

Antonio Balsamo

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.

113 papers	3,284 citations	32 h-index	54 g-index
116 ext. papers	3,786 ext. citations	4.2 avg, IF	4.33 L-index

#	Paper	IF	Citations
113	Italian cross-sectional growth charts for height, weight and BMI (2 to 20 yr). <i>Journal of Endocrinological Investigation</i> , 2006 , 29, 581-93	5.2	559
112	Italian cross-sectional growth charts for height, weight and BMI (6-20 y). <i>European Journal of Clinical Nutrition</i> , 2002 , 56, 171-80	5.2	230
111	Congenital adrenal hyperplasia due to 21-hydroxylase deficiency: Newborn screening and its relationship to the diagnosis and treatment of the disorder. <i>Screening: Journal of the International Society of Neonatal Screening</i> , 1993 , 2, 105-139		112
110	Variability of growth hormone response to pharmacological and sleep tests performed twice in short children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990 , 71, 230-4	5.6	104
109	High prevalence of precocious puberty and obesity in childhood narcolepsy with cataplexy. <i>Sleep</i> , 2013 , 36, 175-81	1.1	88
108	Randomised trial of LHRH analogue treatment on final height in girls with onset of puberty aged 7.5-8.5 years. <i>Archives of Disease in Childhood</i> , 1999 , 81, 329-32	2.2	87
107	Pitfalls in diagnosing impaired growth hormone (GH) secretion: retesting after replacement therapy of 63 patients defined as GH deficient. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992 , 74, 1284-9	5.6	84
106	Changes over time in sex assignment for disorders of sex development. <i>Pediatrics</i> , 2014 , 134, e710-5	7.4	81
105	Diagnosis, treatment and prevention of pediatric obesity: consensus position statement of the Italian Society for Pediatric Endocrinology and Diabetology and the Italian Society of Pediatrics. <i>Italian Journal of Pediatrics</i> , 2018 , 44, 88	3.2	71
104	Characterization of deletions at 9p affecting the candidate regions for sex reversal and deletion 9p syndrome by MLPA. <i>European Journal of Human Genetics</i> , 2009 , 17, 1439-47	5.3	68
103	Novel associations in disorders of sex development: findings from the I-DSD Registry. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E348-55	5.6	64
102	How many cases of true precocious puberty in girls are idiopathic?. <i>Journal of Pediatrics</i> , 1983 , 102, 357-60		63
101	CYP21 genotype, adult height, and pubertal development in 55 patients treated for 21-hydroxylase deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 5680-8	5.6	61
100	Pitfalls in diagnosing impaired growth hormone (GH) secretion: retesting after replacement therapy of 63 patients defined as GH deficient. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992 , 74, 1284-1289	5.6	60
99	Treatment for congenital hypothyroidism: thyroxine alone or thyroxine plus triiodothyronine?. <i>Pediatrics</i> , 2003 , 111, 1055-60	7.4	58
98	Characteristics of a nationwide cohort of patients presenting with isolated hypogonadotropic hypogonadism (IHH). <i>European Journal of Endocrinology</i> , 2018 , 178, 23-32	6.5	54
97	Empty sella in children and adolescents with possible hypothalamic-pituitary disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994 , 78, 767-71	5.6	52

