Claus Oxvig

List of Publications by Year in descending order

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64	2,576	249298	242451
papers	citations	26 h-index	47 g-index

69	69	69	5679
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pregnancyâ€associated plasma proteinâ€A (PAPPâ€A) is a key component of an interactive cellular mechanism promoting pulmonary fibrosis. Journal of Cellular Physiology, 2022, 237, 2220-2229.	2.0	9
2	Characterisation of the Stromal Microenvironment in Lobular Breast Cancer. Cancers, 2022, 14, 904.	1.7	13
3	Increased activity of the metalloproteinase PAPP-A promotes diabetes-induced glomerular hypertrophy. Metabolism: Clinical and Experimental, 2022, , 155218.	1.5	5
4	Superoxide dismutase 3 is expressed in bone tissue and required for normal bone homeostasis and mineralization. Free Radical Biology and Medicine, 2021, 164, 399-409.	1.3	8
5	Metabolic improvement after gastric bypass correlates with changes in IGF-regulatory proteins stanniocalcin-2 and IGFBP-4. Metabolism: Clinical and Experimental, 2021, 124, 154886.	1.5	8
6	Differential Nanoparticle Sequestration by Macrophages and Scavenger Endothelial Cells Visualized in Vivo in Real-Time and at Ultrastructural Resolution. ACS Nano, 2020, 14, 1665-1681.	7.3	62
7	Pregnancy-Associated Plasma Protein-A2 Is Associated With Mortality in Patients With Lung Cancer. Frontiers in Endocrinology, 2020, 11, 614.	1.5	4
8	Netazepide Inhibits Expression of Pappalysin 2 in Type 1 Gastric Neuroendocrine Tumors. Cellular and Molecular Gastroenterology and Hepatology, 2020, 10, 113-132.	2.3	8
9	Tracing the In Vivo Fate of Nanoparticles with a â€œNon-Selfâ€•Biological Identity. ACS Nano, 2020, 14, 10666-10679.	7.3	12
10	Expression of the Insulin-like Growth Factor System in First- and Second-Trimester Human Embryonic and Fetal Gonads. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3157-e3168.	1.8	7
11	Metalloproteinase PAPP-A regulation of IGF-1 contributes to polycystic kidney disease pathogenesis. JCI Insight, 2020, 5, .	2.3	19
12	Anthropometric and biochemical correlates of PAPP-A2, free IGF-I, and IGFBP-3 in childhood. European Journal of Endocrinology, 2020, 182, 363-374.	1.9	12
13	The metalloproteinase Papp-aa controls epithelial cell quiescence-proliferation transition. ELife, 2020, 9, .	2.8	12
14	PAPP-A and the IGF system in atherosclerosis: whatâ€™s up, whatâ€™s down?. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H1039-H1049.	1.5	18
15	A common variant of the pregnancy-associated plasma protein-A (PAPPA) gene encodes a protein with reduced proteolytic activity towards IGF-binding proteins. Scientific Reports, 2019, 9, 13231.	1.6	11
16	Pregnancy-Associated Plasma Protein-A (PAPP-A) in Ewing Sarcoma: Role in Tumor Growth and Immune Evasion. Journal of the National Cancer Institute, 2019, 111, 970-982.	3.0	43
17	Transcription profile of the insulin-like growth factor signaling pathway during human ovarian follicular development. Journal of Assisted Reproduction and Genetics, 2019, 36, 889-903.	1.2	13
18	Depot-specific and GH-dependent regulation of IGF binding protein-4, pregnancy-associated plasma protein-A, and stanniocalcin-2 in murine adipose tissue. Growth Hormone and IGF Research, 2018, 39, 54-61.	0.5	21

