Pinchas Cohen

List of Publications by Year in Descending Order

206 papers	14,744 citations	64 h-index	115 g-index
214 ext. papers	16,750 ext. citations	6.1 avg, IF	6.39 L-index

#	Paper	IF	Citations
206	Humanin-induced autophagy plays important roles in skeletal muscle function and lifespan extension. *Biochimica Et Biophysica Acta - General Subjects*, **2022**, 1866, 130017	4	5
205	Bladder cancer cells shift rapidly and spontaneously to cisplatin-resistant oxidative phosphorylation that is trackable in real time.. *Scientific Reports*, **2022**, 12, 5518	4.9	1
204	The MOTS-c K14Q polymorphism in the mtDNA is associated with muscle fiber composition and muscular performance. *Biochimica Et Biophysica Acta - General Subjects*, **2021**, 1866, 130048	4	1
203	The IL-27 component EBI-3 and its receptor subunit IL-27R are essential for the cytoprotective action of humanin on male germ cells *Biology of Reproduction*, **2021**, 104, 717-730	3.9	2
202	MOTS-c reduces myostatin and muscle atrophy signaling. *American Journal of Physiology - Endocrinology and Metabolism*, **2021**, 320, E680-E690	6	6
201	Effectiveness of a Weight Loss Program Using Digital Health in Adolescents and Preadolescents. *Childhood Obesity*, **2021**, 17, 311-321	2.5	0
200	Nuclear-Encoded lncRNA Epigenetically Controls Metabolic Reprogramming in HCC Cells through the Mitophagy Pathway. *Molecular Therapy - Nucleic Acids*, **2021**, 23, 264-276	10.7	23
199	A pro-diabetogenic mtDNA polymorphism in the mitochondrial-derived peptide, MOTS-c. *Aging*, **2021**, 13, 1692-1717	5.6	10
198	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	4.9	4
197	Acute endurance exercise stimulates circulating levels of mitochondrial-derived peptides in humans. *Journal of Applied Physiology*, **2021**, 131, 1035-1042	3.7	3
196	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	4	1
195	Host mitochondrial transcriptome response to SARS-CoV-2 in multiple cell models and clinical samples. *Scientific Reports*, **2021**, 11, 3	4.9	23
194	MOTS-c is an exercise-induced mitochondrial-encoded regulator of age-dependent physical decline and muscle homeostasis. *Nature Communications*, **2021**, 12, 470	17.4	32
193	Peptides derived from small mitochondrial open reading frames: Genomic, biological, and therapeutic implications. *Experimental Cell Research*, **2020**, 393, 112056	4.2	18
192	A Mitochondrial Genome-Wide Association Study of Cataract in a Latino Population. *Translational Vision Science and Technology*, **2020**, 9, 25	3.3	3
191	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	5.6	12
190	The mitochondrial derived peptide humanin is a regulator of lifespan and healthspan. *Aging*, **2020**, 12, 11185-11199	5.6	26