96	Influence of growth hormone on thymic endocrine activity in humans. <i>Hormone Research</i> , 1990 , 33, 248-55	50
95	CYP21 analysis and phenotype/genotype relationship in the screened population of the Italian Emilia-Romagna region. <i>Clinical Endocrinology</i> , 2000 , 53, 117-25	3.4 48
94	Comparison between liquid and tablet formulations of levothyroxine in the initial treatment of congenital hypothyroidism. <i>Journal of Pediatrics</i> , 2013 , 162, 1264-9, 1269.e1-2	3.6 45
93	Functional analysis of two recurrent amino acid substitutions in the CYP21 gene from Italian patients with congenital adrenal hyperplasia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 2402-7	5.6 45
92	SRD5A2 gene analysis in an Italian population of under-masculinized 46,XY subjects. <i>Clinical Endocrinology</i> , 2005 , 63, 375-80	3.4 45
91	Deficit in the discrimination of nonverbal emotions in children with obesity and their mothers. <i>International Journal of Obesity</i> , 2003 , 27, 191-5	5.5 44
90	Empty sella in children and adolescents with possible hypothalamic- pituitary disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994 , 78, 767-771	5.6 43
89	Impact of molecular genetics on congenital adrenal hyperplasia management. <i>Sexual Development</i> , 2010 , 4, 233-48	1.6 42
88	Incidence of intratubular germ cell neoplasia in androgen insensitivity syndrome. <i>European Journal of Endocrinology</i> , 1990 , 123, 416-22	6.5 39
87	Growing Up with Type 1 Narcolepsy: Its Anthropometric and Endocrine Features. <i>Journal of Clinical Sleep Medicine</i> , 2016 , 12, 1649-1657	3.1 38
86	Quality of Life and Psychological Adjustment of Women Living with 46,XY Differences of Sex Development. <i>Journal of Sexual Medicine</i> , 2015 , 12, 1440-9	1.1 35
85	Effect on adult height of pubertal growth hormone retesting and withdrawal of therapy in patients with previously diagnosed growth hormone deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 4271-6	5.6 35
84	Gene dosage imbalances in patients with 46,XY gonadal DSD detected by an in-house-designed synthetic probe set for multiplex ligation-dependent probe amplification analysis. <i>Clinical Genetics</i> , 2008 , 73, 453-64	4 34
83	Congenital adrenal hyperplasia due to 11-beta-hydroxylase deficiency: functional consequences of four CYP11B1 mutations. <i>European Journal of Human Genetics</i> , 2014 , 22, 610-6	5.3 33
82	Final height of short subjects of low birth weight with and without growth hormone treatment. <i>Archives of Disease in Childhood</i> , 2001 , 84, 340-3	2.2 32
81	Final height of patients treated for isolated GH deficiency: examination of 83 patients. <i>European Journal of Endocrinology</i> , 1997 , 137, 53-60	6.5 29
80	Childhood obesity classification systems and cardiometabolic risk factors: a comparison of the Italian, World Health Organization and International Obesity Task Force references. <i>Italian Journal of Pediatrics</i> , 2017 , 43, 19	3.2 26
79	Functional studies of two novel and two rare mutations in the 21-hydroxylase gene. <i>Journal of Molecular Medicine</i> , 2006 , 84, 521-8	5.5 25