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19	Prognostic value of the Stanniocalcin-2/PAPP-A/IGFBP-4 axis in ST-segment elevation myocardial infarction. Cardiovascular Diabetology, 2018, 17, 63.	2.7	17
20	Prognostic relevance and performance characteristics of serum <scp>IGFBP</scp>â€2 and <scp>PAPP</scp>â€A in women with breast cancer: a longâ€term Danish cohort study. Cancer Medicine, 2018, 7, 2391-2404.	1.3	13
21	40 YEARS OF IGF1: PAPP-A and cancer. Journal of Molecular Endocrinology, 2018, 61, T1-T10.	1.1	42
22	A characteristic signature of insulin-like growth factor (IGF) axis expression during osteogenic differentiation of human dental pulp cells (hDPCs): Potential co-ordinated regulation of IGF action. Growth Hormone and IGF Research, 2018, 42-43, 14-21.	0.5	7
23	Insulin- like Growth Factor-Binding Protein Action in Bone Tissue: A Key Role for Pregnancy-Associated Plasma Protein-A. Frontiers in Endocrinology, 2018, 9, 31.	1.5	17
24	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	13.7	544
25	Endogenous Natural Complement Inhibitor Regulates Cardiac Development. Journal of Immunology, 2017, 198, 3118-3126.	0.4	11
26	Female versus male biological identities of nanoparticles determine the interaction with immune cells in fish. Environmental Science: Nano, 2017, 4, 895-906.	2.2	31
27	The IGF system in patients with type 2 diabetes: associations with markers of cardiovascular target organ damage. European Journal of Endocrinology, 2017, 176, 521-531.	1.9	28
28	Insulinâ€Like Growth Factor Binding Protein 4 Fragments Provide Incremental Prognostic Information on Cardiovascular Events in Patients With STâ€Segment Elevation Myocardial Infarction. Journal of the American Heart Association, 2017, 6, .	1.6	28
29	PAPP-A: a promising therapeutic target for healthy longevity. Aging Cell, 2017, 16, 205-209.	3.0	31
30	Pregnancy-Associated Plasma Protein-A2 and Anthropometry, Lifestyle, and Biochemical Factors in a Human Adult Population. Scientific Reports, 2017, 7, 10455.	1.6	5
31	Insulin-Like Growth Factor Bioactivity, Stanniocalcin-2, Pregnancy-Associated Plasma Protein-A, and IGF-Binding Protein-4 in Pleural Fluid and Serum From Patients With Pulmonary Disease. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3526-3534.	1.8	31
32	One level up: abnormal proteolytic regulation of <scp>IGF</scp> activity plays a role in human pathophysiology. EMBO Molecular Medicine, 2017, 9, 1338-1345.	3.3	65
33	Differential Impact of Glucose Administered Intravenously and Orally on Circulating miR-375 Levels in Human Subjects. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3749-3755.	1.8	7
34	Loss-of-activity-mutation in the cardiac chloride-bicarbonate exchanger AE3 causes short QT syndrome. Nature Communications, 2017, 8, 1696.	5.8	88
35	Effects of Prednisolone on Serum and Tissue Fluid IGF-I Receptor Activation and Post-Receptor Signaling in Humans. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 4031-4040.	1.8	16
36	Effect of pregnancy-associated plasma protein-A (PAPP-A) single-nucleotide polymorphisms on the level and activity of PAPP-A and the hormone profile in fluid from normal human small antral follicles. Fertility and Sterility, 2016, 106, 1778-1786.e8.	0.5	10