189	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	2.7	
188	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	6.2	11
187	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	3.7	14
186	Diagnosis, Genetics, and Therapy of Short Stature in Children: A Growth Hormone Research Society International Perspective. *Hormone Research in Paediatrics*, **2019**, 92, 1-14	3.3	94
185	Metabolomic profile of diet-induced obesity mice in response to humanin and small humanin-like peptide 2 treatment. *Metabolomics*, **2019**, 15, 88	4.7	26
184	Comparing the Utility of Mitochondrial and Nuclear DNA to Adjust for Genetic Ancestry in Association Studies. *Cells*, **2019**, 8,	7.9	12
183	Effects of air pollution on mitochondrial function, mitochondrial DNA methylation, and mitochondrial peptide expression. *Mitochondrion*, **2019**, 46, 22-29	4.9	44
182	GRSF1 is an age-related regulator of senescence. *Scientific Reports*, **2019**, 9, 5546	4.9	6
181	MOTS-c: an equal opportunity insulin sensitizer. *Journal of Molecular Medicine*, **2019**, 97, 487-490	5.5	9
180	The mitochondrial-derived peptide MOTS-c is a regulator of plasma metabolites and enhances insulin sensitivity. *Physiological Reports*, **2019**, 7, e14171	2.6	20
179	MITOCHONDRIAL SYSTEM BIOLOGY AS A WINDOW INTO DISEASES OF AGING. *Innovation in Aging*, **2019**, 3, S555-S555	0.1	78
178	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	9.7	14
177	Growth hormone therapy in children; research and practice - A review. *Growth Hormone and IGF Research*, **2019**, 44, 20-32	2	29
176	Humanin is a novel regulator of Hedgehog signaling and prevents glucocorticoid-induced bone growth impairment. *FASEB Journal*, **2019**, 33, 4962-4974	0.9	20
175	Downregulation of circulating MOTS-c levels in patients with coronary endothelial dysfunction. *International Journal of Cardiology*, **2018**, 254, 23-27	3.2	38
174	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	5.2	34
173	Late-life targeting of the IGF-1 receptor improves healthspan and lifespan in female mice. *Nature Communications*, **2018**, 9, 2394	17.4	57
172	Phase II prospective randomized trial of weight loss prior to radical prostatectomy. *Prostate Cancer and Prostatic Diseases*, **2018**, 21, 212-220	6.2	20

171	Humanin Prevents Age-Related Cognitive Decline in Mice and is Associated with Improved Cognitive Age in Humans. *Scientific Reports*, **2018**, 8, 14212	4.9	38
170	Characterizing the protective effects of SHLP2, a mitochondrial-derived peptide, in macular degeneration. *Scientific Reports*, **2018**, 8, 15175	4.9	32
169	Mitochondrial biology and prostate cancer ethnic disparity. *Carcinogenesis*, **2018**, 39, 1311-1319	4.6	12
168	Mitochondrial peptides modulate mitochondrial function during cellular senescence. *Aging*, **2018**, 10, 1239-1256	5.6	64
167	Effects of Prolonged GRP78 Haploinsufficiency on Organ Homeostasis, Behavior, Cancer and Chemotoxic Resistance in Aged Mice. *Scientific Reports*, **2017**, 7, 40919	4.9	8
166	Fasting-mimicking diet and markers/risk factors for aging, diabetes, cancer, and cardiovascular disease. *Science Translational Medicine*, **2017**, 9,	17.5	226
165	Fasting-Mimicking Diet Promotes Ngn3-Driven β-Cell Regeneration to Reverse Diabetes. *Cell*, **2017**, 168, 775-788.e12	56.2	174
164	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	14.3	38
163	Hypothalamic-Pituitary Axis Regulates Hydrogen Sulfide Production. *Cell Metabolism*, **2017**, 25, 1320-1333.e5	24.6	56
162	Mitochondrially derived peptides as novel regulators of metabolism. *Journal of Physiology*, **2017**, 595, 6613-6621	3.9	98
161	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	3.2	1
160	Subcellular Fractionation for ERK Activation Upon Mitochondrial-derived Peptide Treatment. *Journal of Visualized Experiments*, **2017**,	1.6	2
159	The Mitochondrial-Derived Peptides, HumaninS14G and Small Humanin-like Peptide 2, Exhibit Chaperone-like Activity. *Scientific Reports*, **2017**, 7, 7802	4.9	29
158	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	9.8	46
157	The Oxygen Paradox, the French Paradox, and age-related diseases. *GeroScience*, **2017**, 39, 499-550	8.9	48
156	Mitochondrial DNA Hypomethylation Is a Biomarker Associated with Induced Senescence in Human Fetal Heart Mesenchymal Stem Cells. *Stem Cells International*, **2017**, 2017, 1764549	5	24
155	Low circulating levels of the mitochondrial-peptide hormone SHLP2: novel biomarker for prostate cancer risk. *Oncotarget*, **2017**, 8, 94900-94909	3.3	19
154	Effect of Dietary Omega-3 Fatty Acids on Tumor-Associated Macrophages and Prostate Cancer Progression. *Prostate*, **2016**, 76, 1293-302	4.2	40

