

Pinchas Cohen

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

18,849
citations

13068

68
h-index

14156

128
g-index

214
all docs

214
docs citations

214
times ranked

17069
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Cell Metabolism</i> , 2014, 19, 407-417.	7.2	715
2	Insulin-like Growth Factor (IGF)-binding Protein-3 Induces Apoptosis and Mediates the Effects of Transforming Growth Factor- β 1 on Programmed Cell Death through a p53- and IGF-independent Mechanism. <i>Journal of Biological Chemistry</i> , 1997, 272, 12181-12188.	1.6	646
3	A Periodic Diet that Mimics Fasting Promotes Multi-System Regeneration, Enhanced Cognitive Performance, and Healthspan. <i>Cell Metabolism</i> , 2015, 22, 86-99.	7.2	635
4	Functionally significant insulin-like growth factor I receptor mutations in centenarians. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3438-3442.	3.3	630
5	Growth Hormone Receptor Deficiency Is Associated with a Major Reduction in Pro-Aging Signaling, Cancer, and Diabetes in Humans. <i>Science Translational Medicine</i> , 2011, 3, 70ra13.	5.8	612
6	The Mitochondrial-Derived Peptide MOTS-c Promotes Metabolic Homeostasis and Reduces Obesity and Insulin Resistance. <i>Cell Metabolism</i> , 2015, 21, 443-454.	7.2	464
7	Role of insulin-like growth factors and their binding proteins in growth control and carcinogenesis. <i>Journal of Cellular Physiology</i> , 2000, 183, 1-9.	2.0	455
8	Phenotypic effects of leptin replacement on morbid obesity, diabetes mellitus, hypogonadism, and behavior in leptin-deficient adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4531-4536.	3.3	445
9	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. <i>Molecular and Cellular Biology</i> , 2004, 24, 7275-7283.	1.1	376
10	Fasting-mimicking diet and markers/risk factors for aging, diabetes, cancer, and cardiovascular disease. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	363
11	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. <i>Cell Metabolism</i> , 2016, 23, 1093-1112.	7.2	360
12	Insulin-Like Growth Factors (IGFs), IGF Receptors, and IGF-Binding Proteins in Primary Cultures of Prostate Epithelial Cells*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1991, 73, 401-407.	1.8	336
13	Fasting and cancer treatment in humans: A case series report. <i>Aging</i> , 2009, 1, 988-1007.	1.4	305
14	Direct Functional Interactions between Insulin-like Growth Factor-binding Protein-3 and Retinoid X Receptor- β Regulate Transcriptional Signaling and Apoptosis. <i>Journal of Biological Chemistry</i> , 2000, 275, 33607-33613.	1.6	287
15	Fasting-Mimicking Diet Promotes Ngn3-Driven β -Cell Regeneration to Reverse Diabetes. <i>Cell</i> , 2017, 168, 775-788.e12.	13.5	274
16	SnoRNA Snord116 (Pwcr1/MBII-85) Deletion Causes Growth Deficiency and Hyperphagia in Mice. <i>PLoS ONE</i> , 2008, 3, e1709.	1.1	251
17	Interaction between the Alzheimer's survival peptide humanin and insulin-like growth factor-binding protein 3 regulates cell survival and apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13042-13047.	3.3	250
18	Reduced Levels of IGF-I Mediate Differential Protection of Normal and Cancer Cells in Response to Fasting and Improve Chemotherapeutic Index. <i>Cancer Research</i> , 2010, 70, 1564-1572.	0.4	245

