Pinchas Cohen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2411580/publications.pdf

Version: 2024-02-01

210 papers	18,849 citations	13099 68 h-index	14208 128 g-index
214 all docs	214 docs citations	214 times ranked	17069 citing authors

#	Article	IF	Citations
1	Extending human healthspan and longevity: a symposium report. Annals of the New York Academy of Sciences, 2022, 1507, 70-83.	3.8	18
2	The MOTS-c K14Q polymorphism in the mtDNA is associated with muscle fiber composition and muscular performance. Biochimica Et Biophysica Acta - General Subjects, 2022, 1866, 130048.	2.4	6
3	Humanin-induced autophagy plays important roles in skeletal muscle function and lifespan extension. Biochimica Et Biophysica Acta - General Subjects, 2022, 1866, 130017.	2.4	16
4	Effects of dietary omega-3 fatty acids on orthotopic prostate cancer progression, tumor associated macrophages, angiogenesis and T-cell activationâ€"dependence on GPR120. Prostate Cancer and Prostatic Diseases, 2022, 25, 539-546.	3.9	12
5	Bladder cancer cells shift rapidly and spontaneously to cisplatin-resistant oxidative phosphorylation that is trackable in real time. Scientific Reports, 2022, 12, 5518.	3.3	5
6	Mitochondria-derived peptides in aging and healthspan. Journal of Clinical Investigation, 2022, 132, .	8.2	44
7	Effect of Humanin G (HNG) on inflammation in age-related macular degeneration (AMD). Aging, 2022, 14, 4247-4269.	3.1	7
8	Nuclear-Encoded lncRNA MALAT1 Epigenetically Controls Metabolic Reprogramming in HCC Cells through the Mitophagy Pathway. Molecular Therapy - Nucleic Acids, 2021, 23, 264-276.	5.1	61
9	A pro-diabetogenic mtDNA polymorphism in the mitochondrial-derived peptide, MOTS-c. Aging, 2021, 13, 1692-1717.	3.1	28
10	MOTS-c reduces myostatin and muscle atrophy signaling. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E680-E690.	3.5	26
11	Effectiveness of a Weight Loss Program Using Digital Health in Adolescents and Preadolescents. Childhood Obesity, 2021, 17, 311-321.	1.5	11
12	Effect of aerobic and resistance exercise on the mitochondrial peptide MOTS-c in Hispanic and Non-Hispanic White breast cancer survivors. Scientific Reports, 2021, 11, 16916.	3.3	17
13	Acute endurance exercise stimulates circulating levels of mitochondrial-derived peptides in humans. Journal of Applied Physiology, 2021, 131, 1035-1042.	2.5	14
14	Plasma mitochondrial derived peptides MOTS-c and SHLP2 positively associate with android and liver fat in people without diabetes. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129991.	2.4	11
15	Host mitochondrial transcriptome response to SARS-CoV-2 in multiple cell models and clinical samples. Scientific Reports, 2021, 11, 3.	3.3	56
16	MOTS-c is an exercise-induced mitochondrial-encoded regulator of age-dependent physical decline and muscle homeostasis. Nature Communications, 2021, 12, 470.	12.8	97
17	The IL-27 component EBI-3 and its receptor subunit IL-27RÎ± are essential for the cytoprotective action of humanin on male germ cellsâ€. Biology of Reproduction, 2021, 104, 717-730.	2.7	4
18	Effect of dietary omega-3 fatty acids on castrate-resistant prostate cancer and tumor-associated macrophages. Prostate Cancer and Prostatic Diseases, 2020, 23, 127-135.	3.9	28

#	Article	IF	Citations
19	Mito-Omics and immune function: Applying novel mitochondrial omic techniques to the context of the aging immune system. Translational Medicine of Aging, 2020, 4, 132-140.	1.3	0
20	Peptides derived from small mitochondrial open reading frames: Genomic, biological, and therapeutic implications. Experimental Cell Research, 2020, 393, 112056.	2.6	50
21	High-intensity interval exercise increases humanin, a mitochondrial encoded peptide, in the plasma and muscle of men. Journal of Applied Physiology, 2020, 128, 1346-1354.	2.5	34
22	A Mitochondrial Genome-Wide Association Study of Cataract in a Latino Population. Translational Vision Science and Technology, 2020, 9, 25.	2.2	8
23	Increased expression of the mitochondrial derived peptide, MOTS-c, in skeletal muscle of healthy aging men is associated with myofiber composition. Aging, 2020, 12, 5244-5258.	3.1	33
24	The mitochondrial derived peptide humanin is a regulator of lifespan and healthspan. Aging, 2020, 12, 11185-11199.	3.1	67
25	The mitochondrialâ€derived peptide MOTSâ€c is a regulator of plasma metabolites and enhances insulin sensitivity. Physiological Reports, 2019, 7, e14171.	1.7	42