153	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. *Cell Metabolism*, **2016**, 23, 1093-1112	24.6	245
152	Central insulin-like growth factor-1 (IGF-1) restores whole-body insulin action in a model of age-related insulin resistance and IGF-1 decline. *Aging Cell*, **2016**, 15, 181-6	9.9	29
151	Humanin Protects RPE Cells from Endoplasmic Reticulum Stress-Induced Apoptosis by Upregulation of Mitochondrial Glutathione. *PLoS ONE*, **2016**, 11, e0165150	3.7	29
150	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	5.6	20
149	Naturally occurring mitochondrial-derived peptides are age-dependent regulators of apoptosis, insulin sensitivity, and inflammatory markers. *Aging*, **2016**, 8, 796-809	5.6	125
148	The Mitochondrial-Derived Peptide Humanin Protects RPE Cells From Oxidative Stress, Senescence, and Mitochondrial Dysfunction **2016**, 57, 1238-53		99
147	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	3.3	50
146	Growth Hormone Research Society perspective on the development of long-acting growth hormone preparations. *European Journal of Endocrinology*, **2016**, 174, C1-8	6.5	67
145	MOTS-c: A novel mitochondrial-derived peptide regulating muscle and fat metabolism. *Free Radical Biology and Medicine*, **2016**, 100, 182-187	7.8	86
144	The mitochondrial-derived peptide MOTS-c promotes metabolic homeostasis and reduces obesity and insulin resistance. *Cell Metabolism*, **2015**, 21, 443-54	24.6	312
143	A Periodic Diet that Mimics Fasting Promotes Multi-System Regeneration, Enhanced Cognitive Performance, and Healthspan. *Cell Metabolism*, **2015**, 22, 86-99	24.6	418
142	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	4.4	27
141	Status of long-acting-growth hormone preparations--2015. *Growth Hormone and IGF Research*, **2015**, 25, 201-6	2	51
140	The Potent Humanin Analogue (HNG) Protects Germ Cells and Leucocytes While Enhancing Chemotherapy-Induced Suppression of Cancer Metastases in Male Mice. *Endocrinology*, **2015**, 156, 4511-21	4.8	26
139	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, 551-61	5.4	26
138	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, 239-43	2.4	5
137	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	3.2	24
136	Low insulin-like growth factor-1 level predicts survival in humans with exceptional longevity. *Aging Cell*, **2014**, 13, 769-71	9.9	140

135	IGF-I regulates the age-dependent signaling peptide humanin. *Aging Cell*, **2014**, 13, 958-61	9.9	53
134	Dose-sparing and safety-enhancing effects of an IGF-I-based dosing regimen in short children treated with growth hormone in a 2-year randomized controlled trial: therapeutic and pharmacoeconomic considerations. *Clinical Endocrinology*, **2014**, 81, 71-6	3.4	26
133	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, 407-17	24.6	504
132	Resveratrol worsens survival in SCID mice with prostate cancer xenografts in a cell-line specific manner, through paradoxical effects on oncogenic pathways. *Prostate*, **2013**, 73, 754-62	4.2	25
131	Pharmacokinetics and tissue distribution of humanin and its analogues in male rodents. *Endocrinology*, **2013**, 154, 3739-44	4.8	37
130	IGFBP-3 nuclear localization predicts human prostate cancer recurrence. *Hormones and Cancer*, **2013**, 4, 12-23	5	25
129	Efficacy of IGF-based growth hormone (GH) dosing in nonGH-deficient (nonGHD) short stature children with low IGF-I is not related to basal IGF-I levels. *Clinical Endocrinology*, **2013**, 78, 405-14	3.4	19
128	The emerging role of the mitochondrial-derived peptide humanin in stress resistance. *Journal of Molecular Endocrinology*, **2013**, 50, R11-9	4.5	132
127	Humanin: a harbinger of mitochondrial-derived peptides?. *Trends in Endocrinology and Metabolism*, **2013**, 24, 222-8	8.8	169
126	Protein restriction cycles reduce IGF-1 and phosphorylated Tau, and improve behavioral performance in an Alzheimer's disease mouse model. *Aging Cell*, **2013**, 12, 257-68	9.9	52
125	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, E820-8	5.6	20
124	Growth hormone receptor (GHR) exon 3 polymorphism status detection by dual-enzyme-linked immunosorbent assay (ELISA). *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E77-81	5.6	8
123	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	3.3	6
122	Effects of calorie restriction and IGF-1 receptor blockade on the progression of 22Rv1 prostate cancer xenografts. *International Journal of Molecular Sciences*, **2013**, 14, 13782-95	6.3	21
121	Humanin prevents intra-renal microvascular remodeling and inflammation in hypercholesterolemic ApoE deficient mice. *Life Sciences*, **2012**, 91, 199-206	6.8	48
120	How useful are serum IGF-I measurements for managing GH replacement therapy in adults and children?. *Pituitary*, **2012**, 15, 126-34	4.3	20
119	Effect of a low-fat diet combined with IGF-1 receptor blockade on 22Rv1 prostate cancer xenografts. *Molecular Cancer Therapeutics*, **2012**, 11, 1539-46	6.1	12
118	Long-term surveillance of growth hormone therapy. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 68-72	5.6	50