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19	Update of guidelines for the use of growth hormone in children: the Lawson Wilkins pediatric endocrinology society drug and therapeutics committee. <i>Journal of Pediatrics</i> , 2003, 143, 415-421.	0.9	231
20	Liver-specific Deletion of the Growth Hormone Receptor Reveals Essential Role of Growth Hormone Signaling in Hepatic Lipid Metabolism. <i>Journal of Biological Chemistry</i> , 2009, 284, 19937-19944.	1.6	230
21	Humanin: a harbinger of mitochondrial-derived peptides?. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 222-228.	3.1	217
22	The role of the insulin-like growth factor system in prenatal growth. <i>Molecular Genetics and Metabolism</i> , 2005, 86, 84-90.	0.5	204
23	Humanin: A Novel Central Regulator of Peripheral Insulin Action. <i>PLoS ONE</i> , 2009, 4, e6334.	1.1	200
24	THE ROLE OF THE INSULIN-LIKE GROWTH FACTOR BINDING PROTEINS AND THE IGFBP PROTEASES IN MODULATING IGF ACTION. <i>Endocrinology and Metabolism Clinics of North America</i> , 1996, 25, 591-614.	1.2	192
25	Naturally occurring mitochondrial-derived peptides are age-dependent regulators of apoptosis, insulin sensitivity, and inflammatory markers. <i>Aging</i> , 2016, 8, 796-809.	1.4	185
26	Diagnosis, Genetics, and Therapy of Short Stature in Children: A Growth Hormone Research Society International Perspective. <i>Hormone Research in Paediatrics</i> , 2019, 92, 1-14.	0.8	181
27	Low insulin-like growth factor-1 level predicts survival in humans with exceptional longevity. <i>Aging Cell</i> , 2014, 13, 769-771.	3.0	175
28	Association between the Insulin Resistance of Puberty and the Insulin-Like Growth Factor-I/Growth Hormone Axis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 4817-4820.	1.8	172
29	The emerging role of the mitochondrial-derived peptide humanin in stress resistance. <i>Journal of Molecular Endocrinology</i> , 2013, 50, R11-R19.	1.1	163
30	Effects of Dose and Gender on the Growth and Growth Factor Response to GH in GH-Deficient Children: Implications for Efficacy and Safety. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 90-98.	1.8	156
31	REVIEW: The Somatomedin Hypothesis 2007: 50 Years Later. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 4529-4535.	1.8	156
32	Effect of Altering Dietary ω -6/ ω -3 Fatty Acid Ratios on Prostate Cancer Membrane Composition, Cyclooxygenase-2, and Prostaglandin E2. <i>Clinical Cancer Research</i> , 2006, 12, 4662-4670.	3.2	155
33	Humanin is expressed in human vascular walls and has a cytoprotective effect against oxidized LDL-induced oxidative stress. <i>Cardiovascular Research</i> , 2010, 88, 360-366.	1.8	148
34	Insulin-Like Growth Factor Binding Proteins: New Proteins, New Functions. <i>Hormone Research in Paediatrics</i> , 1999, 51, 53-67.	0.8	145
35	Does the GH-IGF axis play a role in cancer pathogenesis?. <i>Growth Hormone and IGF Research</i> , 2000, 10, 297-305.	0.5	145
36	Insulin Growth Factor-Based Dosing of Growth Hormone Therapy in Children: A Randomized, Controlled Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2480-2486.	1.8	144

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37	The Mitochondrial-Derived Peptide Humanin Protects RPE Cells From Oxidative Stress, Senescence, and Mitochondrial Dysfunction. , 2016, 57, 1238.		142
38	Mitochondrially derived peptides as novel regulators of metabolism. Journal of Physiology, 2017, 595, 6613-6621.	1.3	142
39	Carbohydrate restriction, prostate cancer growth, and the insulin-like growth factor axis. Prostate, 2008, 68, 11-19.	1.2	140
40	Rapid Apoptosis Induction by IGFBP-3 Involves an Insulin-like Growth Factor-independent Nucleomitochondrial Translocation of RXR α /Nur77. Journal of Biological Chemistry, 2005, 280, 16942-16948.	1.6	130
41	MOTS-c: A novel mitochondrial-derived peptide regulating muscle and fat metabolism. Free Radical Biology and Medicine, 2016, 100, 182-187.	1.3	128
42	Diagnosis and management of growth hormone deficiency in childhood and adolescence. Growth Hormone and IGF Research, 2001, 11, 137-165.	0.5	124
43	Cellular Internalization of Insulin-like Growth Factor Binding Protein-3. Journal of Biological Chemistry, 2004, 279, 469-476.	1.6	124
44	Insulin-like growth factor binding protein-3 inhibits the growth of non-small cell lung cancer. Cancer Research, 2002, 62, 3530-7.	0.4	124
45	Novel Aspects of the Insulin-like Growth Factor Binding Proteins. Molecular Genetics and Metabolism, 1999, 68, 161-181.	0.5	121
46	The neurosurvival factor Humanin inhibits β -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.	1.5	118
47	Late-life targeting of the IGF-1 receptor improves healthspan and lifespan in female mice. Nature Communications, 2018, 9, 2394.	5.8	106
48	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.	0.8	104
49	Growth Hormone Research Society perspective on the development of long-acting growth hormone preparations. European Journal of Endocrinology, 2016, 174, C1-C8.	1.9	99
50	Insulin-like growth factor binding protein (IGFBP) proteases: Functional regulators of cell growth. Progress in Growth Factor Research, 1995, 6, 273-284.	1.7	98
51	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.	0.7	98
52	Mitochondrial peptides modulate mitochondrial function during cellular senescence. Aging, 2018, 10, 1239-1256.	1.4	98
53	MOTS-c is an exercise-induced mitochondrial-encoded regulator of age-dependent physical decline and muscle homeostasis. Nature Communications, 2021, 12, 470.	5.8	97
54	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.	1.8	94