26	Diagnosis, Genetics, and Therapy of Short Stature in Children: A Growth Hormone Research Society International Perspective. Hormone Research in Paediatrics, 2019, 92, 1-14.	1.8	181
27	Metabolomic profile of diet-induced obesity mice in response to humanin and small humanin-like peptide 2 treatment. Metabolomics, 2019, 15, 88.	3.0	37
28	Comparing the Utility of Mitochondrial and Nuclear DNA to Adjust for Genetic Ancestry in Association Studies. Cells, 2019, 8, 306.	4.1	19
29	Effects of air pollution on mitochondrial function, mitochondrial DNA methylation, and mitochondrial peptide expression. Mitochondrion, 2019, 46, 22-29.	3.4	70
30	GRSF1 is an age-related regulator of senescence. Scientific Reports, 2019, 9, 5546.	3.3	11
31	MOTS-c: an equal opportunity insulin sensitizer. Journal of Molecular Medicine, 2019, 97, 487-490.	3.9	14
32	MITOCHONDRIAL SYSTEM BIOLOGY AS A WINDOW INTO DISEASES OF AGING. Innovation in Aging, 2019, 3, S555-S555.	0.1	0
33	Role of Host GPR120 in Mediating Dietary Omega-3 Fatty Acid Inhibition of Prostate Cancer. Journal of the National Cancer Institute, 2019, 111, 52-59.	6.3	23
34	Growth hormone therapy in children; research and practice â€“ A review. Growth Hormone and IGF Research, 2019, 44, 20-32.	1.1	52
35	Humanin is a novel regulator of Hedgehog signaling and prevents glucocorticoidâ€induced bone growth impairment. FASEB Journal, 2019, 33, 4962-4974.	0.5	29
36	Downregulation of circulating MOTS-c levels in patients with coronary endothelial dysfunction. International Journal of Cardiology, 2018, 254, 23-27.	1.7	58

#	Article	IF	Citations
37	Phase II prospective randomized trial of weight loss prior to radical prostatectomy. Prostate Cancer and Prostatic Diseases, 2018, 21, 212-220.	3.9	24
38	Humanin Prevents Age-Related Cognitive Decline in Mice and is Associated with Improved Cognitive Age in Humans. Scientific Reports, 2018, 8, 14212.	3.3	74
39	Characterizing the protective effects of SHLP2, a mitochondrial-derived peptide, in macular degeneration. Scientific Reports, 2018, 8, 15175.	3.3	51
40	Mitochondrial biology and prostate cancer ethnic disparity. Carcinogenesis, 2018, 39, 1311-1319.	2.8	29
41	Mitochondrial peptides modulate mitochondrial function during cellular senescence. Aging, 2018, 10, 1239-1256.	3.1	98
42	Chronic treatment with the mitochondrial peptide humanin prevents age-related myocardial fibrosis in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H1127-H1136.	3.2	46
43	Late-life targeting of the IGF-1 receptor improves healthspan and lifespan in female mice. Nature Communications, 2018, 9, 2394.	12.8	106
44	Effects of Prolonged GRP78 Haploinsufficiency on Organ Homeostasis, Behavior, Cancer and Chemotoxic Resistance in Aged Mice. Scientific Reports, 2017, 7, 40919.	3.3	11
45	Fasting-mimicking diet and markers/risk factors for aging, diabetes, cancer, and cardiovascular disease. Science Translational Medicine, 2017, 9, .	12.4	363
46	Fasting-Mimicking Diet Promotes Ngn3-Driven Î²-Cell Regeneration to Reverse Diabetes. Cell, 2017, 168, 775-788.e12.	28.9	274
47	The GH receptor exon 3 deletion is a marker of male-specific exceptional longevity associated with increased GH sensitivity and taller stature. Science Advances, 2017, 3, e1602025.	10.3	47
48	Hypothalamic-Pituitary Axis Regulates Hydrogen Sulfide Production. Cell Metabolism, 2017, 25, 1320-1333.e5.	16.2	71
49	Mitochondrially derived peptides as novel regulators of metabolism. Journal of Physiology, 2017, 595, 6613-6621.	2.9	142
50	Feeling misguided: a comment on the US guidelines on growth hormone and insulin-like growth factor-I treatment in children and adolescents. Current Opinion in Pediatrics, 2017, 29, 472-474.	2.0	1
51	Subcellular Fractionation for ERK Activation Upon Mitochondrial-derived Peptide Treatment. Journal of Visualized Experiments, 2017, , .	0.3	3
52	The Mitochondrial-Derived Peptides, HumaninS14G and Small Humanin-like Peptide 2, Exhibit Chaperone-like Activity. Scientific Reports, 2017, 7, 7802.	3.3	43
53	Humanin G (HNG) protects age-related macular degeneration (AMD) transmitochondrial ARPE-19 cybrids from mitochondrial and cellular damage. Cell Death and Disease, 2017, 8, e2951-e2951.	6.3	71
54	The Oxygen Paradox, the French Paradox, and age-related diseases. GeroScience, 2017, 39, 499-550.	4.6	59

#	Article	IF	Citations
55	Mitochondrial DNA Hypomethylation Is a Biomarker Associated with Induced Senescence in Human Fetal Heart Mesenchymal Stem Cells. Stem Cells International, 2017, 2017, 1-12.	2.5	32
56	Low circulating levels of the mitochondrial-peptide hormone SHLP2: novel biomarker for prostate cancer risk. Oncotarget, 2017, 8, 94900-94909.	1.8	29