117	Humanin, a cytoprotective peptide, is expressed in carotid atherosclerotic [corrected] plaques in humans. *PLoS ONE*, **2012**, 7, e31065	3.7	39
116	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, 243-7	2	11
115	Phase II prospective randomized trial of a low-fat diet with fish oil supplementation in men undergoing radical prostatectomy. *Cancer Prevention Research*, **2011**, 4, 2062-71	3.2	53
114	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	17.5	498
113	Humanin preserves endothelial function and prevents atherosclerotic plaque progression in hypercholesterolemic ApoE deficient mice. *Atherosclerosis*, **2011**, 219, 65-73	3.1	81
112	IGFBP-3 is a metastasis suppression gene in prostate cancer. *Cancer Research*, **2011**, 71, 5154-63	10.1	68
111	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, 1564-72	10.1	187
110	Interaction of insulin-like growth factor-binding protein-3 and BAX in mitochondria promotes male germ cell apoptosis. *Journal of Biological Chemistry*, **2010**, 285, 1726-32	5.4	25
109	Humanin is expressed in human vascular walls and has a cytoprotective effect against oxidized LDL-induced oxidative stress. *Cardiovascular Research*, **2010**, 88, 360-6	9.9	112
108	Opposing roles of insulin-like growth factor binding protein 3 and humanin in the regulation of testicular germ cell apoptosis. *Endocrinology*, **2010**, 151, 350-7	4.8	48
107	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, 2089-98	5.6	84
106	Pomegranate extract induces apoptosis in human prostate cancer cells by modulation of the IGF-IGFBP axis. *Growth Hormone and IGF Research*, **2010**, 20, 55-62	2	78
105	The neurosurvival factor Humanin inhibits beta-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, 343-9	12.7	97
104	Effect of intermittent fasting with or without caloric restriction on prostate cancer growth and survival in SCID mice. *Prostate*, **2010**, 70, 1037-43	4.2	36
103	Chemoprevention of prostate cancer with lycopene in the TRAMP model. *Prostate*, **2010**, 70, 1547-54	4.2	43
102	Fasting and cancer treatment in humans: A case series report. *Aging*, **2009**, 1, 988-1007	5.6	228
101	Serum complexes of insulin-like growth factor-1 modulate skeletal integrity and carbohydrate metabolism. *FASEB Journal*, **2009**, 23, 709-19	0.9	81
100	The effects of varying dietary carbohydrate and fat content on survival in a murine LNCaP prostate cancer xenograft model. *Cancer Prevention Research*, **2009**, 2, 557-65	3.2	79