78	Reproductive outcome in patients treated and not treated for idiopathic early puberty: long-term results of a randomized trial in adults. <i>Journal of Pediatrics</i> , 2006 , 149, 532-6	3.6	25
77	Insulin resistance is a risk factor for high blood pressure regardless of body size and fat distribution in obese children. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010 , 20, 266-73	4.5	24
76	Long-term follow-up and final height in girls with central precocious puberty treated with luteinizing hormone-releasing hormone analogue nasal spray. <i>JAMA Pediatrics</i> , 1994 , 148, 1194-9		23
75	X-linked hypophosphatemic rickets: an Italian expertsSopinion survey. <i>Italian Journal of Pediatrics</i> , 2019 , 45, 67	3.2	20
74	Decoding difficulties of facial expression of emotions in mothers of children suffering from developmental obesity. <i>Psychotherapy and Psychosomatics</i> , 1996 , 65, 258-61	9.4	20
73	Functional characterization of naturally occurring NR3C2 gene mutations in Italian patients suffering from pseudohypoaldosteronism type 1. <i>European Journal of Endocrinology</i> , 2007 , 156, 249-56	6.5	20
72	Effect of gonadectomy on growth hormone, IGF-I and sex steroids in children with complete and incomplete androgen insensitivity. <i>European Journal of Endocrinology</i> , 1989 , 121, 777-83	6.5	20
71	Bone Mineral Density in Women Living with Complete Androgen Insensitivity Syndrome and Intact Testes or Removed Gonads. <i>Sexual Development</i> , 2017 , 11, 182-189	1.6	19
70	Prevalence of pathogenetic MC4R mutations in Italian children with early onset obesity, tall stature and familial history of obesity. <i>BMC Medical Genetics</i> , 2009 , 10, 25	2.1	19
69	Two novel GnRHR gene mutations in two siblings with hypogonadotropic hypogonadism. <i>European Journal of Endocrinology</i> , 2006 , 155, 201-5	6.5	19
68	Thyroid function in patients with Prader-Willi syndrome: an Italian multicenter study of 339 patients. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2019 , 32, 159-165	1.6	18
67	Triglycerides-to-HDL cholesterol ratio as screening tool for impaired glucose tolerance in obese children and adolescents. <i>Acta Diabetologica</i> , 2016 , 53, 493-8	3.9	18
66	Management of Gonads in Adults with Androgen Insensitivity: An International Survey. <i>Hormone Research in Paediatrics</i> , 2018 , 90, 236-246	3.3	18
65	Addressing gaps in care of people with conditions affecting sex development and maturation. <i>Nature Reviews Endocrinology</i> , 2019 , 15, 615-622	15.2	17
64	Emotion recognition and expression in young obese participants: preliminary study. <i>Perceptual and Motor Skills</i> , 2007 , 105, 477-82	2.2	17
63	Severe obesity and cardiometabolic risk in children: comparison from two international classification systems. <i>PLoS ONE</i> , 2013 , 8, e83793	3.7	17
62	Response to growth hormone therapy in patients with growth hormone deficiency who at birth were small or appropriate in size for gestational age. <i>Journal of Pediatrics</i> , 1995 , 126, 474-7	3.6	16
61	The role of 21-hydroxylase in the pathogenesis of adrenal masses: review of the literature and focus on our own experience. <i>Journal of Endocrinological Investigation</i> , 2007 , 30, 615-23	5.2	15

60	Low growth hormone-binding protein in infants with congenital hypothyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 3643-6	5.6	15
59	Neonatal screening for congenital adrenal hyperplasia using a microfilter paper method for 17-alpha-hydroxyprogesterone radioimmunoassay. Experience gained from the study of 22,233 cases. <i>Hormone Research</i> , 1982 , 16, 4-9		15
58	Plasma Renin Measurements are Unrelated to Mineralocorticoid Replacement Dose in Patients With Primary Adrenal Insufficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	15
57	Clinical but Not Histological Outcomes in Males With 45,X/46,XY Mosaicism Vary Depending on Reason for Diagnosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 4366-4381	5.6	14
56	Two mutations causing complete androgen insensitivity: a frame-shift in the steroid binding domain and a Cys-->Phe substitution in the second zinc finger of the androgen receptor. <i>Human Molecular Genetics</i> , 1994 , 3, 1169-70	5.6	14
55	Thyroid function and prolactin levels in insulin-dependent diabetic children and adolescents. <i>Diabetes</i> , 1984 , 33, 522-6	0.9	14
54	Disordered prolactin secretion in the obese child and adolescent. <i>Archives of Disease in Childhood</i> , 1981 , 56, 386-9	2.2	14
53	Birth length and weight in congenital adrenal hyperplasia according to the different phenotypes. <i>European Journal of Pediatrics</i> , 2006 , 165, 380-3	4.1	13
52	Neonatal screening for 21-hydroxylase deficiency: a microfilter paper method for 17-alpha-hydroxyprogesterone assay. <i>Journal of Endocrinological Investigation</i> , 1982 , 5, 87-90	5.2	13
51	46,XX DSD due to Androgen Excess in Monogenic Disorders of Steroidogenesis: Genetic, Biochemical, and Clinical Features. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
50	Three novel AMH gene mutations in a patient with persistent mullerian duct syndrome and normal AMH serum dosage. <i>Hormone Research</i> , 2008 , 70, 124-8		12
49	Molecular study of human growth hormone gene cluster in three families with isolated growth hormone deficiency and similar phenotype. <i>European Journal of Pediatrics</i> , 1994 , 153, 635-41	4.1	12
48	Normative Basal Values of Hormones and Proteins of Gonadal and Adrenal Functions from Birth to Adulthood. <i>Sexual Development</i> , 2018 , 12, 50-94	1.6	11
47	Birth weight affects final height in patients treated for growth hormone deficiency. <i>Clinical Endocrinology</i> , 1999 , 51, 733-9	3.4	11
46	Haemorheologic and fibrinolytic evaluation in obese children and adolescents. <i>European Journal of Pediatrics</i> , 1988 , 147, 381-4	4.1	11
45	A sequence variation in 35JTR of CYP21A2 gene correlates with a mild form of congenital adrenal hyperplasia. <i>Journal of Endocrinological Investigation</i> , 2012 , 35, 298-305	5.2	10
44	Increased large artery intima media thickness in adolescents with either classical or non-classical congenital adrenal hyperplasia. <i>Journal of Endocrinological Investigation</i> , 2013 , 36, 12-5	5.2	10
43	Mutational and functional studies on NR5A1 gene in 46,XY disorders of sex development: identification of six novel loss of function mutations. <i>Fertility and Sterility</i> , 2018 , 109, 1105-1113	4.8	9