57	Naturally occurring mitochondrial-derived peptides are age-dependent regulators of apoptosis, insulin sensitivity, and inflammatory markers. Aging, 2016, 8, 796-809.	3.1	185
58	The Mitochondrial-Derived Peptide Humanin Protects RPE Cells From Oxidative Stress, Senescence, and Mitochondrial Dysfunction. , 2016, 57, 1238.		142
59	The mitochondrial-derived peptide humanin activates the ERK1/2, AKT, and STAT3 signaling pathways and has age-dependent signaling differences in the hippocampus. Oncotarget, 2016, 7, 46899-46912.	1.8	69
60	Growth Hormone Research Society perspective on the development of long-acting growth hormone preparations. European Journal of Endocrinology, 2016, 174, C1-C8.	3.7	99
61	MOTS-c: A novel mitochondrial-derived peptide regulating muscle and fat metabolism. Free Radical Biology and Medicine, 2016, 100, 182-187.	2.9	128
62	Effect of Dietary Omegaâ€3 Fatty Acids on Tumorâ€Associated Macrophages and Prostate Cancer Progression. Prostate, 2016, 76, 1293-1302.	2.3	51
63	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. Cell Metabolism, 2016, 23, 1093-1112.	16.2	360
64	Central insulinâ€like growth factorâ€1 (<scp>IGF</scp> â€1) restores wholeâ€body insulin action in a model of ageâ€related insulin resistance and <scp>IGF</scp> â€1 decline. Aging Cell, 2016, 15, 181-186.	6.7	42
65	Humanin Protects RPE Cells from Endoplasmic Reticulum Stress-Induced Apoptosis by Upregulation of Mitochondrial Glutathione. PLoS ONE, 2016, 11, e0165150.	2.5	43
66	Lower circulating insulin-like growth factor-I is associated with better cognition in females with exceptional longevity without compromise to muscle mass and function. Aging, 2016, 8, 2414-2424.	3.1	27
67	The effects of humanin and its analogues on male germ cell apoptosis induced by chemotherapeutic drugs. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 551-561.	4.9	39
68	The effect of sex on humanin levels in healthy adults and patients with uncomplicated type 1 diabetes mellitus. Canadian Journal of Physiology and Pharmacology, 2015, 93, 239-243.	1.4	8
69	The Mitochondrial-Derived Peptide MOTS-c Promotes Metabolic Homeostasis and Reduces Obesity and Insulin Resistance. Cell Metabolism, 2015, 21, 443-454.	16.2	464
70	A Periodic Diet that Mimics Fasting Promotes Multi-System Regeneration, Enhanced Cognitive Performance, and Healthspan. Cell Metabolism, 2015, 22, 86-99.	16.2	635
71	Rat Humanin is encoded and translated in mitochondria and is localized to the mitochondrial compartment where it regulates ROS production. Molecular and Cellular Endocrinology, 2015, 413, 96-100.	3.2	39
72	Status of long-acting-growth hormone preparations â€" 2015. Growth Hormone and IGF Research, 2015, 25, 201-206.	1.1	61

#	Article	IF	Citations
73	The Potent Humanin Analogue (HNG) Protects Germ Cells and Leucocytes While Enhancing Chemotherapy-Induced Suppression of Cancer Metastases in Male Mice. Endocrinology, 2015, 156, 4511-4521.	2.8	33
74	IGF-I regulates the age-dependent signaling peptide humanin. Aging Cell, 2014, 13, 958-961.	6.7	68
75	Doseâ€sparing and safetyâ€enhancing effects of an IGF â€Iâ€based dosing regimen in short children treated with growth hormone in a 2â€year randomized controlled trial: therapeutic and pharmacoeconomic considerations. Clinical Endocrinology, 2014, 81, 71-76.	2.4	31
76	Low Protein Intake Is Associated with a Major Reduction in IGF-1, Cancer, and Overall Mortality in the 65 and Younger but Not Older Population. Cell Metabolism, 2014, 19, 407-417.	16.2	715
77	New Role for the Mitochondrial Peptide Humanin: Protective Agent Against Chemotherapy-Induced Side Effects. Journal of the National Cancer Institute, 2014, 106, dju006-dju006.	6.3	32
78	Effect of a Low-Fat Fish Oil Diet on Proinflammatory Eicosanoids and Cell-Cycle Progression Score in Men Undergoing Radical Prostatectomy. Cancer Prevention Research, 2014, 7, 97-104.	1.5	36
79	Low insulinâ€like growth factorâ€1 level predicts survival in humans with exceptional longevity. Aging Cell, 2014, 13, 769-771.	6.7	175
80	Resveratrol worsens survival in SCID mice with prostate cancer xenografts in a cellâ€line specific manner, through paradoxical effects on oncogenic pathways. Prostate, 2013, 73, 754-762.	2.3	29
81	Pharmacokinetics and Tissue Distribution of Humanin and Its Analogues in Male Rodents. Endocrinology, 2013, 154, 3739-3744.	2.8	45
82	IGFBP-3 Nuclear Localization Predicts Human Prostate Cancer Recurrence. Hormones and Cancer, 2013, 4, 12-23.	4.9	35