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55	Pomegranate extract induces apoptosis in human prostate cancer cells by modulation of the IGF ¹ /IGFBP axis. <i>Growth Hormone and IGF Research</i> , 2010, 20, 55-62.	0.5	93
56	Humanin preserves endothelial function and prevents atherosclerotic plaque progression in hypercholesterolemic ApoE deficient mice. <i>Atherosclerosis</i> , 2011, 219, 65-73.	0.4	92
57	Serum complexes of insulin-like growth factor-1 modulate skeletal integrity and carbohydrate metabolism. <i>FASEB Journal</i> , 2009, 23, 709-719.	0.2	90
58	All-trans-retinoic Acid Increases Transforming Growth Factor- β 2 and Insulin-like Growth Factor Binding Protein-3 Expression through a Retinoic Acid Receptor- β -dependent Signaling Pathway. <i>Journal of Biological Chemistry</i> , 1997, 272, 13711-13716.	1.6	88
59	Novel stimulatory role for insulin-like growth factor binding protein-2 in prostate cancer cells. <i>International Journal of Cancer</i> , 2003, 105, 14-19.	2.3	87
60	IGFBP-3 Is a Metastasis Suppression Gene in Prostate Cancer. <i>Cancer Research</i> , 2011, 71, 5154-5163.	0.4	84
61	A functional genomics approach for the identification of putative tumor suppressor genes: Dickkopf-1 as suppressor of HeLa cell transformation. <i>Carcinogenesis</i> , 2004, 25, 47-59.	1.3	83
62	Gentamicin pharmacokinetics in neonates undergoing extracorporeal membrane oxygenation. <i>Pediatric Infectious Disease Journal</i> , 1990, 9, 562-565.	1.1	79
63	The ternary IGF complex influences postnatal bone acquisition and the skeletal response to intermittent parathyroid hormone. <i>Journal of Endocrinology</i> , 2006, 189, 289-299.	1.2	78
64	Rapid Insulin-Like Growth Factor (IGF)-Independent Effects of IGF Binding Protein-3 on Endothelial Cell Survival. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 900-907.	1.8	75
65	Effect of Low-Fat Diet on Development of Prostate Cancer and Akt Phosphorylation in the Hi-Myc Transgenic Mouse Model. <i>Cancer Research</i> , 2008, 68, 3066-3073.	0.4	74
66	Humanin Prevents Age-Related Cognitive Decline in Mice and is Associated with Improved Cognitive Age in Humans. <i>Scientific Reports</i> , 2018, 8, 14212.	1.6	74
67	Insulin and Insulin-like Growth Factor-I Cause Coronary Vasorelaxation In Vitro. <i>Hypertension</i> , 1998, 32, 228-234.	1.3	72
68	Central and Opposing Effects of IGF-I and IGF-Binding Protein-3 on Systemic Insulin Action. <i>Diabetes</i> , 2006, 55, 2788-2796.	0.3	72
69	Dietary Feeding of Silibinin Inhibits Prostate Tumor Growth and Progression in Transgenic Adenocarcinoma of the Mouse Prostate Model. <i>Cancer Research</i> , 2007, 67, 11083-11091.	0.4	71
70	Protein restriction cycles reduce IGF-1 and phosphorylated Tau, and improve behavioral performance in an Alzheimer's disease mouse model. <i>Aging Cell</i> , 2013, 12, 257-268.	3.0	71
71	Hypothalamic-Pituitary Axis Regulates Hydrogen Sulfide Production. <i>Cell Metabolism</i> , 2017, 25, 1320-1333.e5.	7.2	71
72	Humanin G (HNG) protects age-related macular degeneration (AMD) transmitochondrial ARPE-19 cybrids from mitochondrial and cellular damage. <i>Cell Death and Disease</i> , 2017, 8, e2951-e2951.	2.7	71