42	A new DAX1 gene mutation associated with congenital adrenal hypoplasia and hypogonadotropic hypogonadism. <i>American Journal of Medical Genetics, Part A</i> , 2005 , 135, 292-6	2.5	9
41	Involving Individuals with Disorders of Sex Development and Their Parents in Exploring New Models of Shared Learning: Proceedings from a DSDnet COST Action Workshop. <i>Sexual Development</i> , 2018 ,	1.6	9
40	Rare diseases research and practice. <i>Endocrine Development</i> , 2014 , 27, 234-56		8
39	Familial neurohypophyseal diabetes insipidus in 13 kindreds and 2 novel mutations in the vasopressin gene. <i>European Journal of Endocrinology</i> , 2019 , 181, 233-244	6.5	8
38	Real-World Estimates of Adrenal Insufficiency-Related Adverse Events in Children With Congenital Adrenal Hyperplasia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e192-e203	5.6	8
37	Global Application of the Assessment of Communication Skills of Paediatric Endocrinology Fellows in the Management of Differences in Sex Development Using the ESPE E-Learning.Org Portal. <i>Hormone Research in Paediatrics</i> , 2017 , 88, 127-139	3.3	6
36	Good overall behavioural adjustment in children and adolescents with classic congenital adrenal hyperplasia. <i>Endocrine</i> , 2020 , 68, 427-437	4	5
35	A genetic epidemiology study of congenital adrenal hyperplasia in Italy. <i>Clinical Genetics</i> , 2018 , 93, 223-227		5
34	Differential effects of 18- and 24-Gy cranial irradiation on growth rate and growth hormone release in children with prolonged survival after acute lymphocytic leukemia. <i>JAMA Pediatrics</i> , 1988 , 142, 1199-202		5
33	Gonadal and adrenal secretion of dehydroepiandrosterone sulfate in prepubertal and pubertal subjects. <i>Journal of Endocrinological Investigation</i> , 1981 , 4, 197-202	5.2	5
32	Congenital Adrenal Hyperplasias Presenting in the Newborn and Young Infant. <i>Frontiers in Pediatrics</i> , 2020 , 8, 593315	3.4	5
31	Primary Adrenal Insufficiency in Childhood: Data From a Large Nationwide Cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 762-773	5.6	5
30	Involvement of the skull base and vault in chronic idiopathic hyperphosphatasia. <i>Pediatric Radiology</i> , 1999 , 29, 16-8	2.8	4
29	In vivo isotope study of the thyroid with 99mTcO4- in neonatal congenital hypothyroidism. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1984 , 9, 351-3		4
28	Hemostatic balance alterations in obese children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1982 , 71, 479-84	3.1	4
27	Growth Trajectory and Adult Height in Children with Nonclassical Congenital Adrenal Hyperplasia. <i>Hormone Research in Paediatrics</i> , 2020 , 93, 173-181	3.3	4
26	International practice of corticosteroid replacement therapy in congenital adrenal hyperplasia: data from the I-CAH registry. <i>European Journal of Endocrinology</i> , 2021 , 184, 553-563	6.5	4
25	Two Moroccan Sisters Presenting with a Severe Salt-Wasting Form of Congenital Adrenal Hyperplasia but Normal Female Genitalia. <i>Sexual Development</i> , 2017 , 11, 82-85	1.6	3

