	108
15	Genetic determinants of pubertal timing in the general population. <i>Molecular and Cellular Endocrinology</i> , 2010, 324, 21-29.	1.6	99
16	A Shared Genetic Basis for Self-Limited Delayed Puberty and Idiopathic Hypogonadotropic Hypogonadism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E646-E654.	1.8	91
17	Mouse MRI shows brain areas relatively larger in males emerge before those larger in females. <i>Nature Communications</i> , 2018, 9, 2615.	5.8	90
18	Management of Neonates Born to Mothers With Gravesâ€™ Disease. <i>Pediatrics</i> , 2016, 137, .	1.0	84

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19	Use of Aromatase Inhibitors in Children and Adolescents With Disorders of Growth and Adolescent Development. <i>Pediatrics</i> , 2008, 121, e975-e983.	1.0	81
20	What controls the timing of puberty? An update on progress from genetic investigation. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2009, 16, 16-24.	1.2	81
21	Separate effects of sex hormones and sex chromosomes on brain structure and function revealed by high-resolution magnetic resonance imaging and spatial navigation assessment of the Four Core Genotype mouse model. <i>Brain Structure and Function</i> , 2016, 221, 997-1016.	1.2	68
22	Perspectives on fertility preservation and parenthood among transgender youth and their parents. <i>Archives of Disease in Childhood</i> , 2019, 104, 739-744.	1.0	68
23	Hippocampal volumes differ across the mouse estrous cycle, can change within 24hours, and associate with cognitive strategies. <i>NeuroImage</i> , 2013, 83, 593-598.	2.1	60
24	Chromosomes 6 and 13 Harbor Genes that Regulate Pubertal Timing in Mouse Chromosome Substitution Strains. <i>Endocrinology</i> , 2004, 145, 4447-4451.	1.4	54
25	Association Studies of Common Variants in 10 Hypogonadotropic Hypogonadism Genes with Age at Menarche. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 4290-4298.	1.8	53
26	Evaluation of delayed puberty: what diagnostic tests should be performed in the seemingly otherwise well adolescent?. <i>Archives of Disease in Childhood</i> , 2016, 101, 767-771.	1.0	53
27	Determination of Sequence Variation and Haplotype Structure for the Gonadotropin-Releasing Hormone (GnRH) and GnRH Receptor Genes: Investigation of Role in Pubertal Timing. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 1091-1099.	1.8	52
28	Use of local data to enhance uptake of published recommendations: an example from the diagnostic evaluation of precocious puberty. <i>Archives of Disease in Childhood</i> , 2014, 99, 15-20.	1.0	52
29	Sex-specific regulation of weight and puberty by the Lin28/let-7 axis. <i>Journal of Endocrinology</i> , 2016, 228, 179-191.	1.2	52
30	Development and Validation of a Questionnaire to Assess Carbohydrate and Insulin-Dosing Knowledge in Youth With Type 1 Diabetes. <i>Diabetes Care</i> , 2010, 33, 457-462.	4.3	51
31	Leptin Levels in Children with Central Precocious Puberty <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 2260-2265.	1.8	42
32	The genetics of pubertal timing in the general population. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2016, 23, 57-65.	1.2	40
33	Carbohydrate Counting App Using Image Recognition for Youth With Type 1 Diabetes: Pilot Randomized Control Trial. <i>JMIR MHealth and UHealth</i> , 2020, 8, e22074.	1.8	39
34	Characteristics of Adolescents Referred to a Gender Clinic: Are Youth Seen Now Different from Those in Initial Reports?. <i>Hormone Research in Paediatrics</i> , 2018, 89, 434-441.	0.8	37
35	High resolution whole brain imaging of anatomical variation in XO, XX, and XY mice. <i>NeuroImage</i> , 2013, 83, 962-968.	2.1	35
36	Epigenetics: A New Player in the Regulation of Mammalian Puberty. <i>Neuroendocrinology</i> , 2014, 99, 139-155.	1.2	34