83	Efficacy of <scp>IGF</scp>â€based growth hormone (<scp>GH</scp>) dosing in non<scp>GH</scp>â€deficient (non<scp>GHD</scp>) short stature children with low <scp>IGF</scp>â€<scp>I</scp> is not related to basal <scp>IGF</scp>â€<scp>I</scp> levels. Clinical Endocrinology, 2013, 78, 405-414.	2.4	20
84	The emerging role of the mitochondrial-derived peptide humanin in stress resistance. Journal of Molecular Endocrinology, 2013, 50, R11-R19.	2.5	163
85	Humanin: a harbinger of mitochondrial-derived peptides?. Trends in Endocrinology and Metabolism, 2013, 24, 222-228.	7.1	217
86	Protein restriction cycles reduce <scp>IGF</scp>â€1 and phosphorylated Tau, and improve behavioral performance in an Alzheimer's disease mouse model. Aging Cell, 2013, 12, 257-268.	6.7	71
87	Response of the Insulin-Like Growth Factor (IGF) System to IGF-IR Inhibition and Androgen Deprivation in a Neoadjuvant Prostate Cancer Trial: Effects of Obesity and Androgen Deprivation. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E820-E828.	3.6	22
88	Growth Hormone Receptor (GHR) Exon 3 Polymorphism Status Detection by Dual-Enzyme-Linked Immunosorbent Assay (ELISA). Journal of Clinical Endocrinology and Metabolism, 2013, 98, E77-E81.	3.6	8
89	Prepubertal Children with Growth Hormone Deficiency Treated for Four Years with Growth Hormone Experience Dose-Dependent Increase in Height, but Not in the Rate of Puberty Initiation. Hormone Research in Paediatrics, 2013, 80, 28-37.	1.8	7
90	Effects of Calorie Restriction and IGF-1 Receptor Blockade on the Progression of 22Rv1 Prostate Cancer Xenografts. International Journal of Molecular Sciences, 2013, 14, 13782-13795.	4.1	26

#	Article	IF	Citations
91	Effect of a Low-Fat Diet Combined with IGF-1 Receptor Blockade on 22Rv1 Prostate Cancer Xenografts. Molecular Cancer Therapeutics, 2012, 11, 1539-1546.	4.1	12
92	Long-Term Surveillance of Growth Hormone Therapy. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 68-72.	3.6	60
93	Humanin prevents intra-renal microvascular remodeling and inflammation in hypercholesterolemic ApoE deficient mice. Life Sciences, 2012, 91, 199-206.	4.3	51
94	How useful are serum IGF-I measurements for managing GH replacement therapy in adults and children?. Pituitary, 2012, 15, 126-134.	2.9	23
95	Humanin, a Cytoprotective Peptide, Is Expressed in Carotid Artherosclerotic Plaques in Humans. PLoS ONE, 2012, 7, e31065.	2.5	43
96	Insulin-like growth factor (IGF)-I and IGF-II contribute differentially to the phenotype of pregnancy associated plasma protein-A knock-out mice. Growth Hormone and IGF Research, 2011, 21, 243-247.	1.1	13
97	Phase II Prospective Randomized Trial of a Low-Fat Diet with Fish Oil Supplementation in Men Undergoing Radical Prostatectomy. Cancer Prevention Research, 2011, 4, 2062-2071.	1.5	61
98	Growth Hormone Receptor Deficiency Is Associated with a Major Reduction in Pro-Aging Signaling, Cancer, and Diabetes in Humans. Science Translational Medicine, 2011, 3, 70ra13.	12.4	612
99	Humanin preserves endothelial function and prevents atherosclerotic plaque progression in hypercholesterolemic ApoE deficient mice. Atherosclerosis, 2011, 219, 65-73.	0.8	92
100	IGFBP-3 Is a Metastasis Suppression Gene in Prostate Cancer. Cancer Research, 2011, 71, 5154-5163.	0.9	84
101	The neurosurvival factor Humanin inhibits Î²-cell apoptosis via signal transducer and activator of transcription 3 activation and delays and ameliorates diabetes in nonobese diabetic mice. Metabolism: Clinical and Experimental, 2010, 59, 343-349.	3.4	118
102	Effect of intermittent fasting with or without caloric restriction on prostate cancer growth and survival in SCID mice. Prostate, 2010, 70, 1037-1043.	2.3	43
103	Chemoprevention of prostate cancer with lycopene in the TRAMP model. Prostate, 2010, 70, 1547-1554.	2.3	55
104	Reduced Levels of IGF-I Mediate Differential Protection of Normal and Cancer Cells in Response to Fasting and Improve Chemotherapeutic Index. Cancer Research, 2010, 70, 1564-1572.	0.9	245
105	Interaction of Insulin-like Growth Factor-binding Protein-3 and BAX in Mitochondria Promotes Male Germ Cell Apoptosis. Journal of Biological Chemistry, 2010, 285, 1726-1732.	3.4	29
106	Humanin is expressed in human vascular walls and has a cytoprotective effect against oxidized LDL-induced oxidative stress. Cardiovascular Research, 2010, 88, 360-366.	3.8	148
107	Opposing Roles of Insulin-Like Growth Factor Binding Protein 3 and Humanin in the Regulation of Testicular Germ Cell Apoptosis. Endocrinology, 2010, 151, 350-357.	2.8	54
