David R Brigstock

List of Publications by Year
in descending order

72 papers	11,498 citations	101535 36 h-index	95259 68 g-index
72 all docs	72 docs citations	72 times ranked	16124 citing authors

#	Article	IF	Citations
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	12.2	6,961
2	The Connective Tissue Growth Factor/Cysteine- Rich 61/Nephroblastoma Overexpressed (CCN) Family*. Endocrine Reviews, 1999, 20, 189-206.	20.1	483
3	Regulation of angiogenesis and endothelial cell function by connective tissue growth factor (CTGF) and cysteine-rich 61 (CYR61). Angiogenesis, 2002, 5, 153-165.	7.2	290
4	Connective Tissue Growth Factor (CCN2) Induces Adhesion of Rat Activated Hepatic Stellate Cells by Binding of Its C-terminal Domain to Integrin Î±vÎ²3 and Heparan Sulfate Proteoglycan. Journal of Biological Chemistry, 2004, 279, 8848-8855.	3.4	225
5	Epigenetic regulation of connective tissue growth factor by MicroRNA-214 delivery in exosomes from mouse or human hepatic stellate cells. Hepatology, 2014, 59, 1118-1129.	7.3	224
6	Connective tissue growth factor (CTGF/CCN2) in hepatic fibrosis. Hepatology Research, 2003, 26, 1-9.	3.4	213
7	Purification and Characterization of Novel Heparin-binding Growth Factors in Uterine Secretory Fluids. Journal of Biological Chemistry, 1997, 272, 20275-20282.	3.4	188
8	Structural and Functional Properties of CCN Proteins. Vitamins and Hormones, 2005, 70, 69-103.	1.7	153
9	Increased expression of connective tissue growth factor in fibrotic human liver and in activated hepatic stellate cells. Journal of Hepatology, 2000, 32, 754-761.	3.7	130
10	Suppression of fibrogenic signaling in hepatic stellate cells by Twist1-dependent microRNA-214 expression: Role of exosomes in horizontal transfer of Twist1. American Journal of Physiology - Renal Physiology, 2015, 309, G491-G499.	3.4	119
11	Low density lipoprotein receptor-related protein (LRP) is a heparin-dependent adhesion receptor for connective tissue growth factor (CTGF) in rat activated hepatic stellate cells. Hepatology Research, 2003, 27, 214-220.	3.4	117
12	Connective tissue growth factor (CCN2, CTGF) and organ fibrosis: lessons from transgenic animals. Journal of Cell Communication and Signaling, 2010, 4, 1-4.	3.4	116
13	Characterization of Cell-Associated and Soluble Forms of Connective Tissue Growth Factor (CTGF) Produced by Fibroblast CellsIn Vitro. Growth Factors, 1998, 15, 199-213.	1.7	115
14	Regulation of hepatic stellate cells by connective tissue growth factor. Frontiers in Bioscience - Landmark, 2012, 17, 2495.	3.0	113
15	Exosomes mediate intercellular transfer of pro-fibrogenic connective tissue growth factor (CCN2) between hepatic stellate cells, the principal fibrotic cells in the liver. Surgery, 2014, 156, 548-555.	1.9	111
16	Therapeutic effects of serum extracellular vesicles in liver fibrosis. Journal of Extracellular Vesicles, 2018, 7, 1461505.	12.2	92
17	Characterization of 16- to 20-Kilodalton (kDa) Connective Tissue Growth Factors (CTGFs) and Demonstration of Proteolytic Activity for 38-kDa CTGF in Pig Uterine Luminal Flushings1. Biology of Reproduction, 1998, 59, 828-835.	2.7	87
18	Connective Tissue Growth Factor (CCN2) in Rat Pancreatic Stellate Cell Function: Integrin Î±5Î²1 as a Novel CCN2 Receptor. Gastroenterology, 2005, 129, 1019-1030.	1.3	84