24	Long term growth hormone (GH)-releasing hormone and biosynthetic GH therapy in GH-deficient children: comparison of therapeutic effectiveness. <i>Journal of Endocrinological Investigation</i> , 1990 , 13, 235-9	5.2	3
23	Hamartomas of the tuber cinereum and precocious puberty. <i>Pediatric Neurosurgery</i> , 1982 , 9, 222-31	0.9	3
22	Italian cross-sectional growth charts for height, weight and BMI (6-20 y)		3
21	Improving the diagnosis of 11 β -hydroxylase deficiency using home-made MLPA probes: identification of a novel chimeric CYP11B2/CYP11B1 gene in a Sicilian patient. <i>Journal of Endocrinological Investigation</i> , 2016 , 39, 291-5	5.2	2
20	Novel non-classic CYP21A2 variants, including combined alleles, identified in patients with congenital adrenal hyperplasia. <i>Clinical Biochemistry</i> , 2019 , 73, 50-56	3.5	2
19	Comment on "complete androgen insensitivity syndrome: optimizing diagnosis and management". <i>Case Reports in Obstetrics and Gynecology</i> , 2014 , 2014, 285715	0.8	2
18	Neonatal screening programme for congenital adrenal hyperplasia in a homogeneous Caucasian population. <i>Journal of Inherited Metabolic Disease</i> , 1986 , 9 Suppl 1, 142-6	5.4	2
17	Differences of sex development in the newborn: from clinical scenario to molecular diagnosis. <i>Minerva Pediatrics</i> , 2021 ,	1.5	2
16	EMOTION RECOGNITION AND EXPRESSION IN YOUNG OBESE PARTICIPANTS: PRELIMINARY STUDY. <i>Perceptual and Motor Skills</i> , 2007 , 105, 477	2.2	2
15	Evaluation of DSD training schools organized by cost action BM1303 "DSDnet". <i>Orphanet Journal of Rare Diseases</i> , 2018 , 13, 227	4.2	2
14	The rehabilitation of children and adolescents with severe or medically complicated obesity: an ISPED expert opinion document. <i>Eating and Weight Disorders</i> , 2017 , 22, 3-12	3.6	1
13	Disorders of Sexual Development in Newborns 2018 , 1893-1917		1
12	Disorders of Sexual Development in Newborns 2016 , 1-24		1
11	Gonadectomy in conditions affecting sex development: a registry-based cohort study. <i>European Journal of Endocrinology</i> , 2021 , 184, 791-801	6.5	1
10	Testosterone Therapy and Its Monitoring in Adolescent Boys with Hypogonadism: Results of an International Survey from the I-DSD Registry. <i>Sexual Development</i> , 2021 , 15, 236-243	1.6	1
9	Disorders of Sexual Development 2012 , 1004-1017		
8	Decreased prolactin secretion in obesity. <i>Journal of Pediatrics</i> , 1986 , 109, 391	3.6	
7	Disorders of Sexual Development in Newborns 2018 , 1-25		

6 Endocrine Diseases and Disorders of Thyroid Function in Newborns **2018**, 1833-1891

5 Endocrine Diseases and Disorders of Thyroid Function in Newborns **2018**, 1-62

4 Endocrine Diseases and Disorders of Thyroid Function in Newborns **2016**, 1-60

3 Endocrine Diseases of Newborn **2012**, 967-992

2 Hirsutism and Virilization **2014**, 145-157

1 Response to Letter to the Editor: "Clinical but Not Histological Outcomes in Males With 45,X/46,XY Mosaicism Vary Depending on Reason for Diagnosis". *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 5812-5813 5.6