

Joan L Rosenbaum

List of Publications by Year in descending order

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109
papers

5,251
citations

47006
47
h-index

95266
68
g-index

115
all docs

115
docs citations

115
times ranked

6173
citing authors

#	ARTICLE	IF	CITATIONS
1	Liver Reptin/RUVBL2 controls glucose and lipid metabolism with opposite actions on mTORC1 and mTORC2 signalling. Gut, 2018, 67, 2192-2203.	12.1	17
2	Reptin regulates insulin-stimulated Akt phosphorylation in hepatocellular carcinoma via the regulation of SHP-1/PTPN6. Cell Biochemistry and Function, 2017, 35, 289-295.	2.9	5
3	Collaborative efforts to prevent Alzheimer's disease. Journal of Nutrition, Health and Aging, 2017, 21, 1072-1074.	3.3	1
4	The Oxygen Paradox, the French Paradox, and age-related diseases. GeroScience, 2017, 39, 499-550.	4.6	59
5	Metalloproteinase meprin Î± regulates migration and invasion of human hepatocarcinoma cells and is a mediator of the oncoprotein Reptin. Oncotarget, 2017, 8, 7839-7851.	1.8	20
6	The AAA+ proteins Pontin and Reptin enter adult age: from understanding their basic biology to the identification of selective inhibitors. Frontiers in Molecular Biosciences, 2015, 2, 17.	3.5	37
7	Reptin Regulates DNA Double Strand Breaks Repair in Human Hepatocellular Carcinoma. PLoS ONE, 2015, 10, e0123333.	2.5	22
8	Genome-wide screen identifies a novel p97/ <sc>CDC</sc>-dependent pathway regulating <sc>ER</sc>-induced gene transcription. EMBO Reports, 2015, 16, 332-340.	4.5	18
9	Integrative Quantitative Proteomics Unveils Proteostasis Imbalance in Human Hepatocellular Carcinoma Developed on Nonfibrotic Livers. Molecular and Cellular Proteomics, 2014, 13, 3473-3483.	3.8	15
10	Discoidin domain receptor 1 controls linear invadosome formation via a Cdc42-Tuba pathway. Journal of Cell Biology, 2014, 207, 517-533.	5.2	92
11	Design, synthesis and biological evaluation of Pontin ATPase inhibitors through a molecular docking approach. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 2512-2516.	2.2	14
12	Extracellular matrix rigidity controls podosome induction in microvascular endothelial cells. Biology of the Cell, 2013, 105, 46-57.	2.0	53
13	Hepatic Lesions Observed in Hepatitis C Virus Transgenic Mice Infected by <i>Helicobacter hepaticus</i>. Helicobacter, 2013, 18, 33-40.	3.5	11
14	A novel small-molecule screening strategy identifies mitoxantrone as a RhoGTPase inhibitor. Biochemical Journal, 2013, 450, 55-62.	3.7	15
15	The ATPase Activity of Reptin Is Required for Its Effects on Tumor Cell Growth and Viability in Hepatocellular Carcinoma. Molecular Cancer Research, 2013, 11, 133-139.	3.4	28
16	Posttranscriptional Regulation of <i>PER1</i> Underlies the Oncogenic Function of IREÎ±. Cancer Research, 2013, 73, 4732-4743.	0.9	115
17	Physiological type I collagen organization induces the formation of a novel class of linear invadosomes. Molecular Biology of the Cell, 2012, 23, 297-309.	2.1	84
18	Sorafenib-Mediated Targeting of the AAA+ ATPase p97/VCP Leads to Disruption of the Secretory Pathway, Endoplasmic Reticulum Stress, and Hepatocellular Cancer Cell Death. Molecular Cancer Therapeutics, 2012, 11, 2610-2620.	4.1	64