108	Variable Degree of Growth Hormone (GH) and Insulin-Like Growth Factor (IGF) Sensitivity in Children with Idiopathic Short Stature Compared with GH-Deficient Patients: Evidence from an IGF-Based Dosing Study of Short Children. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2089-2098.	3.6	94

#	Article	IF	Citations
109	Pomegranate extract induces apoptosis in human prostate cancer cells by modulation of the IGFâ€“IGFBP axis. Growth Hormone and IGF Research, 2010, 20, 55-62.	1.1	93
110	Fasting and cancer treatment in humans: A case series report. Aging, 2009, 1, 988-1007.	3.1	305
111	Serum complexes of insulinâ€like growth factorâ€1 modulate skeletal integrity and carbohydrate metabolism. FASEB Journal, 2009, 23, 709-719.	0.5	90
112	The Effects of Varying Dietary Carbohydrate and Fat Content on Survival in a Murine LNCaP Prostate Cancer Xenograft Model. Cancer Prevention Research, 2009, 2, 557-565.	1.5	98
113	Liver-specific Deletion of the Growth Hormone Receptor Reveals Essential Role of Growth Hormone Signaling in Hepatic Lipid Metabolism. Journal of Biological Chemistry, 2009, 284, 19937-19944.	3.4	230
114	PAPA-1 Is a Nuclear Binding Partner of IGFBP-2 and Modulates Its Growth-Promoting Actions. Molecular Endocrinology, 2009, 23, 169-175.	3.7	30
115	Enhancing the Apoptotic Potential of Insulin-Like Growth Factor-Binding Protein-3 in Prostate Cancer by Modulation of CK2 Phosphorylation. Molecular Endocrinology, 2009, 23, 1624-1633.	3.7	15
116	Humanin: A Novel Central Regulator of Peripheral Insulin Action. PLoS ONE, 2009, 4, e6334.	2.5	200
117	Carbohydrate restriction, prostate cancer growth, and the insulinâ€like growth factor axis. Prostate, 2008, 68, 11-19.	2.3	140
118	Quantitative ontogeny of murine insulin-like growth factor (IGF)-I, IGF-binding protein-3 and the IGF-related acid-labile subunit. Growth Hormone and IGF Research, 2008, 18, 65-74.	1.1	27
119	Functionally significant insulin-like growth factor I receptor mutations in centenarians. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3438-3442.	7.1	630
120	Effect of Low-Fat Diet on Development of Prostate Cancer and Akt Phosphorylation in the Hi-Myc Transgenic Mouse Model. Cancer Research, 2008, 68, 3066-3073.	0.9	74
121	Targeted Deletion of Hepatic Igf1 in TRAMP Mice Leads to Dramatic Alterations in the Circulating Insulin-Like Growth Factor Axis but Does Not Reduce Tumor Progression. Cancer Research, 2008, 68, 3342-3349.	0.9	52
122	Surprising New Height Regulating Genes: Beyond Growth Hormone and IGF-I. Pediatric Research, 2008, 64, 461-461.	2.3	1
123	SnoRNA Snord116 (Pwcr1/MBII-85) Deletion Causes Growth Deficiency and Hyperphagia in Mice. PLoS ONE, 2008, 3, e1709.	2.5	251
124	Homeostatic Imbalance between Apoptosis and Cell Renewal in the Liver of Premature Aging XpdTTD Mice. PLoS ONE, 2008, 3, e2346.	2.5	26
125	Dietary Feeding of Silibinin Inhibits Prostate Tumor Growth and Progression in Transgenic Adenocarcinoma of the Mouse Prostate Model. Cancer Research, 2007, 67, 11083-11091.	0.9	71
126	Contribution of the orphan nuclear receptor Nur77 to the apoptotic action of IGFBP-3. Carcinogenesis, 2007, 28, 1653-1658.	2.8	41

#	Article	IF	Citations
127	Insulin-Like Growth Factor Binding Protein-3 Induces Insulin Resistance in Adipocytes In Vitro and in Rats In Vivo. Pediatric Research, 2007, 61, 159-164.	2.3	54
128	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.	3.6	144
129	Growth Hormone Therapy Improves Bone Mineral Density in Children with Cerebral Palsy: A Preliminary Pilot Study. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 932-937.	3.6	49
130	A mechanism to explain how regular exercise might reduce the risk for clinical prostate cancer. European Journal of Cancer Prevention, 2007, 16, 415-421.	1.3	52
131	Spinal Bone Mineral Density, IGF-1 and IGFBP-3 in Children with Cerebral Palsy. Hormone Research in Paediatrics, 2007, 68, 316-320.	1.8	14
132	REVIEW: The Somatomedin Hypothesis 2007: 50 Years Later. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 4529-4535.	3.6	156
133	Hormonal regulation of IGFBP-2 proteolysis is attenuated with progression to androgen insensitivity in the LNCaP progression model. Journal of Cellular Physiology, 2007, 213, 261-268.	4.1	16
134	Anti-apoptotic factor humanin is expressed in the testis and prevents cell-death in leydig cells during the first wave of spermatogenesis. Journal of Cellular Physiology, 2006, 208, 373-385.	4.1	50