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73	Effects of air pollution on mitochondrial function, mitochondrial DNA methylation, and mitochondrial peptide expression. <i>Mitochondrion</i> , 2019, 46, 22-29.	1.6	70
74	Elevated Levels of the IGF-Binding Protein Protease MMP-1 in Asthmatic Airway Smooth Muscle. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 199-208.	1.4	69
75	Insulin-like growth factor binding protein-6 activates programmed cell death in non-small cell lung cancer cells. <i>Oncogene</i> , 2000, 19, 4432-4436.	2.6	69
76	The mitochondrial-derived peptide humanin activates the ERK1/2, AKT, and STAT3 signaling pathways and has age-dependent signaling differences in the hippocampus. <i>Oncotarget</i> , 2016, 7, 46899-46912.	0.8	69
77	IGFBP-3 mediates TGF- β 1-induced cell growth in human airway smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 278, L545-L551.	1.3	68
78	IGF-I regulates the age-dependent signaling peptide humanin. <i>Aging Cell</i> , 2014, 13, 958-961.	3.0	68
79	The mitochondrial derived peptide humanin is a regulator of lifespan and healthspan. <i>Aging</i> , 2020, 12, 11185-11199.	1.4	67
80	Growth Regulation of Prostatic Stromal Cells by Prostate-Specific Antigen. <i>Journal of the National Cancer Institute</i> , 1999, 91, 1663-1669.	3.0	66
81	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. <i>Clinical Cancer Research</i> , 2003, 9, 2734-43.	3.2	66
82	Insulin-like growth factor binding protein-1 levels in the diagnosis of hypoglycemia caused by hyperinsulinism. <i>Journal of Pediatrics</i> , 1997, 131, 193-199.	0.9	63
83	Control of aging and longevity by IGF-I signaling. <i>Experimental Gerontology</i> , 2005, 40, 867-872.	1.2	62
84	Phase II Prospective Randomized Trial of a Low-Fat Diet with Fish Oil Supplementation in Men Undergoing Radical Prostatectomy. <i>Cancer Prevention Research</i> , 2011, 4, 2062-2071.	0.7	61
85	Status of long-acting-growth hormone preparations â€” 2015. <i>Growth Hormone and IGF Research</i> , 2015, 25, 201-206.	0.5	61
86	Nuclear-Encoded lncRNA MALAT1 Epigenetically Controls Metabolic Reprogramming in HCC Cells through the Mitophagy Pathway. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 264-276.	2.3	61
87	Long-Term Surveillance of Growth Hormone Therapy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 68-72.	1.8	60
88	The Oxygen Paradox, the French Paradox, and age-related diseases. <i>GeroScience</i> , 2017, 39, 499-550.	2.1	59
89	Downregulation of circulating MOTS-c levels in patients with coronary endothelial dysfunction. <i>International Journal of Cardiology</i> , 2018, 254, 23-27.	0.8	58
90	p53-Dependent and p53-Independent Induction of Insulin-Like Growth Factor Binding Protein-3 by Deoxyribonucleic Acid Damage and Hypoxia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 3568-3574.	1.8	57

