

Cheryl A Conover

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

3,734
citations

172207

29
h-index

128067

60
g-index

63
all docs

63
docs citations

63
times ranked

4732
citing authors

#	ARTICLE	IF	CITATIONS
1	Senescent intimal foam cells are deleterious at all stages of atherosclerosis. <i>Science</i> , 2016, 354, 472-477.	6.0	824
2	Pregnancy-associated plasma protein-A (PAPP-A) cleaves insulin-like growth factor binding protein (IGFBP)-5 independent of IGF: implications for the mechanism of IGFBP-4 proteolysis by PAPP-A. <i>FEBS Letters</i> , 2001, 504, 36-40.	1.3	258
3	Metalloproteinase pregnancy-associated plasma protein A is a critical growth regulatory factor during fetal development. <i>Development (Cambridge)</i> , 2004, 131, 1187-1194.	1.2	244
4	Pregnancy-associated plasma protein-A (PAPP-A): A local regulator of IGF bioavailability through cleavage of IGFBPs. <i>Growth Hormone and IGF Research</i> , 2007, 17, 10-18.	0.5	173
5	Expression of Recombinant Human Pregnancy-associated Plasma Protein-A and Identification of the Proform of Eosinophil Major Basic Protein as Its Physiological Inhibitor. <i>Journal of Biological Chemistry</i> , 2000, 275, 31128-31133.	1.6	167
6	Mutations in pregnancy-associated plasma protein A2 cause short stature due to low IGF availability. <i>EMBO Molecular Medicine</i> , 2016, 8, 363-374.	3.3	147
7	Loss of pregnancy-associated plasma protein A extends lifespan in mice. <i>Aging Cell</i> , 2007, 6, 727-729.	3.0	146
8	Key questions and answers about pregnancy-associated plasma protein-A. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 242-249.	3.1	128
9	Evidence That the Insulin-Like Growth Factor Binding Protein-4 Protease in Human Ovarian Follicular Fluid Is Pregnancy Associated Plasma Protein-A. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 4742-4745.	1.8	107
10	Insulin-Like Growth Factor (IGF) Binding Protein-4 Is Both a Positive and Negative Regulator of IGF Activity in Vivo. <i>Molecular Endocrinology</i> , 2008, 22, 1213-1225.	3.7	98
11	Longevity and Age-Related Pathology of Mice Deficient in Pregnancy-Associated Plasma Protein-A. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 590-599.	1.7	78
12	Subcutaneous administration of insulin-like growth factor (IGF)-II/IGF binding protein-2 complex stimulates bone formation and prevents loss of bone mineral density in a rat model of disuse osteoporosis. <i>Growth Hormone and IGF Research</i> , 2002, 12, 178-183.	0.5	65
13	Pregnancy-Associated Plasma Protein-A2 (PAPP-A2): Tissue Expression and Biological Consequences of Gene Knockout in Mice. <i>Endocrinology</i> , 2011, 152, 2837-2844.	1.4	65
14	Transforming Growth Factor- β 2 Regulation of the Insulin-Like Growth Factor Binding Protein-4 Protease System in Cultured Human Osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 1066-1072.	3.1	64
15	Cytokine stimulation of pregnancy-associated plasma protein A expression in human coronary artery smooth muscle cells: inhibition by resveratrol. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 290, C183-C188.	2.1	62
16	Transgenic overexpression of pregnancy-associated plasma protein-A in murine arterial smooth muscle accelerates atherosclerotic lesion development. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H284-H291.	1.5	61
17	Insulin-like growth factor-binding proteins and bone metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E10-E14.	1.8	58
18	Insulin-like growth factor binding protein proteolysis in bone cell models. <i>Progress in Growth Factor Research</i> , 1995, 6, 301-309.	1.7	56

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19	Indirect targeting of IGF receptor signaling <i>in vivo</i> by substrate-selective inhibition of PAPP-A proteolytic activity. <i>Oncotarget</i> , 2014, 5, 1014-1025.	0.8	51
20	A Novel Neutralizing Antibody Targeting Pregnancy-Associated Plasma Protein-A Inhibits Ovarian Cancer Growth and Ascites Accumulation in Patient Mouse Tumorgrafts. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 973-981.	1.9	50
21	Lack of Growth Hormone Effect on Insulin-Associated Suppression of Insulinlike Growth Factor Binding Protein 1 in Humans. <i>Diabetes</i> , 1990, 39, 1251-1256.	0.3	48
22	Differential regulation of pregnancy associated plasma protein-A in human coronary artery endothelial cells and smooth muscle cells. <i>Growth Hormone and IGF Research</i> , 2008, 18, 213-220.	0.5	47
23	Role of extracellular matrix in insulin-like growth factor (IGF) binding protein-2 regulation of IGF-II action in normal human osteoblasts. <i>Growth Hormone and IGF Research</i> , 2003, 13, 328-335.	0.5	44
24	40 YEARS OF IGF1: PAPP-A and cancer. <i>Journal of Molecular Endocrinology</i> , 2018, 61, T1-T10.	1.1	42
25	The insulin-like growth factor system in multiple myeloma: diagnostic and therapeutic potential. <i>Oncotarget</i> , 2016, 7, 48732-48752.	0.8	40
26	Surface association of pregnancy-associated plasma protein-A accounts for its colocalization with activated macrophages. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H994-H1000.	1.5	38
27	Regulation of pregnancy-associated plasma protein-A expression in cultured human osteoblasts. <i>Bone</i> , 2004, 34, 297-302.	1.4	36
28	Targeted Inhibition of Pregnancy-Associated Plasma Protein-A Activity Reduces Atherosclerotic Plaque Burden in Mice. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 77-79.	1.1	36
29	Pregnancy-associated plasma protein-A expression in human breast cancer. <i>Growth Hormone and IGF Research</i> , 2014, 24, 264-267.	0.5	31
30	PAPP-A: a promising therapeutic target for healthy longevity. <i>Aging Cell</i> , 2017, 16, 205-209.	3.0	31
31	Preferential impact of pregnancy-associated plasma protein-A deficiency on visceral fat in mice on high-fat diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E1145-E1153.	1.8	29
32	PAPP-A proteolytic activity enhances IGF bioactivity in ascites from women with ovarian carcinoma. <i>Oncotarget</i> , 2015, 6, 32266-32278.	0.8	28
33	PAPP-A: a new anti-aging target?. <i>Aging Cell</i> , 2010, 9, 942-946.	3.0	27
34	Metabolic consequences of pregnancy-associated plasma protein-A deficiency in mice: exploring possible relationship to the longevity phenotype. <i>Journal of Endocrinology</i> , 2008, 198, 599-605.	1.2	26
35	Preferential expression of PAPP-A in human preadipocytes from omental fat. <i>Journal of Endocrinology</i> , 2014, 222, 87-97.	1.2	22
36	Role of PAPP-A in aging and age-related disease. <i>Experimental Gerontology</i> , 2013, 48, 612-613.	1.2	19