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19	Molecular basis of differential target regulation by miR-96 and miR-182: the Glypican-3 as a model. <i>Nucleic Acids Research</i> , 2012, 40, 1356-1365.	14.5	45
20	First identification of small-molecule inhibitors of Pontin by combining virtual screening and enzymatic assay. <i>Biochemical Journal</i> , 2012, 443, 549-559.	3.7	36
21	Comparison of IMAC and MOAC for phosphopeptide enrichment by column chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 891-892, 109-112.	2.3	23
22	Rnd3/RhoE is down-regulated in hepatocellular carcinoma and controls cellular invasion. <i>Hepatology</i> , 2012, 55, 1766-1775.	7.3	53
23	Closing the gap on drug-induced liver injury. <i>Hepatology</i> , 2012, 56, 781-783.	7.3	5
24	The multifaceted proteins Reptin and Pontin as major players in cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2011, 1815, 147-157.	7.4	77
25	A protective role for CD154 in hepatic steatosis in mice. <i>Hepatology</i> , 2010, 52, 1968-1979.	7.3	26
26	In vivo silencing of Reptin blocks the progression of human hepatocellular carcinoma in xenografts and is associated with replicative senescence. <i>Journal of Hepatology</i> , 2010, 52, 681-689.	3.7	48
27	Liver myofibroblasts activate protein C and respond to activated protein C. <i>World Journal of Gastroenterology</i> , 2010, 16, 210.	3.3	4
28	Adenosine triphosphatase pontin is overexpressed in hepatocellular carcinoma and coregulated with reptin through a new posttranslational mechanism. <i>Hepatology</i> , 2009, 50, 1871-1883.	7.3	54
29	Vitamin A-guided siRNAs targeting a collagen chaperone can reverse experimental cirrhosis. <i>Journal of Hepatology</i> , 2008, 49, 1085-1087.	3.7	1
30	Protease-activated receptor 1 knockout reduces experimentally induced liver fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G226-G235.	3.4	57
31	Pontin and Reptin, Two Related ATPases with Multiple Roles in Cancer. <i>Cancer Research</i> , 2008, 68, 6873-6876.	0.9	94
32	A red wine polyphenolic extract reduces the activation phenotype of cultured human liver myofibroblasts. <i>World Journal of Gastroenterology</i> , 2008, 14, 2194.	3.3	4
33	Thrombin inhibits migration of human hepatic myofibroblasts. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G128-G136.	3.4	11
34	Dietary Lecithin Protects Against Cholestatic Liver Disease in Cholic Acid-Deficient Mice. <i>Pediatric Research</i> , 2007, 61, 185-190.	2.3	16
35	Pravastatin reduces lung metastasis of rat hepatocellular carcinoma via a coordinated decrease of MMP expression and activity. <i>Journal of Hepatology</i> , 2007, 46, 69-76.	3.7	66
36	Overexpression and role of the ATPase and putative DNA helicase RuvB-like 2 in human hepatocellular carcinoma. <i>Hepatology</i> , 2007, 46, 1108-1118.	7.3	100

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37	Cytokines pattern after surgical radiofrequency ablation of liver colorectal metastases. Gastroenterologie Clinique Et Biologique, 2007, 31, 141-145.	0.9	39
38	Ultrasound-Induced Expression of a Heat Shock Promoter-Driven Transgene Delivered in the Kidney by Genetically Modified Mesenchymal Stem Cells. , 2007, , 171-179.		1
39	Halofuginone suppresses the lung metastasis of chemically induced hepatocellular carcinoma in rats through MMP inhibition. Neoplasia, 2006, 8, 312-318.	5.3	36
40	Matrix Metalloproteinase 3 Is Present in the Cell Nucleus and Is Involved in Apoptosis. American Journal of Pathology, 2006, 169, 1390-1401.	3.8	150
41	The grape-derived polyphenol resveratrol differentially affects epidermal and platelet-derived growth factor signaling in human liver myofibroblasts. International Journal of Biochemistry and Cell Biology, 2006, 38, 629-637.	2.8	26
42	Osteopontin expression in normal and fibrotic liver. Altered liver healing in osteopontin-deficient mice. Journal of Hepatology, 2006, 44, 383-390.	3.7	79
43	The ARE-associated factor AUF1 binds poly(A) in vitro in competition with PABP. Biochemical Journal, 2006, 400, 337-347.	3.7	22
44	Effects of bile acids on biliary epithelial cell proliferation and portal fibroblast activation using rat liver slices. Laboratory Investigation, 2006, 86, 275-285.	3.7	49
45	Expression of protease-activated receptors and tissue factor in human liver. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2006, 448, 46-51.	2.8	37
46	Proteomic analysis of differentially expressed proteins in hepatocellular carcinoma developed in patients with chronic viral hepatitisâ€¦C. Proteomics, 2005, 5, 3778-3789.	2.2	83
47	Expression of tissue factor pathway inhibitor-2 in murine and human liver regulation during inflammation. Thrombosis and Haemostasis, 2004, 91, 569-575.	3.4	17
48	Expression of somatostatin receptors in normal and cirrhotic human liver and in hepatocellular carcinoma. Gut, 2004, 53, 1180-1189.	12.1	95
49	A role for thrombin in liver fibrosis. Gut, 2004, 53, 1682-1687.	12.1	69
50	Downâ€regulation of connective tissue growth factor and type I collagen mRNA expression by connective tissue growth factor antisense oligonucleotide during experimental liver fibrosis. Wound Repair and Regeneration, 2004, 12, 60-66.	3.0	59
51	The chemokine receptor CCR1 is strongly up-regulated after skin injury but dispensable for wound healing. Wound Repair and Regeneration, 2004, 12, 193-204.	3.0	52
52	Fibrillin-1 expression in normal and fibrotic rat liver and in cultured hepatic fibroblastic cells: modulation by mechanical stress and role in cell adhesion. Laboratory Investigation, 2004, 84, 203-212.	3.7	66
53	In Vivo MR Imaging of Intravascularly Injected Magnetically Labeled Mesenchymal Stem Cells in Rat Kidney and Liver. Radiology, 2004, 233, 781-789.	7.3	232
54	Expression of fibrillin-1 in focal nodular hyperplasia of the liver: a role in microcirculation adaptability. Comparative Hepatology, 2004, 3, S57.	0.9	8