135	Insulin-like growth factor binding protein 3 as an anticancer molecule in Ewing's sarcoma. International Journal of Cancer, 2006, 119, 1039-1046.	5.1	49
136	Insulin-Like Growth Factor Binding Protein-3: Insulin-Like Growth Factor Independence Comes of Age. Endocrinology, 2006, 147, 2109-2111.	2.8	34
137	Problems with Reclassification of Insulin-Like Growth Factor I Production and Action Disorders. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4235-4236.	3.6	39
138	Identification of Insulin-Like Growth Factor Binding Protein-3 as a Farnesyl Transferase Inhibitor SCH66336-Induced Negative Regulator of Angiogenesis in Head and Neck Squamous Cell Carcinoma. Clinical Cancer Research, 2006, 12, 653-661.	7.0	48
139	The ternary IGF complex influences postnatal bone acquisition and the skeletal response to intermittent parathyroid hormone. Journal of Endocrinology, 2006, 189, 289-299.	2.6	78
140	Central and Opposing Effects of IGF-I and IGF-Binding Protein-3 on Systemic Insulin Action. Diabetes, 2006, 55, 2788-2796.	0.6	72
141	Phosphorylation by DNA-Dependent Protein Kinase Is Critical for Apoptosis Induction by Insulin-Like Growth Factor Binding Protein-3. Cancer Research, 2006, 66, 10878-10884.	0.9	41
142	Effect of Altering Dietary Ï‰-6/Ï‰-3 Fatty Acid Ratios on Prostate Cancer Membrane Composition, Cyclooxygenase-2, and Prostaglandin E2. Clinical Cancer Research, 2006, 12, 4662-4670.	7.0	155
143	Control of aging and longevity by IGF-I signaling. Experimental Gerontology, 2005, 40, 867-872.	2.8	62
144	Allelic differences in a quantitative trait locus affecting insulin-like growth factor-I impact skeletal acquisition and body composition. Pediatric Nephrology, 2005, 20, 255-260.	1.7	26

#	Article	IF	Citations
145	p53-Dependent and p53-Independent Induction of Insulin-Like Growth Factor Binding Protein-3 by Deoxyribonucleic Acid Damage and Hypoxia. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 3568-3574.	3.6	57
146	Rapid Apoptosis Induction by IGFBP-3 Involves an Insulin-like Growth Factor-independent Nucleomitochondrial Translocation of RXRÎ±/Nur77. Journal of Biological Chemistry, 2005, 280, 16942-16948.	3.4	130
147	Combination Therapy of Insulin-Like Growth Factor Binding Protein-3 and Retinoid X Receptor Ligands Synergize on Prostate Cancer Cell Apoptosis In vitro and In vivo. Clinical Cancer Research, 2005, 11, 4851-4856.	7.0	44
148	Racial Differences in Prognostic Value of Adult Height for Biochemical Progression Following Radical Prostatectomy. Clinical Cancer Research, 2005, 11, 7735-7742.	7.0	1
149	Pharmacodynamic Considerations with Recombinant Human Insulin-Like Growth Factor-I in Children. Hormone Research in Paediatrics, 2005, 63, 220-227.	1.8	21
150	The role of the insulin-like growth factor system in prenatal growth. Molecular Genetics and Metabolism, 2005, 86, 84-90.	1.1	204
151	EWS/FLI-1 Silencing and Gene Profiling of Ewing Cells Reveal Downstream Oncogenic Pathways and a Crucial Role for Repression of Insulin-Like Growth Factor Binding Protein 3. Molecular and Cellular Biology, 2004, 24, 7275-7283.	2.3	376
152	The Role of Insulin-Like Growth Factor I Monitoring in Growth Hormone-Treated Children. Hormone Research in Paediatrics, 2004, 62, 59-65.	1.8	38
153	Cellular Internalization of Insulin-like Growth Factor Binding Protein-3. Journal of Biological Chemistry, 2004, 279, 469-476.	3.4	124
154	Phenotypic effects of leptin replacement on morbid obesity, diabetes mellitus, hypogonadism, and behavior in leptin-deficient adults. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4531-4536.	7.1	445
155	A functional genomics approach for the identification of putative tumor suppressor genes: Dickkopf-1 as suppressor of HeLa cell transformation. Carcinogenesis, 2004, 25, 47-59.	2.8	83
156	Insulin-like growth factor binding protein-3 is a novel mediator of apoptosis in insulin-secreting cells. Growth Hormone and IGF Research, 2004, 14, 216-225.	1.1	14
157	Is treatment with growth hormone effective in children with cerebral palsy?. Developmental Medicine and Child Neurology, 2004, 46, 569-71.	2.1	15
158	Novel stimulatory role for insulin-like growth factor binding protein-2 in prostate cancer cells. International Journal of Cancer, 2003, 105, 14-19.	5.1	87
159	Update of guidelines for the use of growth hormone in children: the Lawson Wilkins pediatric endocrinology society drug and therapeutics committee. Journal of Pediatrics, 2003, 143, 415-421.	1.8	231