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91	Host mitochondrial transcriptome response to SARS-CoV-2 in multiple cell models and clinical samples. <i>Scientific Reports</i> , 2021, 11, 3.	1.6	56
92	Chemoprevention of prostate cancer with lycopene in the TRAMP model. <i>Prostate</i> , 2010, 70, 1547-1554.	1.2	55
93	Insulin-Like Growth Factor Binding Protein-3 Induces Insulin Resistance in Adipocytes In Vitro and in Rats In Vivo. <i>Pediatric Research</i> , 2007, 61, 159-164.	1.1	54
94	Opposing Roles of Insulin-Like Growth Factor Binding Protein 3 and Humanin in the Regulation of Testicular Germ Cell Apoptosis. <i>Endocrinology</i> , 2010, 151, 350-357.	1.4	54
95	Insulin-Like Growth Factor I Stimulates Telomerase Activity in Prostate Cancer Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 3354-3359.	1.8	53
96	A mechanism to explain how regular exercise might reduce the risk for clinical prostate cancer. <i>European Journal of Cancer Prevention</i> , 2007, 16, 415-421.	0.6	52
97	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. <i>Cancer Research</i> , 2008, 68, 3342-3349.	0.4	52
98	Growth hormone therapy in children; research and practice – A review. <i>Growth Hormone and IGF Research</i> , 2019, 44, 20-32.	0.5	52
99	Inflammation-related neutrophil proteases, cathepsin G and elastase, function as insulin-like growth factor binding protein proteases. <i>Growth Hormone and IGF Research</i> , 1999, 9, 241-253.	0.5	51
100	Humanin prevents intra-renal microvascular remodeling and inflammation in hypercholesterolemic ApoE deficient mice. <i>Life Sciences</i> , 2012, 91, 199-206.	2.0	51
101	Effect of Dietary Omega-3 Fatty Acids on Tumor-Associated Macrophages and Prostate Cancer Progression. <i>Prostate</i> , 2016, 76, 1293-1302.	1.2	51
102	Characterizing the protective effects of SHLP2, a mitochondrial-derived peptide, in macular degeneration. <i>Scientific Reports</i> , 2018, 8, 15175.	1.6	51
103	Anti-apoptotic factor humanin is expressed in the testis and prevents cell-death in leydig cells during the first wave of spermatogenesis. <i>Journal of Cellular Physiology</i> , 2006, 208, 373-385.	2.0	50
104	Peptides derived from small mitochondrial open reading frames: Genomic, biological, and therapeutic implications. <i>Experimental Cell Research</i> , 2020, 393, 112056.	1.2	50
105	Insulin and insulin-like growth factor-I cause vasorelaxation in human vessels in vitro. <i>Coronary Artery Disease</i> , 2000, 11, 69-76.	0.3	49
106	Insulin-like growth factor binding protein 3 as an anticancer molecule in Ewing's sarcoma. <i>International Journal of Cancer</i> , 2006, 119, 1039-1046.	2.3	49
107	Growth Hormone Therapy Improves Bone Mineral Density in Children with Cerebral Palsy: A Preliminary Pilot Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 932-937.	1.8	49
108	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. <i>Clinical Cancer Research</i> , 2006, 12, 653-661.	3.2	48

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109	Correlation between insulin clearance and insulin responsiveness: Studies in normal, obese, hyperthyroid, and Cushing's syndrome patients. <i>Metabolism: Clinical and Experimental</i> , 1986, 35, 744-749.	1.5	47
110	Diagnosis and management of growth hormone deficiency in childhood and adolescence – Part 2: Growth hormone treatment in growth hormone deficient children. <i>Growth Hormone and IGF Research</i> , 2002, 12, 323-341.	0.5	47
111	The GH receptor exon 3 deletion is a marker of male-specific exceptional longevity associated with increased GH sensitivity and taller stature. <i>Science Advances</i> , 2017, 3, e1602025.	4.7	47
112	Chronic treatment with the mitochondrial peptide humanin prevents age-related myocardial fibrosis in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1127-H1136.	1.5	46
113	Pharmacokinetics and Tissue Distribution of Humanin and Its Analogues in Male Rodents. <i>Endocrinology</i> , 2013, 154, 3739-3744.	1.4	45
114	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. <i>Clinical Cancer Research</i> , 2005, 11, 4851-4856.	3.2	44
115	Mitochondria-derived peptides in aging and healthspan. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	44
116	Effect of intermittent fasting with or without caloric restriction on prostate cancer growth and survival in SCID mice. <i>Prostate</i> , 2010, 70, 1037-1043.	1.2	43
117	The Mitochondrial-Derived Peptides, HumaninS14G and Small Humanin-like Peptide 2, Exhibit Chaperone-like Activity. <i>Scientific Reports</i> , 2017, 7, 7802.	1.6	43
118	Humanin, a Cytoprotective Peptide, Is Expressed in Carotid Artherosclerotic Plaques in Humans. <i>PLoS ONE</i> , 2012, 7, e31065.	1.1	43
119	Humanin Protects RPE Cells from Endoplasmic Reticulum Stress-Induced Apoptosis by Upregulation of Mitochondrial Glutathione. <i>PLoS ONE</i> , 2016, 11, e0165150.	1.1	43
120	The “two bag system” for variable intravenous dextrose and fluid administration: Benefits in diabetic ketoacidosis management. <i>Journal of Pediatrics</i> , 1999, 134, 376-378.	0.9	42
121	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. <i>Aging Cell</i> , 2016, 15, 181-186.	3.0	42
122	The mitochondrial-derived peptide MOTS-c is a regulator of plasma metabolites and enhances insulin sensitivity. <i>Physiological Reports</i> , 2019, 7, e14171.	0.7	42
123	Type I± collagen is an IGFBP-3 binding protein. <i>Growth Hormone and IGF Research</i> , 2003, 13, 89-97.	0.5	41
124	Phosphorylation by DNA-Dependent Protein Kinase Is Critical for Apoptosis Induction by Insulin-Like Growth Factor Binding Protein-3. <i>Cancer Research</i> , 2006, 66, 10878-10884.	0.4	41
125	Contribution of the orphan nuclear receptor Nur77 to the apoptotic action of IGFBP-3. <i>Carcinogenesis</i> , 2007, 28, 1653-1658.	1.3	41
126	Physiologic and clinical relevance of the insulin-like growth factor binding proteins. <i>Current Opinion in Pediatrics</i> , 1994, 6, 462-467.	1.0	39