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55	Expression of leukemia inhibitory factor (LIF) and its receptor gp190 in human liver and in cultured human liver myofibroblasts. Cloning of new isoforms of LIF mRNA. Comparative Hepatology, 2004, 3, 10.	0.9	11
56	Innervation of the sinusoidal wall: Regulation of the sinusoidal diameter. The Anatomical Record, 2004, 280A, 868-873.	1.8	51
57	Expression and activity of the cytolethal distending toxin of Helicobacter hepaticus. Biochemical and Biophysical Research Communications, 2004, 318, 739-745.	2.1	47
58	Cellular retinol-binding protein-1 expression in normal and fibrotic/cirrhotic human liver: different patterns of expression in hepatic stellate cells and (myo)fibroblast subpopulations. Journal of Hepatology, 2004, 40, 774-780.	3.7	52
59	Thrombin Up-regulates Tissue Factor Pathway Inhibitor-2 Synthesis through a Cyclooxygenase-2-dependent, Epidermal Growth Factor Receptor-independent Mechanism. Journal of Biological Chemistry, 2004, 279, 5200-5206.	3.4	32
60	Role of apoptosis in the remodeling of cholestatic liver injury following release of the mechanical stress. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2003, 442, 372-380.	2.8	23
61	Restricted expression of membrane type 1-matrix metalloproteinase by myofibroblasts adjacent to human breast cancer cells. International Journal of Cancer, 2003, 105, 7-13.	5.1	61
62	Hepatitis C virus proteins do not directly trigger fibrogenic events in cultured human liver myofibroblasts. Journal of Viral Hepatitis, 2003, 10, 427-432.	2.0	4
63	Effects of bile acids on biliary epithelial cells: Proliferation, cytotoxicity, and cytokine secretion. Life Sciences, 2003, 72, 1401-1411.	4.3	80
64	Distribution of [14C]-trans-resveratrol, a cancer chemopreventive polyphenol, in mouse tissues after oral administration. Life Sciences, 2003, 72, 2219-2233.	4.3	231
65	Hepatocarcinoma cell lines down-regulate matrix metalloproteinase-2 expression in human hepatic myofibroblasts. International Journal of Oncology, 2002, 20, 1129.	3.3	1
66	Abnormal Hepatic Expression of Fibrillin-1 in Children With Cholestasis. American Journal of Surgical Pathology, 2002, 26, 637-646.	3.7	18
67	PAV-1, a new rat hepatic stellate cell line converts retinol into retinoic acid, a process altered by ethanol. International Journal of Biochemistry and Cell Biology, 2002, 34, 1017-1029.	2.8	36
68	cDNA Cloning and Tissue Distribution of the Rat Ortholog of Tissue Factor Pathway Inhibitor-2. Thrombosis and Haemostasis, 2002, 88, 356-357.	3.4	4
69	Involvement of matrix metalloproteinase typeâ€³ in hepatocyte growth factorâ€³induced invasion of human hepatocellular carcinoma cells. International Journal of Cancer, 2002, 97, 157-162.	5.1	70
70	Cellular Retinol-Binding Protein-1 Expression and Modulation during In Vivo and In Vitro Myofibroblastic Differentiation of Rat Hepatic Stellate Cells and Portal Fibroblasts. Laboratory Investigation, 2002, 82, 619-628.	3.7	104
71	Inhibition of rat liver fibrogenesis through noradrenergic antagonism. Hepatology, 2002, 35, 325-331.	7.3	75
72	Trans-Resveratrol and the Liver: Deactivation of Liver Myofibroblasts and Inhibition of Tumor Cell Invasion. , 2001, , 81-97.		0

