Ron G Rosenfeld

List of Publications by Year
in descending order

91 papers	6,143 citations	81743 39 h-index	71532 76 g-index
101 all docs	101 docs citations	101 times ranked	4804 citing authors

#	Article	IF	Citations
1	The Insulin-Like Growth Factor-Binding Protein (IGFBP) Superfamily*. Endocrine Reviews, 1999, 20, 761-787.	8.9	832
2	Growth Hormone Insensitivity Associated with aSTAT5bMutation. New England Journal of Medicine, 2003, 349, 1139-1147.	13.9	492
3	Growth Hormone (GH) Insensitivity Due to Primary GH Receptor Deficiency. Endocrine Reviews, 1994, 15, 369-390.	8.9	456
4	Cutting Edge: Decreased Accumulation and Regulatory Function of CD4+CD25high T Cells in Human STAT5b Deficiency. Journal of Immunology, 2006, 177, 2770-2774.	0.4	212
5	Further Delineation of Aortic Dilation, Dissection, and Rupture in Patients With Turner Syndrome. Pediatrics, 1998, 102, e12-e12.	1.0	180
6	Evidence for a Continuum of Genetic, Phenotypic, and Biochemical Abnormalities in Children with Growth Hormone Insensitivity. Endocrine Reviews, 2011, 32, 472-497.	8.9	171
7	The Little Women of Loja â€" Growth Hormoneâ€"Receptor Deficiency in an Inbred Population of Southern Ecuador. New England Journal of Medicine, 1990, 323, 1367-1374.	13.9	150
8	Mutations in pregnancyâ€ßassociated plasma protein A2 cause short stature due to low <scp>IGF</scp> â€ł availability. EMBO Molecular Medicine, 2016, 8, 363-374.	3.3	147
9	Insulin Growth Factor-Based Dosing of Growth Hormone Therapy in Children: A Randomized, Controlled Study. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2480-2486.	1.8	144
10	Phenotype: Genotype Relationships in Growth Hormone Insensitivity Syndrome1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3529-3535.	1.8	137
11	Defects in growth hormone receptor signaling. Trends in Endocrinology and Metabolism, 2007, 18, 134-141.	3.1	134
12	Severe Growth Hormone Insensitivity Resulting from Total Absence of Signal Transducer and Activator of Transcription 5b. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4260-4266.	1.8	132
13	Genetic Evaluation of Short Stature. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 3080-3092.	1.8	128
14	STAT5b Deficiency: An Unsuspected Cause of Growth Failure, Immunodeficiency, and Severe Pulmonary Disease. Journal of Pediatrics, 2011, 158, 701-708.	0.9	110
15	Human Acid-Labile Subunit Deficiency: Clinical, Endocrine and Metabolic Consequences. Hormone Research, 2009, 72, 129-141.	1.8	109
16	Bone Mineral, Histomorphometry, and Body Composition in Adults with Growth Hormone Receptor Deficiency. Journal of Bone and Mineral Research, 1998, 13, 415-421.	3.1	102
17	Total Absence of Functional Acid Labile Subunit, Resulting in Severe Insulin-Like Growth Factor Deficiency and Moderate Growth Failure. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1826-1831.	1.8	91
18	Dominant-negative STAT5B mutations cause growth hormone insensitivity with short stature and mild immune dysregulation. Nature Communications, 2018, 9, 2105.	5.8	81