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37	Targeted Inhibition of Pregnancy-Associated Plasma Protein-A Activity Reduces Atherosclerotic Plaque Burden in Mice. Journal of Cardiovascular Translational Research, 2016, 9, 77-79.	1.1	36
38	PAPP-A and the IGF system. Annales D'Endocrinologie, 2016, 77, 90-96.	0.6	43
39	PAPP-A, IGFBP-4 and IGF-II are secreted by human adipose tissue cultures in a depot-specific manner. European Journal of Endocrinology, 2016, 175, 509-519.	1.9	25
40	Mutations in pregnancyâ€associated plasma protein A2 cause short stature due to low <scp>IGF</scp> â€availability. EMBO Molecular Medicine, 2016, 8, 363-374.	3.3	147
41	Lactation opposes pappalysinâ€1â€driven pregnancyâ€associated breast cancer. EMBO Molecular Medicine, 2016, 8, 388-406.	3.3	41
42	Stanniocalcin-2 overexpression reduces atherosclerosis in hypercholesterolemic mice. Atherosclerosis, 2016, 248, 36-43.	0.4	23
43	The proteolytic activity of pregnancy-associated plasma protein-A is potentially regulated by stanniocalcin-1 and -2 during human ovarian follicle development. Human Reproduction, 2016, 31, 866-874.	0.4	46
44	Transglutaminase 2-Catalyzed Intramolecular Cross-Linking of Osteopontin. Biochemistry, 2016, 55, 294-303.	1.2	14
45	Myocardial and Peripheral Ischemia Causes an Increase in Circulating Pregnancy-Associated Plasma Protein-A in Non-atherosclerotic, Non-heparinized Pigs. Journal of Cardiovascular Translational Research, 2015, 8, 528-535.	1.1	0
46	Stanniocalcin-2 Inhibits Mammalian Growth by Proteolytic Inhibition of the Insulin-like Growth Factor Axis. Journal of Biological Chemistry, 2015, 290, 3430-3439.	1.6	110
47	The role of PAPP-A in the IGF system: location, location, location. Journal of Cell Communication and Signaling, 2015, 9, 177-187.	1.8	159
48	A Novel Neutralizing Antibody Targeting Pregnancy-Associated Plasma Protein-A Inhibits Ovarian Cancer Growth and Ascites Accumulation in Patient Mouse Tumorgrafts. Molecular Cancer Therapeutics, 2015, 14, 973-981.	1.9	50
49	PAPP-A and IGFBP-4 fragment levels in patients with ST-elevation myocardial infarction treated with heparin and PCI. Clinical Biochemistry, 2015, 48, 322-328.	0.8	27
50	Disturbed Laminar Blood Flow Vastly Augments Lipoprotein Retention in the Artery Wall. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1928-1935.	1.1	23
51	Stanniocalcin-1 Potently Inhibits the Proteolytic Activity of the Metalloproteinase Pregnancy-associated Plasma Protein-A. Journal of Biological Chemistry, 2015, 290, 21915-21924.	1.6	69
52	Pregnancy-associated plasma protein A in human ovarian follicles and its association with intrafollicular hormone levels. Fertility and Sterility, 2015, 104, 1294-1301.e1.	0.5	23
53	PAPP-A proteolytic activity enhances IGF bioactivity in ascites from women with ovarian carcinoma. Oncotarget, 2015, 6, 32266-32278.	0.8	28
54	Pregnancy-associated plasma protein-A expression in human breast cancer. Growth Hormone and IGF Research, 2014, 24, 264-267.	0.5	31

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55	Pregnancy-associated plasma protein-A2 modulates development of cranial cartilage and angiogenesis in zebrafish embryos. Journal of Cell Science, 2014, 127, 5027-37.	1.2	22
56	Development of a recombinant antibody towards PAPP-A for immunohistochemical use in multiple animal species. Journal of Immunological Methods, 2014, 404, 33-40.	0.6	19
57	Identification of Transglutaminase Reactive Residues in Human Osteopontin and Their Role in Polymerization. PLoS ONE, 2014, 9, e113650.	1.1	14
58	Indirect targeting of IGF receptor signalingin vivoby substrate-selective inhibition of PAPP-A proteolytic activity. Oncotarget, 2014, 5, 1014-1025.	0.8	51
59	Pregnancy-associated Plasma Protein A (PAPP-A) Modulates the Early Developmental Rate in Zebrafish Independently of Its Proteolytic Activity. Journal of Biological Chemistry, 2013, 288, 9982-9992.	1.6	24
60	Quantification of Proteolytically Active Pregnancy-Associated Plasma Protein-A with an Assay Based on Quenched Fluorescence. Clinical Chemistry, 2007, 53, 947-954.	1.5	33
61	Quantitative Analysis of Insulin-like Growth Factor-Modulated Proteolysis of Insulin-like Growth Factor Binding Protein-4 and -5 by Pregnancy-Associated Plasma Protein-A. Biochemistry, 2007, 46, 1972-1980.	1.2	45
62	Cell Surface Targeting of Pregnancy-associated Plasma Protein A Proteolytic Activity. Journal of Biological Chemistry, 2002, 277, 47225-47234.	1.6	96
63	Double-monoclonal immunofluorometric assays for pregnancy-associated plasma protein A/proeosinophil major basic protein (PAPP-A/proMBP) complex in first-trimester maternal serum screening for Down syndrome. Clinical Chemistry, 1997, 43, 2323-2332.	1.5	73
64	Localization of disulfide bridges and free sulfhydryl groups in human eosinophil granule major basic protein. FEBS Letters, 1994, 341, 213-217.	1.3	19