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19	Connective Tissue Growth Factor (CTGF) Inactivation Leads to Defects in Islet Cell Lineage Allocation and Î²-Cell Proliferation during Embryogenesis. Molecular Endocrinology, 2009, 23, 324-336.	3.7	77
20	Connective tissue growth factor (CCN2) and microRNA-21 are components of a positive feedback loop in pancreatic stellate cells (PSC) during chronic pancreatitis and are exported in PSC-derived exosomes. Journal of Cell Communication and Signaling, 2014, 8, 147-156.	3.4	75
21	Susceptibility to liver fibrosis in mice expressing a connective tissue growth factor transgene in hepatocytes. Hepatology, 2009, 50, 939-947.	7.3	72
22	Human Breast Milk-Derived Extracellular Vesicles in the Protection Against Experimental Necrotizing Enterocolitis. Journal of Pediatric Surgery, 2020, 55, 54-58.	1.6	72
23	Strategies for blocking the fibrogenic actions of connective tissue growth factor (CCN2): From pharmacological inhibition in vitro to targeted siRNA therapy in vivo. Journal of Cell Communication and Signaling, 2009, 3, 5-18.	3.4	65
24	Integrins and heparan sulfate proteoglycans on hepatic stellate cells (HSC) are novel receptors for HSCâ€derived exosomes. FEBS Letters, 2016, 590, 4263-4274.	2.8	65
25	Connective tissue growth factor induces c-fos gene activation and cell proliferation through p44/42 MAP kinase in primary rat hepatic stellate cells. Journal of Hepatology, 2004, 40, 431-438.	3.7	64
26	Fibrogenic Signaling Is Suppressed in Hepatic Stellate Cells through Targeting of Connective Tissue Growth Factor (CCN2) by Cellular or Exosomal MicroRNA-199a-5p. American Journal of Pathology, 2016, 186, 2921-2933.	3.8	64
27	Immunohistochemical Localization of Connective Tissue Growth Factor (CTGF) in the Mouse Embryo between Days 7.5 and 14.5 of Gestation. Growth Factors, 1999, 17, 115-124.	1.7	63
28	Interaction of Heparin-Binding EGF-Like Growth Factor (HB-EGF) with the Epidermal Growth Factor Receptor: Modulation by Heparin, Heparinase, or Synthetic Heparin-Binding HB-EGF Fragments. Growth Factors, 1992, 7, 289-296.	1.7	62
29	Connective Tissue Growth Factor Modulates Adult Î²-Cell Maturity and Proliferation to Promote Î²-Cell Regeneration in Mice. Diabetes, 2015, 64, 1284-1298.	0.6	61
30	Regulation of pancreatic function by connective tissue growth factor (CTGF, CCN2). Cytokine and Growth Factor Reviews, 2013, 24, 59-68.	7.2	59
31	Pathways of production and delivery of hepatocyte exosomes. Journal of Cell Communication and Signaling, 2018, 12, 343-357.	3.4	57
32	Connective tissue growth factor siRNA modulates mRNA levels for a subset of molecules in normal and TGF-?1?stimulated porcine skin fibroblasts. Wound Repair and Regeneration, 2004, 12, 205-216.	3.0	55
33	TNF-Î±, but not IFN-Î³, regulates CCN2 (CTGF), collagen type I, and proliferation in mesangial cells: possible roles in the progression of renal fibrosis. American Journal of Physiology - Renal Physiology, 2007, 293, F157-F165.	2.7	52
34	Ethanol-stimulated differentiated functions of human or mouse hepatic stellate cells are mediated by connective tissue growth factor. Journal of Hepatology, 2011, 55, 399-406.	3.7	51
35	Connective tissue growth factor production by activated pancreatic stellate cells in mouse alcoholic chronic pancreatitis. Laboratory Investigation, 2010, 90, 1179-1188.	3.7	48
36	Lipopolysaccharide enhances TGF â€Î²1 signalling pathway and rat pancreatic fibrosis. Journal of Cellular and Molecular Medicine, 2018, 22, 2346-2356.	3.6	47

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37	Activation of the Connective Tissue Growth Factor (CTGF)-Transforming Growth Factor Î² 1 (TGF-Î² 1) Axis in Hepatitis C Virus-Expressing Hepatocytes. PLoS ONE, 2012, 7, e46526.	2.5	38
38	Intrinsic biological activity of the thrombospondin structural homology repeat in connective tissue growth factor. Journal of Endocrinology, 2006, 188, R1-R8.	2.6	36
39	Regulation of CCN2ÂmRNA expression and promoter activity in activated hepatic stellate cells. Journal of Cell Communication and Signaling, 2008, 2, 49-56.	3.4	35
40	Extracellular Vesicles in Organ Fibrosis: Mechanisms, Therapies, and Diagnostics. Cells, 2021, 10, 1596.	4.1	33
41	Immunohistochemical localization of heparin-binding epidermal growth factor-like growth factor in normal skin and skin cancers. The Histochemical Journal, 1997, 29, 735-744.	0.6	31
42	Extracellular Vesicles From Hepatocytes Are Therapeutic for Toxin-Mediated Fibrosis and Gene Expression in the Liver. Frontiers in Cell and Developmental Biology, 2019, 7, 368.	3.7	31
43	Connective Tissue Growth Factor is Involved in Pancreatic Repair and Tissue Remodeling in Human and Rat Acute Necrotizing Pancreatitis. Annals of Surgery, 2002, 235, 60-67.	4.2	29
44	Heparin-binding epidermal growth factor-like growth factor suppresses experimental liver fibrosis in mice. Laboratory Investigation, 2012, 92, 703-712.	3.7	29
45	Regulation of pancreatic inflammation by connective tissue growth factor (<scp>CTGF</scp>/<scp>CCN</scp>2). Immunology, 2014, 141, 564-576.	4.4	28
46	Integrin expression and function in the response of primary culture hepatic stellate cells to connective tissue growth factor (CCN2). Journal of Cellular and Molecular Medicine, 2011, 15, 1087-1095.	3.6	27
47	Connective tissue growth factor is overexpressed in human hepatocellular carcinoma and promotes cell invasion and growth. World Journal of Gastroenterology, 2012, 18, 7070.	3.3	25
48	Induction of Anchorage Independent Growth by Heparin-binding EGF-like Growth Factor (HB-EGF). Growth Factors, 1999, 17, 49-61.	1.7	22
49	Activation of nuclear factor kappa B (NF-kappaB) by connective tissue growth factor (CCN2) is involved in sustaining the survival of primary rat hepatic stellate cells. Cell Communication and Signaling, 2005, 3, 14.	6.5	21
50	Interleukin-6 participates in human pancreatic stellate cell activation and collagen I production via TGF-Î²1/Smad pathway. Cytokine, 2021, 143, 155536.	3.2	20
51	Clinical significance of connective tissue growth factor in hepatitis B virus-induced hepatic fibrosis. World Journal of Gastroenterology, 2012, 18, 2280.	3.3	19
52	Connective tissue growth factor is expressed in bone marrow stromal cells and promotes interleukin-7-dependent B lymphopoiesis. Haematologica, 2014, 99, 1149-1156.	3.5	18
53	Ethanol-mediated expression of connective tissue growth factor (CCN2) in mouse pancreatic stellate cells. Growth Factors, 2009, 27, 91-99.	1.7	16
54	Dynamic Changes in Function and Proteomic Composition of Extracellular Vesicles from Hepatic Stellate Cells during Cellular Activation. Cells, 2020, 9, 290.	4.1	16