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19	The continuum of growth hormoneâ€“IGFâ€“I axis defects causing short stature: diagnostic and therapeutic challenges. Clinical Endocrinology, 2010, 72, 721-728.	1.2	79
20	The Growth Hormone Cascade and Its Role in Mammalian Growth. Hormone Research in Paediatrics, 2009, 71, 36-40.	0.8	74
21	Characterization of Insulin-Like Growth Factor Binding Proteins (IGFBPs) during Gestation in Mice: Effects of Hypophysectomy and an IGFBP-Specific Serum Protease Activity*. Endocrinology, 1990, 127, 2270-2280.	1.4	72
22	Binding Properties and Distribution of Insulin-Like Growth Factor Binding Protein-Related Protein 3 (IGFBP-rP3/NovH), an Additional Member of the IGFBP Superfamily1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 1096-1103.	1.8	66
23	Familial Short Stature Caused by Haploinsufficiency of the Insulin-Like Growth Factor I Receptor due to Nonsense-Mediated Messenger Ribonucleic Acid Decay. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1740-1747.	1.8	66
24	Novel Microcephalic Primordial Dwarfism Disorder Associated with Variants in the Centrosomal Protein Ninein. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E2140-E2151.	1.8	64
25	Insulin-Like Growth Factor Binding Protein-I Levels Are Strongly Associated with Insulin Sensitivity and Obesity in Early Pubertal Children1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 1935-1939.	1.8	61
26	Acid-labile subunit (ALS) deficiency. Best Practice and Research in Clinical Endocrinology and Metabolism, 2011, 25, 101-113.	2.2	60
27	Long-Term Surveillance of Growth Hormone Therapy. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 68-72.	1.8	60
28	Identification of Insulin-Like Growth Factor-Binding Protein-3 (IGFBP-3) and IGFBP-2 in Human Follicular Fluid*. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 1330-1338.	1.8	59
29	Severe Short Stature Caused by Novel Compound Heterozygous Mutations of the Insulin-Like Growth Factor 1 Receptor (IGF1R). Journal of Clinical Endocrinology and Metabolism, 2012, 97, E243-E247.	1.8	59
30	Impact of Heterozygosity for Acid-Labile Subunit (IGFALS) Gene Mutations on Stature: Results from the International Acid-Labile Subunit Consortium. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 4184-4191.	1.8	52
31	Growth Hormone Receptor Deficiency in Ecuador1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 4436-4443.	1.8	51
32	Insulin-like growth factor binding protein-3 and-5 are regulated by transforming growth factor-Î² and retinoic acid in the human prostate adenocarcinoma cell line PC-3. Endocrine, 1997, 6, 235-242.	1.1	49
33	Growth Hormone Insensitivity and Severe Short Stature in Siblings: A Novel Mutation at the Exon 13-Intron 13 Junction of the STAT5b Gene. Hormone Research in Paediatrics, 2007, 68, 218-224.	0.8	49
34	Generation and Characterization of an IGFBP-7 Antibody: Identification of 31kD IGFBP-7 in Human Biological Fluids and Hs578T Human Breast Cancer Conditioned Media. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1301-1303.	1.8	48
35	Transcriptional Regulation of Insulin-like Growth Factor-I by Interferon-Î³ Requires STAT-5b. Journal of Biological Chemistry, 2004, 279, 2728-2736.	1.6	48
36	A Novel Variant inCDKN1CIs Associated With Intrauterine Growth Restriction, Short Stature, and Early-Adulthood-Onset Diabetes. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2117-E2122.	1.8	45

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37	Insulin and IGF Binding by IGFBP-3 Fragments Derived From Proteolysis, Baculovirus Expression and Normal Human Urine. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 1392-1395.	1.8	44
38	The Insulin-like Growth Factor Binding Protein Superfamily: New Perspectives. Pediatrics, 1999, 104, 1018-1021.	1.0	43
39	Primary Growth Hormone (GH) Insensitivity and Insulin-Like Growth Factor Deficiency Caused by Novel Compound Heterozygous Mutations of the GH Receptor Gene: Genetic and Functional Studies of Simple and Compound Heterozygous States. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2223-2231.	1.8	42
40	Differentiating the roles of STAT5B and STAT5A in human CD4+ T cells. Clinical Immunology, 2013, 148, 227-236.	1.4	40
41	Treatment With Recombinant Human Insulin-Like Growth Factor-1 Improves Growth in Patients With PAPP-A2 Deficiency. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3879-3883.	1.8	40
42	A Novel Missense Mutation in the SH2 Domain of theSTAT5BGene Results in a Transcriptionally Inactive STAT5b Associated with Severe IGF-I Deficiency, Immune Dysfunction, and Lack of Pulmonary Disease. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E830-E839.	1.8	38
43	Identification of a Novel Heterozygous <i>IGF1</i> Splicing Mutation in a Large Kindred with Familial Short Stature. Hormone Research in Paediatrics, 2012, 78, 59-66.	0.8	38
44	Interaction of IGF-Binding Protein-Related Protein 1 with a Novel Protein, Neuroendocrine Differentiation Factor, Results in Neuroendocrine Differentiation of Prostate Cancer Cells. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4504-4511.	1.8	36
45	USE AND ABUSE OF HUMAN GROWTH HORMONE. Annual Review of Medicine, 1994, 45, 407-420.	5.0	35
46	Connective Tissue Growth Factor (IGFBP-rP2) Expression and Regulation in Cultured Bovine Endothelial Cells*. Endocrinology, 1999, 140, 1575-1580.	1.4	35
47	Reproducibility in Patterns of IGF Generation with Special Reference to Idiopathic Short Stature. Hormone Research in Paediatrics, 2003, 60, 237-246.	0.8	33
48	Nonclassical GH Insensitivity: Characterization of Mild Abnormalities of GH Action. Endocrine Reviews, 2019, 40, 476-505.	8.9	32
49	Expression and Down-Regulation by Retinoic Acid of IGF Binding Protein-2 and -4 in Medium from Human Neuroblastoma Cells. Journal of Neuroendocrinology, 1994, 6, 409-413.	1.2	29
50	Three Novel <i>IGFALS</i> Gene Mutations Resulting in Total ALS and Severe Circulating IGF-I/IGFBP-3 Deficiency in Children of Different Ethnic Origins. Hormone Research in Paediatrics, 2009, 71, 100-110.	0.8	29
51	STAT5B mutations in heterozygous state have negative impact on height: another clue in human stature heritability. European Journal of Endocrinology, 2015, 173, 291-296.	1.9	29
52	Screening a large pediatric cohort with GH deficiency for mutations in genes regulating pituitary development and GH secretion: Frequencies, phenotypes and growth outcomes. EBioMedicine, 2018, 36, 390-400.	2.7	29
53	Immunoblot studies of the acid-labile subunit (ALS) in biological fluids, normal human serum and in children with GH deficiency and GH receptor deficiency before and after long-term therapy with GH or IGF-I respectively. Clinical Endocrinology, 1997, 47, 657-666.	1.2	28
54	The IGF System: New Developments Relevant to Pediatric Practice. , 2005, 9, 1-10.		28