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127	Problems with Reclassification of Insulin-Like Growth Factor I Production and Action Disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4235-4236.	1.8	39
128	The effects of humanin and its analogues on male germ cell apoptosis induced by chemotherapeutic drugs. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 551-561.	2.2	39
129	Rat Humanin is encoded and translated in mitochondria and is localized to the mitochondrial compartment where it regulates ROS production. <i>Molecular and Cellular Endocrinology</i> , 2015, 413, 96-100.	1.6	39
130	The Role of Insulin-Like Growth Factor I Monitoring in Growth Hormone-Treated Children. <i>Hormone Research in Paediatrics</i> , 2004, 62, 59-65.	0.8	38
131	Metabolomic profile of diet-induced obesity mice in response to humanin and small humanin-like peptide 2 treatment. <i>Metabolomics</i> , 2019, 15, 88.	1.4	37
132	Insulin-like growth factors (IGFs): Implications for aging. <i>Psychoneuroendocrinology</i> , 1992, 17, 335-342.	1.3	36
133	Effect of a Low-Fat Fish Oil Diet on Proinflammatory Eicosanoids and Cell-Cycle Progression Score in Men Undergoing Radical Prostatectomy. <i>Cancer Prevention Research</i> , 2014, 7, 97-104.	0.7	36
134	IGFBP-3 Nuclear Localization Predicts Human Prostate Cancer Recurrence. <i>Hormones and Cancer</i> , 2013, 4, 12-23.	4.9	35
135	Insulin-Like Growth Factor Binding Protein-3: Insulin-Like Growth Factor Independence Comes of Age. <i>Endocrinology</i> , 2006, 147, 2109-2111.	1.4	34
136	High-intensity interval exercise increases humanin, a mitochondrial encoded peptide, in the plasma and muscle of men. <i>Journal of Applied Physiology</i> , 2020, 128, 1346-1354.	1.2	34
137	The Potent Humanin Analogue (HNG) Protects Germ Cells and Leucocytes While Enhancing Chemotherapy-Induced Suppression of Cancer Metastases in Male Mice. <i>Endocrinology</i> , 2015, 156, 4511-4521.	1.4	33
138	Increased expression of the mitochondrial derived peptide, MOTS-c, in skeletal muscle of healthy aging men is associated with myofiber composition. <i>Aging</i> , 2020, 12, 5244-5258.	1.4	33
139	Insulin-Like Growth Factor Binding Protein-6 Inhibits the Growth of Human Bronchial Epithelial Cells and Increases in Abundance with All- <i>trans</i> -Retinoic Acid Treatment. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000, 23, 297-303.	1.4	32
140	New Role for the Mitochondrial Peptide Humanin: Protective Agent Against Chemotherapy-Induced Side Effects. <i>Journal of the National Cancer Institute</i> , 2014, 106, dju006-dju006.	3.0	32
141	Mitochondrial DNA Hypomethylation Is a Biomarker Associated with Induced Senescence in Human Fetal Heart Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2017, 2017, 1-12.	1.2	32
142	Dose-sparing and safety-enhancing effects of an IGF α -based dosing regimen in short children treated with growth hormone in a 2-year randomized controlled trial: therapeutic and pharmacoeconomic considerations. <i>Clinical Endocrinology</i> , 2014, 81, 71-76.	1.2	31
143	PAPA-1 Is a Nuclear Binding Partner of IGFBP-2 and Modulates Its Growth-Promoting Actions. <i>Molecular Endocrinology</i> , 2009, 23, 169-175.	3.7	30
144	Interaction of Insulin-like Growth Factor-binding Protein-3 and BAX in Mitochondria Promotes Male Germ Cell Apoptosis. <i>Journal of Biological Chemistry</i> , 2010, 285, 1726-1732.	1.6	29

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145	Resveratrol worsens survival in SCID mice with prostate cancer xenografts in a cell-line specific manner, through paradoxical effects on oncogenic pathways. <i>Prostate</i> , 2013, 73, 754-762.	1.2	29
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