160	Type Iα collagen is an IGFBP-3 binding protein. Growth Hormone and IGF Research, 2003, 13, 89-97.	1.1	41
161	Interaction between the Alzheimer's survival peptide humanin and insulin-like growth factor-binding protein 3 regulates cell survival and apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13042-13047.	7.1	250
162	Insulin-Like Growth Factor I Stimulates Telomerase Activity in Prostate Cancer Cells. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3354-3359.	3.6	53

#	Article	IF	Citations
163	Rapid Insulin-Like Growth Factor (IGF)-Independent Effects of IGF Binding Protein-3 on Endothelial Cell Survival. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 900-907.	3.6	75
164	Effect of isocaloric low-fat diet on human LAPC-4 prostate cancer xenografts in severe combined immunodeficient mice and the insulin-like growth factor axis. Clinical Cancer Research, 2003, 9, 2734-43.	7.0	66
165	Association between the Insulin Resistance of Puberty and the Insulin-Like Growth Factor-I/Growth Hormone Axis. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 4817-4820.	3.6	172
166	Effects of Dose and Gender on the Growth and Growth Factor Response to GH in GH-Deficient Children: Implications for Efficacy and Safety. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 90-98.	3.6	156
167	Biological significance of insulin-like growth factor binding proteins. NeuroImmune Biology, 2002, 2, 37-65.	0.2	0
168	Diagnosis and management of growth hormone deficiency in childhood and adolescence â€“ Part 2: Growth hormone treatment in growth hormone deficient children. Growth Hormone and IGF Research, 2002, 12, 323-341.	1.1	47
169	Effect of diet and exercise on serum insulin, IGF-I, and IGFBP-1 levels and growth of LNCaP cells in vitro (United States). Cancer Causes and Control, 2002, 13, 929-935.	1.8	104
170	Insulin-like growth factor binding protein-3 inhibits the growth of non-small cell lung cancer. Cancer Research, 2002, 62, 3530-7.	0.9	124
171	Diagnosis and management of growth hormone deficiency in childhood and adolescence. Growth Hormone and IGF Research, 2001, 11, 137-165.	1.1	124
172	Insulin and insulin-like growth factor-I cause vasorelaxation in human vessels in vitro. Coronary Artery Disease, 2000, 11, 69-76.	0.7	49
173	Prostatic involution in men taking finasteride is associated with elevated levels of insulin-like growth factor-binding proteins (IGFBPs)-2, -4, and -5. , 2000, 42, 203-210.		25
174	Role of insulin-like growth factors and their binding proteins in growth control and carcinogenesis. Journal of Cellular Physiology, 2000, 183, 1-9.	4.1	455
175	Insulin-like growth factor binding protein-6 activates programmed cell death in non-small cell lung cancer cells. Oncogene, 2000, 19, 4432-4436.	5.9	69
176	IGFBP-3 mediates TGF-Î²1-induced cell growth in human airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 278, L545-L551.	2.9	68
177	Insulin-Like Growth Factor Binding Protein-6 Inhibits the Growth of Human Bronchial Epithelial Cells and Increases in Abundance with All-trans-Retinoic Acid Treatment. American Journal of Respiratory Cell and Molecular Biology, 2000, 23, 297-303.	2.9	32
178	Direct Functional Interactions between Insulin-like Growth Factor-binding Protein-3 and Retinoid X Receptor-Î± Regulate Transcriptional Signaling and Apoptosis. Journal of Biological Chemistry, 2000, 275, 33607-33613.	3.4	287
179	Does the GHâ€“IGF axis play a role in cancer pathogenesis?. Growth Hormone and IGF Research, 2000, 10, 297-305.	1.1	145
180	Human Papillomavirus Type 16 E7 Oncoprotein Binds and Inactivates Growth-Inhibitory Insulin-Like Growth Factor Binding Protein 3. Molecular and Cellular Biology, 2000, 20, 6483-6495.	2.3	9

#	Article	IF	Citations
181	Suppression of Insulin Oversecretion by Subcutaneous Recombinant Human Insulin-Like Growth Factor I in Children with Congenital Hyperinsulinism Due to Defective Î²-Cell Sulfonylurea Receptor1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 3117-3124.	3.6	10
182	Elevated Levels of the IGF-Binding Protein Protease MMP-1 in Asthmatic Airway Smooth Muscle. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 199-208.	2.9	69
183	Growth Regulation of Prostatic Stromal Cells by Prostate-Specific Antigen. Journal of the National Cancer Institute, 1999, 91, 1663-1669.	6.3	66
184	Attenuated In Vitro Coronary Arteriolar Vasorelaxation to Insulin-like Growth Factor I in Experimental Hypercholesterolemia. Hypertension, 1999, 34, 89-95.	2.7	24
185	Insulin-Like Growth Factor Binding Proteins: New Proteins, New Functions. Hormone Research in Paediatrics, 1999, 51, 53-67.	1.8	145