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55	Aberrant Folding of a Mutant Stat5b Causes Growth Hormone Insensitivity and Proteasomal Dysfunction. Journal of Biological Chemistry, 2006, 281, 6552-6558.	1.6	28
56	Biochemical Diagnostic Strategies in the Evaluation of Short Stature: The Diagnosis of Insulin-Like Growth Factor Deficiency. Hormone Research, 1996, 46, 170-173.	1.8	26
57	Mortality in Children Receiving Growth Hormone Treatment of Growth Disorders: Data From the Genetics and Neuroendocrinology of Short Stature International Study. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3195-3205.	1.8	26
58	Novel Dominant-Negative GH Receptor Mutations Expands the Spectrum of GHI and IGF-I Deficiency. Journal of the Endocrine Society, 2017, 1, 345-358.	0.1	26
59	IGFALS Gene Dosage Effects on Serum IGF-I and Glucose Metabolism, Body Composition, Bone Growth in Length and Width, and the Pharmacokinetics of Recombinant Human IGF-I Administration. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E703-E712.	1.8	25
60	In Vitro and in Vivo Characterization of MOD-4023, a Long-Acting Carboxy-Terminal Peptide (CTP)-Modified Human Growth Hormone. Molecular Pharmaceutics, 2016, 13, 631-639.	2.3	25
61	The Growth Hormone Receptor (GHR)c.899dupCMutation Functions as a Dominant Negative: Insights into the Pathophysiology of IntracellularGHRDefects. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1896-E1904.	1.8	24
62	Evaluation of the components of insulin-like growth factor (IGF)-IGF binding protein (IGFBP) system in adolescents with type 1 diabetes and persistent microalbuminuria: relationship with increased urinary excretion of IGFBP-3 18â€ƒkD N-terminal fragment. Clinical Endocrinology, 1999, 51, 587-596.	1.2	23
63	A Novel Y332C Missense Mutation in the Intracellular Domain of The Human Growth Hormone Receptor Does Not Alter STAT5b Signaling: Redundancy of GHR Intracellular Tyrosines Involved in STAT5b Signaling. Hormone Research in Paediatrics, 2011, 75, 187-199.	0.8	23
64	Synthesis of IGFBP-3 Fragments in a Baculovirus System and Characterization of Monoclonal Anti-IGFBP-3 Antibodies. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 2368-2370.	1.8	21
65	The effect of GH therapy on the immunoreactive forms and distribution of IGFBP-3, IGF-I, the acid-labile subunit, and growth rate in GH-deficient children. Endocrine, 1997, 7, 351-360.	2.2	21
66	Characterization and Hormonal Regulation of a Rat Ovarian Insulin-Like Growth Factor Binding Protein-5 Endopeptidase: An FSH-Inducible Granulosa Cell-Derived Metalloprotease*. Endocrinology, 1998, 139, 1249-1257.	1.4	20
67	Growth Hormone (GH) Insensitivity and Insulin-Like Growth Factor-I Deficiency in Inuit Subjects and an Ecuadorian Cohort: Functional Studies of Two Codon 180 GH Receptor Gene Mutations. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 1030-1037.	1.8	20
68	Insulin-Like Growth Factor Binding Proteins (IGFBPs) and IGFBP-Related Protein 1-Levels in Cerebrospinal Fluid of Children with Acute Lymphoblastic Leukemia1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 1283-1287.	1.8	19
69	Atypical GH Insensitivity Syndrome and Severe Insulin-Like Growth Factor-I Deficiency Resulting from Compound Heterozygous Mutations of the GH Receptor, Including a Novel Frameshift Mutation Affecting the Intracellular Domain. Hormone Research in Paediatrics, 2010, 74, 406-411.	0.8	19
70	The E180splice mutation in the GHR gene causing Laron syndrome: Witness of a Sephardic Jewish exodus from the Iberian Peninsula to the New World?. American Journal of Medical Genetics, Part A, 2014, 164, 1204-1208.	0.7	19
71	Expanding Genetic and Functional Diagnoses of <i>IGF1R</i> Haploinsufficiencies. Hormone Research in Paediatrics, 2017, 87, 412-422.	0.8	18
72	Severe Growth Deficiency is Associated with STAT5b Mutations that Disrupt Protein Folding and Activity. Molecular Endocrinology, 2013, 27, 150-161.	3.7	15