99	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, 19937-44	5.4	192
98	PAPA-1 Is a nuclear binding partner of IGFBP-2 and modulates its growth-promoting actions. *Molecular Endocrinology*, **2009**, 23, 169-75		29
97	Enhancing the apoptotic potential of insulin-like growth factor-binding protein-3 in prostate cancer by modulation of CK2 phosphorylation. *Molecular Endocrinology*, **2009**, 23, 1624-33		14
96	Humanin: a novel central regulator of peripheral insulin action. *PLoS ONE*, **2009**, 4, e6334	3.7	160
95	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	2	25
94	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, 3438-42	11.5	537
93	Effect of low-fat diet on development of prostate cancer and Akt phosphorylation in the Hi-Myc transgenic mouse model. *Cancer Research*, **2008**, 68, 3066-73	10.1	69
92	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, 3342-9	10.1	46
91	Surprising new height regulating genes: beyond growth hormone and IGF-I. *Pediatric Research*, **2008**, 64, 461	3.2	1
90	Carbohydrate restriction, prostate cancer growth, and the insulin-like growth factor axis. *Prostate*, **2008**, 68, 11-9	4.2	116
89	SnoRNA Snord116 (Pwcr1/MBII-85) deletion causes growth deficiency and hyperphagia in mice. *PLoS ONE*, **2008**, 3, e1709	3.7	218
88	Homeostatic imbalance between apoptosis and cell renewal in the liver of premature aging Xpd mice. *PLoS ONE*, **2008**, 3, e2346	3.7	24
87	Spinal bone mineral density, IGF-1 and IGFBP-3 in children with cerebral palsy. *Hormone Research in Paediatrics*, **2007**, 68, 316-20	3.3	9
86	The somatomedin hypothesis 2007: 50 years later. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 4529-35	5.6	139
85	Hormonal regulation of IGFBP-2 proteolysis is attenuated with progression to androgen insensitivity in the LNCaP progression model. *Journal of Cellular Physiology*, **2007**, 213, 261-8	7	16
84	Dietary feeding of silibinin inhibits prostate tumor growth and progression in transgenic adenocarcinoma of the mouse prostate model. *Cancer Research*, **2007**, 67, 11083-91	10.1	64
83	Contribution of the orphan nuclear receptor Nur77 to the apoptotic action of IGFBP-3. *Carcinogenesis*, **2007**, 28, 1653-8	4.6	39
82	Insulin-like growth factor binding protein-3 induces insulin resistance in adipocytes in vitro and in rats in vivo. *Pediatric Research*, **2007**, 61, 159-64	3.2	45

81	Insulin growth factor-based dosing of growth hormone therapy in children: a randomized, controlled study. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 2480-6	5.6	124
80	Growth hormone therapy improves bone mineral density in children with cerebral palsy: a preliminary pilot study. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 932-7	5.6	41
79	A mechanism to explain how regular exercise might reduce the risk for clinical prostate cancer. *European Journal of Cancer Prevention*, **2007**, 16, 415-21	2	40
78	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, 373-85	7	41
77	Insulin-like growth factor binding protein 3 as an anticancer molecule in Ewing's sarcoma. *International Journal of Cancer*, **2006**, 119, 1039-46	7.5	46
76	Insulin-like growth factor binding protein-3: insulin-like growth factor independence comes of age. *Endocrinology*, **2006**, 147, 2109-11	4.8	33
75	Controversy in clinical endocrinology: problems with reclassification of insulin-like growth factor I production and action disorders. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 4235-6	5.6	34
74	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, 653-61	12.9	44
73	The ternary IGF complex influences postnatal bone acquisition and the skeletal response to intermittent parathyroid hormone. *Journal of Endocrinology*, **2006**, 189, 289-99	4.7	73
72	Central and opposing effects of IGF-I and IGF-binding protein-3 on systemic insulin action. *Diabetes*, **2006**, 55, 2788-96	0.9	63
71	Phosphorylation by DNA-dependent protein kinase is critical for apoptosis induction by insulin-like growth factor binding protein-3. *Cancer Research*, **2006**, 66, 10878-84	10.1	39
70	Effect of altering dietary omega-6/omega-3 fatty acid ratios on prostate cancer membrane composition, cyclooxygenase-2, and prostaglandin E2. *Clinical Cancer Research*, **2006**, 12, 4662-70	12.9	136
69	The role of the insulin-like growth factor system in prenatal growth. *Molecular Genetics and Metabolism*, **2005**, 86, 84-90	3.7	174
68	Control of aging and longevity by IGF-I signaling. *Experimental Gerontology*, **2005**, 40, 867-72	4.5	55
67	Allelic differences in a quantitative trait locus affecting insulin-like growth factor-I impact skeletal acquisition and body composition. *Pediatric Nephrology*, **2005**, 20, 255-60	3.2	24
66	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, 3568-74	5.6	48
65	Rapid apoptosis induction by IGFBP-3 involves an insulin-like growth factor-independent nucleomitochondrial translocation of RXRalpha/Nur77. *Journal of Biological Chemistry*, **2005**, 280, 16942-8	5.4	117
64	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, 4851-6	12.9	42