186	Inflammation-related neutrophil proteases, cathepsin G and elastase, function as insulin-like growth factor binding protein proteases. Growth Hormone and IGF Research, 1999, 9, 241-253.	1.1	51
187	The â€œtwo bag systemâ€•for variable intravenous dextrose and fluid administration: Benefits in diabetic ketoacidosis management. Journal of Pediatrics, 1999, 134, 376-378.	1.8	42
188	Novel Aspects of the Insulin-like Growth Factor Binding Proteins. Molecular Genetics and Metabolism, 1999, 68, 161-181.	1.1	121
189	The Insulin-like Growth Factor Axis in Pediatrics. Clinical Pediatric Endocrinology, 1999, 8, 1-10.	0.8	7
190	Insulin-like growth factor binding protein 5 is associated with involution of the ventral prostate in castrated and finasteride-treated rats. , 1998, 35, 273-278.		24
191	Insulin-like growth factor binding protein-4 accumulation is negatively correlated with growth rate in TM-3 cells. Growth Hormone and IGF Research, 1998, 8, 277-282.	1.1	4
192	Insulin and Insulin-like Growth Factor-I Cause Coronary Vasorelaxation In Vitro. Hypertension, 1998, 32, 228-234.	2.7	72
193	All-trans-retinoic Acid Increases Transforming Growth Factor-Î²2 and Insulin-like Growth Factor Binding Protein-3 Expression through a Retinoic Acid Receptor-Î±-dependent Signaling Pathway. Journal of Biological Chemistry, 1997, 272, 13711-13716.	3.4	88
194	Insulin-like Growth Factor (IGF)-binding Protein-3 Induces Apoptosis and Mediates the Effects of Transforming Growth Factor-Î²1 on Programmed Cell Death through a p53- and IGF-independent Mechanism. Journal of Biological Chemistry, 1997, 272, 12181-12188.	3.4	646
195	Insulin-like growth factor binding protein-1 levels in the diagnosis of hypoglycemia caused by hyperinsulinism. Journal of Pediatrics, 1997, 131, 193-199.	1.8	63
196	Acid-activated insulin-like growth factor binding protein protease activity of Cathepsin D in normal and malignant prostatic epithelial cells and seminal plasma. Journal of Cellular Physiology, 1997, 171, 196-204.	4.1	27
197	THE ROLE OF THE INSULIN-LIKE GROWTH FACTOR BINDING PROTEINS AND THE IGFBP PROTEASES IN MODULATING IGF ACTION. Endocrinology and Metabolism Clinics of North America, 1996, 25, 591-614.	3.2	192
198	Insulin-like growth factor binding protein (IGFBP) proteases: Functional regulators of cell growth. Progress in Growth Factor Research, 1995, 6, 273-284.	1.6	98

#	Article	IF	Citations
199	Non-islet-cell tumor associated with hypoglycemia in a child: Successful long-term therapy with growth hormone. Journal of Pediatrics, 1995, 127, 403-407.	1.8	19
200	Physiologic and clinical relevance of the insulin-like growth factor binding proteins. Current Opinion in Pediatrics, 1994, 6, 462-467.	2.0	39
201	Insulin-like growth factor binding protein-3 protease activity in the urine of children with chronic renal failure. Pediatric Nephrology, 1993, 7, 416-423.	1.7	14
202	Insulin-like growth factors (IGFs): Implications for aging. Psychoneuroendocrinology, 1992, 17, 335-342.	2.7	36
203	Insulin-Like Growth Factors (IGFs), IGF Receptors, and IGF-Binding Proteins in Primary Cultures of Prostate Epithelial Cells*. Journal of Clinical Endocrinology and Metabolism, 1991, 73, 401-407.	3.6	336
204	Case Report: Increased Insulin Sensitivity in Tumor Hypoglycemia in a Diabetic Patient: Glucose Metabolism in Tumor Hypoglycemia. American Journal of the Medical Sciences, 1991, 302, 229-234.	1.1	6
205	Insulin Effects on Glucose and Potassium Metabolismin Vivo: Evidence for Selective Insulin Resistance in Humans. Journal of Clinical Endocrinology and Metabolism, 1991, 73, 564-568.	3.6	21
206	Gentamicin pharmacokinetics in neonates undergoing extracorporal membrane oxygenation. Pediatric Infectious Disease Journal, 1990, 9, 562-565.	2.0	79
207	Insulin resistance and acanthosis nigricans: Evidence for a postbinding defect in vivo. Metabolism: Clinical and Experimental, 1990, 39, 1006-1011.	3.4	16
208	Correlation between insulin clearance and insulin responsiveness: Studies in normal, obese, hyperthyroid, and Cushing's syndrome patients. Metabolism: Clinical and Experimental, 1986, 35, 744-749.	3.4	47
209	Lack of Suppression of Insulin Secretion by Hyperinsulinemia in a Patient with an Insulinoma*. Journal of Clinical Endocrinology and Metabolism, 1986, 63, 1411-1413.	3.6	16
210	Racial differences in circulating mitochondriaâ€derived peptides may contribute to prostate cancer health disparities. Prostate, 0, , .	2.3	4