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55	Characterization of Pig Connective Tissue Growth Factor (CTGF) cDNA, mRNA and Protein from Uterine Tissue. DNA Sequence, 1998, 8, 385-390.	0.7	14
56	Connective tissue growth factor hammerhead ribozyme attenuates human hepatic stellate cell function. World Journal of Gastroenterology, 2009, 15, 3807.	3.3	14
57	Structural and Functional Characterization of Fibronectin in Extracellular Vesicles From Hepatocytes. Frontiers in Cell and Developmental Biology, 2021, 9, 640667.	3.7	13
58	Role of Gutâ€Derived Endotoxin on Type I Collagen Production in the Rat Pancreas After Chronic Alcohol Exposure. Alcoholism: Clinical and Experimental Research, 2018, 42, 306-314.	2.4	7
59	Site-directed Mutagenesis of Heparin-binding EGF-like Growth Factor (HB-EGF): Analysis ofO-glycosylation Sites and Properties. Growth Factors, 2001, 19, 127-143.	1.7	6
60	CD8+ T lymphocyte response against extrahepatic biliary epithelium is activated by epitopes within NSP4 in experimental biliary atresia. American Journal of Physiology - Renal Physiology, 2014, 307, G233-G240.	3.4	6
61	Cellular or Exosomal microRNAs Associated with CCN Gene Expression in Liver Fibrosis. Methods in Molecular Biology, 2017, 1489, 465-480.	0.9	6
62	Biological and Proteomic Characteristics of an Immortalized Human Pancreatic Stellate Cell Line. International Journal of Medical Sciences, 2020, 17, 137-144.	2.5	6
63	CD4 + Foxp3 + CD25 +/â^' Tregs characterize liver tissue specimens of patients suffering from drug-induced autoimmune hepatitis: A clinical-pathological study. Hepatobiliary and Pancreatic Diseases International, 2018, 17, 133-139.	1.3	5
64	IgG4-related sclerosing cholangitis overlapping with autoimmune hepatitis: Report of a case. Pathology Research and Practice, 2017, 213, 565-569.	2.3	4
65	IgG4-related sclerosing cholangitis and chronic sclerosing sialadenitis mimicking cholangiocarcinoma and neck malignancy. Hepatobiliary and Pancreatic Diseases International, 2017, 16, 443-445.	1.3	4
66	Analysis of Pathological Activities of CCN Proteins in Fibrotic Diseases: Liver Fibrosis. Methods in Molecular Biology, 2017, 1489, 445-463.	0.9	3
67	Gravesâ€™ disease overlapping with chronic hepatitis B and methimazole-induced liver injury and autoimmune hepatitis: a case report. BMC Gastroenterology, 2022, 22, 59.	2.0	3
68	Exosomal microRNA modulates pathways of liver fibrosis by regulating connective tissue growth factor (CTGF) expression in fibrogenic cells during chronic injury.. FASEB Journal, 2013, 27, lb440.	0.5	2
69	Connective tissue growth factor (CTGF/CCN2) expression in quiescent hepatic stellate cells is inhibited by a Twistâ€1â€miRâ€214 axis (649.7). FASEB Journal, 2014, 28, .	0.5	1
70	Resolution of experimental liver fibrosis in mice by targeted delivery of connective tissue growth factor siRNA. FASEB Journal, 2009, 23, 117.5.	0.5	0
71	Cellular localization of connectiv tissue growth factor in panceatic fibrosis in mice. FASEB Journal, 2010, 24, 1030.17.	0.5	0
72	Comparative Analysis of Proteins in Extracellular Vesicles from Quiescent versus Activated Hepatic Stellate Cells. FASEB Journal, 2019, 33, 662.70.	0.5	0