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73	Pregnancy-Associated Plasma Protein (PAPP)-A2 in Physiology and Disease. Cells, 2021, 10, 3576.	1.8	15
74	Genetic causes of growth hormone insensitivity beyond GHR. Reviews in Endocrine and Metabolic Disorders, 2021, 22, 43-58.	2.6	13
75	Interaction of IGF-Binding Protein-Related Protein 1 with a Novel Protein, Neuroendocrine Differentiation Factor, Results in Neuroendocrine Differentiation of Prostate Cancer Cells. , 0, .		13
76	Height Gain and Safety Outcomes in Growth Hormone-Treated Children with Idiopathic Short Stature: Experience from a Prospective Observational Study. Hormone Research in Paediatrics, 2019, 91, 241-251.	0.8	12
77	Hypertension, aortic dilatation and aortic dissection in Turner syndrome: a potentially lethal triad. Clinical Endocrinology, 2001, 54, 155-156.	1.2	10
78	A Novel Homozygous Mutation of the Acid-Labile Subunit <i>(IGFALS)</i> Gene in a Male Adolescent. JCRPE Journal of Clinical Research in Pediatric Endocrinology, 2019, 11, 432-438.	0.4	10
79	Increased Levels of IGF-I and IGFBP-3 in Synovial Fluids of Patients with Rheumatoid Arthritis. Endocrine Journal, 1998, 45, S141-S144.	0.7	7
80	Biology of the somatotroph axis (after the pituitary). Annales D'Endocrinologie, 2017, 78, 80-82.	0.6	6
81	When Is a Positive Test for Pediatric Growth Hormone Deficiency a True-Positive Test?. Hormone Research in Paediatrics, 2021, 94, 399-405.	0.8	5
82	Pharmacological Interventions for Short Stature: Pros and Cons. Nestle Nutrition Institute Workshop Series, 2013, 71, 207-217.	1.5	4
83	A Novel Mutation in Insulin-Like Growth Factor 1 Receptor (c.641-2A>G) Is Associated with Impaired Growth, Hypoglycemia, and Modified Immune Phenotypes. Hormone Research in Paediatrics, 2020, 93, 322-334.	0.8	3
84	The Molecular Basis of the Growth Hormone Insensitivity Syndrome. Clinical Pediatric Endocrinology, 1997, 6, 13-17.	0.4	3
85	The future of growth-promoting therapy. Growth Hormone and IGF Research, 2016, 28, 43-45.	0.5	2
86	Collection of blood in heparinized tubes does not alter the molecular distribution or forms of IGFBP-3 and IGF. Endocrine, 1996, 5, 1-8.	2.2	1
87	The History of Growth Hormone Therapy for Turner Syndrome. Clinical Pediatric Endocrinology, 1997, 6, 45-50.	0.4	1
88	Transitioning patients with childhood-onset growth hormone deficiency to treatment in adulthood. Journal of Pediatric Endocrinology and Metabolism, 2002, 15 Suppl 5, 1361-5.	0.4	1
89	Authorâ€™s Response: SHOXâ€”A Geneticistâ€™s View. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1912-1912.	1.8	0
90	Treatment of Growth Hormone Insensitivity with IGF-I: the Ecuadorian Experience. Clinical Pediatric Endocrinology, 1994, 3, 123-126.	0.4	0

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91	Consultation with the Specialist. Pediatrics in Review, 1996, 17, 143-144.	0.2	0