63	Racial differences in prognostic value of adult height for biochemical progression following radical prostatectomy. *Clinical Cancer Research*, **2005**, 11, 7735-42	12.9	1
62	Pharmacodynamic considerations with recombinant human insulin-like growth factor-I in children. *Hormone Research in Paediatrics*, **2005**, 63, 220-7	3.3	6
61	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, 7275-83	4.8	342
60	The role of insulin-like growth factor I monitoring in growth hormone-treated children. *Hormone Research in Paediatrics*, **2004**, 62 Suppl 1, 59-65	3.3	24
59	Cellular internalization of insulin-like growth factor binding protein-3: distinct endocytic pathways facilitate re-uptake and nuclear localization. *Journal of Biological Chemistry*, **2004**, 279, 469-76	5.4	109
58	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, 4531-6	11.5	390
57	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	4.6	74
56	Insulin-like growth factor binding protein-3 is a novel mediator of apoptosis in insulin-secreting cells. *Growth Hormone and IGF Research*, **2004**, 14, 216-25	2	11
55	Is treatment with growth hormone effective in children with cerebral palsy?. *Developmental Medicine and Child Neurology*, **2004**, 46, 569-71	3.3	9
54	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, 13042-7	11.5	212
53	Insulin-like growth factor I stimulates telomerase activity in prostate cancer cells. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 3354-9	5.6	48
52	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, 900-7	5.6	71
51	Novel stimulatory role for insulin-like growth factor binding protein-2 in prostate cancer cells. *International Journal of Cancer*, **2003**, 105, 14-9	7.5	83
50	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, 415-21	3.6	192
49	Type Ialpha collagen is an IGFBP-3 binding protein. *Growth Hormone and IGF Research*, **2003**, 13, 89-97	2	35
48	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	12.9	58
47	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, 929-35	2.8	96
46	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, 4817-20	5.6	144

45	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, 90-8	5.6	135
44	Biological significance of insulin-like growth factor binding proteins. *NeuroImmune Biology*, **2002**, 2, 37-65		
43	Diagnosis and management of growth hormone deficiency in childhood and adolescence--part 2: growth hormone treatment in growth hormone deficient children. *Growth Hormone and IGF Research*, **2002**, 12, 323-41	2	38
42	Insulin-like growth factor binding protein-3 inhibits the growth of non-small cell lung cancer. *Cancer Research*, **2002**, 62, 3530-7	10.1	105
41	Diagnosis and management of growth hormone deficiency in childhood and adolescence. Part 1: diagnosis of growth hormone deficiency. *Growth Hormone and IGF Research*, **2001**, 11, 137-65	2	107
40	Insulin and insulin-like growth factor-I cause vasorelaxation in human vessels in vitro. *Coronary Artery Disease*, **2000**, 11, 69-76	1.4	46
39	Prostatic involution in men taking finasteride is associated with elevated levels of insulin-like growth factor-binding proteins (IGFBPs)-2, -4, and -5. *Prostate*, **2000**, 42, 203-10	4.2	19
38	Role of insulin-like growth factors and their binding proteins in growth control and carcinogenesis. *Journal of Cellular Physiology*, **2000**, 183, 1-9	7	421
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2	Mitochondrial-Encoded Peptide MOTS-c is an Exercise-Induced Regulator of Aging Metabolic Homeostasis and Physical Capacity		3
1	A Pro-Diabetogenic mtDNA Polymorphism in the Mitochondrial-Derived Peptide, MOTS-c		2