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37	Metalloproteinase PAPP-A regulation of IGF-1 contributes to polycystic kidney disease pathogenesis. JCI Insight, 2020, 5, .	2.3	19
38	PAPP-A and the IGF system in atherosclerosis: what's up, what's down?. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H1039-H1049.	1.5	18
39	Inducible Knock Out of Pregnancy-Associated Plasma Protein-A Gene Expression in the Adult Mouse: Effect on Vascular Injury Response. Endocrinology, 2013, 154, 2734-2738.	1.4	17
40	Inducible knockdown of pregnancy-associated plasma protein-A gene expression in adult female mice extends life span. Aging Cell, 2017, 16, 895-897.	3.0	17
41	The Insulin-Like Growth Factor System in the Long-Lived Naked Mole-Rat. PLoS ONE, 2015, 10, e0145587.	1.1	14
42	PAPP-A in normal human mesangial cells: effect of inflammation and factors related to diabetic nephropathy. Journal of Endocrinology, 2016, 231, 71-80.	1.2	14
43	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.	0.5	13
44	The IGF-p53 connection in cancer. Growth Hormone and IGF Research, 2018, 39, 25-28.	0.5	13
45	Comparative gene expression and phenotype analyses of skeletal muscle from aged wild-type and PAPP-A-deficient mice. Experimental Gerontology, 2016, 80, 36-42.	1.2	12
46	Insulin-like Growth Factor I Induction of c-myc Expression in Bovine Fibroblasts Can Be Blocked by Antecedent Insulin Receptor Activation. Experimental Cell Research, 1998, 238, 122-127.	1.2	11
47	Longevity is not influenced by prenatal programming of body size. Aging Cell, 2010, 9, 647-649.	3.0	11
48	Tissue-specific changes in pregnancy associated plasma protein-A expression with age in mice. Experimental Gerontology, 2014, 57, 13-17.	1.2	11
49	Discrepancies in insulin-like growth factor signaling? No, not really. Growth Hormone and IGF Research, 2016, 30-31, 42-44.	0.5	11
50	Characterization of mouse pericardial fat: regulation by PAPP-A. Growth Hormone and IGF Research, 2018, 42-43, 1-7.	0.5	11
51	Cellular characterization of human epicardial adipose tissue: highly expressed PAPP-A regulates insulin-like growth factor I signaling in human cardiomyocytes. Physiological Reports, 2019, 7, e14006.	0.7	11
52	Pregnancy-associated plasma protein-A (PAPP-A) is a key component of an interactive cellular mechanism promoting pulmonary fibrosis. Journal of Cellular Physiology, 2022, 237, 2220-2229.	2.0	9
53	Differential effects of glucocorticoids on insulin-like growth factor I action in cultured human fibroblasts. Journal of Cellular Physiology, 1995, 163, 615-622.	2.0	8
54	Abnormal IGF-Binding Protein Profile in the Bone Marrow of Multiple Myeloma Patients. PLoS ONE, 2016, 11, e0154256.	1.1	8

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55	Pregnancy-associated plasma protein-A modulates the anabolic effects of parathyroid hormone in mouse bone. <i>Bone</i> , 2015, 81, 413-416.	1.4	7
56	Pregnancy-associated plasma protein-A deficiency improves survival of mice on a high fat diet. <i>Experimental Gerontology</i> , 2015, 70, 131-134.	1.2	7
57	Genetic and Pharmacological Inhibition of PAPP-A Protects Against Visceral Obesity in Mice. <i>Endocrinology</i> , 2020, 161, .	1.4	7
58	Increased activity of the metalloproteinase PAPP-A promotes diabetes-induced glomerular hypertrophy. <i>Metabolism: Clinical and Experimental</i> , 2022, , 155218.	1.5	5
59	PAPP-A affects tendon structure and mechanical properties. <i>Journal of Structural Biology</i> , 2015, 192, 59-66.	1.3	2
60	Motor and memory testing of long-lived pregnancy-associated plasma protein-A knock-out mice. <i>Growth Hormone and IGF Research</i> , 2014, 24, 251-255.	0.5	1
61	Brain-specific PAPP-A knock-out mice?. <i>Experimental Gerontology</i> , 2021, 154, 111548.	1.2	1
62	Circulating insulin-like growth factor (IGF) system adaptations in hibernating brown bears indicate increased tissue IGF availability. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 0, , .	1.8	0