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37	Gene expression profiling of puberty-associated genes reveals abundant tissue and sex-specific changes across postnatal development. <i>Human Molecular Genetics</i> , 2017, 26, 3585-3599.	1.4	33
38	Phenotypic variation in constitutional delay of growth and puberty: relationship to specific leptin and leptin receptor gene polymorphisms. <i>European Journal of Endocrinology</i> , 2006, 155, 121-126.	1.9	31
39	Management of gender dysphoria in adolescents in primary care. <i>Cmaj</i> , 2019, 191, E69-E75.	0.9	31
40	Mild neonatal hyperthyrotrophinaemia: 10-year experience suggests the condition is increasingly common but often transient. <i>Clinical Endocrinology</i> , 2013, 79, 832-837.	1.2	28
41	Impact of X/Y genes and sex hormones on mouse neuroanatomy. <i>NeuroImage</i> , 2018, 173, 551-563.	2.1	27
42	Exposure to maternal high-fat diet induces extensive changes in the brain of adult offspring. <i>Translational Psychiatry</i> , 2021, 11, 149.	2.4	27
43	Investigation of peripubertal expression of Lin28a and Lin28b in C57BL/6 female mice. <i>Molecular and Cellular Endocrinology</i> , 2013, 365, 241-248.	1.6	26
44	Can we rely on adolescents to self-assess puberty stage? A systematic review and meta-analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2846-2856.	1.8	26
45	A Quantitative Trait Locus on Chromosome 6 Regulates the Onset of Puberty in Mice. <i>Endocrinology</i> , 2006, 147, 5132-5138.	1.4	25
46	Parental Diabetes: The Akita Mouse as a Model of the Effects of Maternal and Paternal Hyperglycemia in Wildtype Offspring. <i>PLoS ONE</i> , 2012, 7, e50210.	1.1	24
47	Targets and teamwork: Understanding differences in pediatric diabetes centers treatment outcomes. <i>Pediatric Diabetes</i> , 2018, 19, 559-565.	1.2	19
48	Impact of Body Mass Index on Growth in Boys with Delayed Puberty. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2006, 19, 971-7.	0.4	17
49	Development of an Online Learning Module to Improve Pediatric Residents' Confidence and Knowledge of the Pubertal Examination. <i>Journal of Adolescent Health</i> , 2017, 60, 292-298.	1.2	15
50	When Low Blood Sugars Cause High Anxiety: Fear of Hypoglycemia Among Parents of Youth With Type 1 Diabetes Mellitus. <i>Canadian Journal of Diabetes</i> , 2021, 45, 403-410.e2.	0.4	14
51	The iSCREEN Electronic Diabetes Dashboard: A Tool to Improve Knowledge and Implementation of Pediatric Clinical Practice Guidelines. <i>Canadian Journal of Diabetes</i> , 2017, 41, 603-612.	0.4	11
52	Canadian Pediatric Endocrine Group extension to WHO growth charts: Why bother?. <i>Paediatrics and Child Health</i> , 2013, 18, 295-297.	0.3	10
53	Puberty and its disorders in the male. , 2014, , 697-733.e1.		10
54	RASopathies Are Associated With Delayed Puberty; Are They Associated With Precocious Puberty Too?. <i>Pediatrics</i> , 2016, 138, .	1.0	10

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55	Important considerations for interpreting biochemical tests in children. <i>BMJ: British Medical Journal</i> , 2018, 361, k1950.	2.4	10
56	Factors Associated With Age of Presentation to Gender-Affirming Medical Care. <i>Pediatrics</i> , 2021, 147, .	1.0	10
57	An Approach to the Patient With Delayed Puberty. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 1739-1750.	1.8	10
58	Distinguishing Self-limited Delayed Puberty from Permanent Hypogonadotropic Hypogonadism: How and Why?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e5264-e5266.	1.8	7
59	An Approach to the Evaluation and Management of the Obese Child With Early Puberty. <i>Journal of the Endocrine Society</i> , 2022, 6, bvab173.	0.1	7
60	Screening for Nonclassic Congenital Adrenal Hyperplasia in the Era of Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of the Endocrine Society</i> , 2020, 4, bvz030.	0.1	6
61	Puberty and Its Disorders in the Male. , 2021, , 661-694.		5
62	Routine T4 No More? Reducing Excess Thyroid Hormone Testing at a Pediatric Tertiary Care Hospital. <i>Journal of Pediatrics</i> , 2021, 236, 269-275.e1.	0.9	4
63	Canadian Pediatric Endocrine Group extension to WHO growth charts: Why bother?. <i>Paediatrics and Child Health</i> , 2013, 18, 295-7.	0.3	4
64	The efficacy of detecting variants with small effects on the Affymetrix 6.0 platform using pooled DNA. <i>Human Genetics</i> , 2011, 130, 607-621.	1.8	3
65	Use of Tcâ€99Âm thyroid scans in borderline congenital hypothyroidism. <i>Clinical Endocrinology</i> , 2016, 84, 438-444.	1.2	3
66	Limited Utility of Biochemical Screening for Pituitary Deficiencies and Adverse Effects in Idiopathic GH Deficiency. <i>Journal of the Endocrine Society</i> , 2019, 3, 1022-1030.	0.1	1
67	Seeing Clearly: Effects of Initiatives to Improve Diabetic Retinopathy Screening at a Pediatric Center. <i>Clinical Diabetes</i> , 2019, 37, 287-290.	1.2	1
68	Testing an audit and feedback-based intervention to improve glycemic control after transfer to adult diabetes care: protocol for a quasi-experimental pre-post design with a control group. <i>BMC Health Services Research</i> , 2019, 19, 885.	0.9	1
69	Mouse models of immune dysfunction: their neuroanatomical differences reflect their anxiety-behavioural phenotype. <i>Molecular Psychiatry</i> , 2022, 27, 3047-3055.	4.1	1
70	Pediatric Diabetes and Endocrinology. <i>Pediatric Clinics of North America</i> , 2015, 62, xvii-xviii.	0.9	0
71	SAT-277 Re-Evaluation of the 17-Hydroxyprogesterone (17-OHP) Screening Threshold for Diagnosing Nonclassic Congenital Adrenal Hyperplasia (NCAH) in the Era of Liquid Chromatography Tandem-Mass Spectrometry (LC-MS/MS). <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
72	MON-725 Transcriptome Profiling in Postnatal Pituitary Gland Identifies Cell Type-Driven Sex-Specific Changes. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0

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73	Mental Health and Timing of Gender-Affirming Care. , 2021, , 73-80.		0
74	Response to Letter to the Editor from Giovanelli and Quinton: “Distinguishing Self-limited Delayed Puberty From Permanent Hypogonadotropic Hypogonadism: How and Why?” Journal of Clinical Endocrinology and Metabolism, 2021, , .	1.8	0