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73	Expression of hepatocyte growth factor in human hepatocellular carcinoma. Journal of Hepatology, 2001, 34, 78-83.	3.7	33
74	Expression and cellular localization of fibrillin-1 in normal and pathological human liver. Journal of Hepatology, 2001, 34, 514-522.	3.7	71
75	Trans-resveratrol, a grapevine-derived polyphenol, blocks hepatocyte growth factor-induced invasion of hepatocellular carcinoma cells. International Journal of Oncology, 2001, 19, 83.	3.3	8
76	Immunohistochemical Detection of HCV in Cirrhosis, Dysplastic Nodules, and Hepatocellular Carcinomas with Parallel-Tissue Quantitative RT-PCR. Modern Pathology, 2001, 14, 496-505.	5.5	19
77	Expression and cellular localization of the urokinase-type plasminogen activator and its receptor in human hepatocellular carcinoma. , 2000, 190, 190-195.		51
78	Deactivation of cultured human liver myofibroblasts by Trans-resveratrol, a grapevine-derived polyphenol. Hepatology, 2000, 31, 922-931.	7.3	101
79	Paradoxical Pro-invasive Effect of the Serine Proteinase Inhibitor Tissue Factor Pathway Inhibitor-2 on Human Hepatocellular Carcinoma Cells. Journal of Biological Chemistry, 2000, 275, 35565-35569.	3.4	45
80	Osteonectin/SPARC is overexpressed in human hepatocellular carcinoma. , 1999, 189, 46-52.		86
81	Myofibroblasts are responsible for collagen synthesis in the stroma of human hepatocellular carcinoma: an in vivo and in vitro study. Journal of Hepatology, 1999, 30, 275-284.	3.7	107
82	Direct evidence that hepatocyte growth factor-induced invasion of hepatocellular carcinoma cells is mediated by urokinase. Journal of Hepatology, 1999, 30, 511-518.	3.7	64
83	Expression of collagens type I and IV, osteonectin and transforming growth factor beta-1 (TGF β 1) in biliary atresia and paucity of intrahepatic bile ducts during infancy. Journal of Hepatology, 1999, 31, 248-255.	3.7	48
84	Osteonectin/SPARC is overexpressed in human hepatocellular carcinoma. Journal of Pathology, 1999, 189, 46-52.	4.5	5
85	Antifibrotic and hemodynamic effects of the early and chronic administration of octreotide in two models of liver fibrosis in rats. Hepatology, 1998, 28, 1525-1531.	7.3	51
86	Effects of long-term administration of interferon α in two models of liver fibrosis in rats. Journal of Hepatology, 1998, 29, 263-270.	3.7	59
87	Liver Myofibroblasts: Physiology, Role in Liver Fibrosis and Liver Cancer, and Pharmacological Modulation. Pharmaceutical Biology, 1998, 36, 69-74.	2.9	2
88	Pentoxifylline inhibits growth and collagen synthesis of cultured human hepatic myofibroblast-like cells. Hepatology, 1997, 26, 315-322.	7.3	70
89	Tumor-dependent activation of rodent hepatic stellate cells during experimental melanoma metastasis. Hepatology, 1997, 26, 634-642.	7.3	131
90	Extracellular matrix composition and integrin expression in early hepatocarcinogenesis in human cirrhotic liver. , 1997, 181, 330-337.		31

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91	Extracellular matrix composition and integrin expression in early hepatocarcinogenesis in human cirrhotic liver. <i>Journal of Pathology</i> , 1997, 181, 330-337.	4.5	1
92	Heparan sulfate proteoglycan expression in chronic cholestatic human liver diseases. <i>Hepatology</i> , 1996, 24, 524-532.	7.3	22
93	Interferon alfa and gamma inhibit proliferation and collagen synthesis of human ito cells in culture. <i>Hepatology</i> , 1995, 21, 1003-1010.	7.3	183
94	Human myofibroblastlike cells obtained by outgrowth are representative of the fibrogenic cells in the liver. <i>Hepatology</i> , 1995, 22, 788-797.	7.3	54
95	Fibroblast growth factor 2 and transforming growth factor β 1 interactions in human liver myofibroblasts. <i>Gastroenterology</i> , 1995, 109, 1986-1996.	1.3	69
96	Growth inhibitory properties of endothelin-1 in human hepatic myofibroblastic Ito cells. An endothelin B receptor-mediated pathway.. <i>Journal of Clinical Investigation</i> , 1995, 96, 42-49.	8.2	102
97	Effect of simvastatin, an inhibitor of hydroxy-methylglutaryl coenzyme a reductase, on the growth of human ito cells. <i>Hepatology</i> , 1994, 20, 1589-1594.	7.3	32
98	Mitogenic effect of transforming growth factor- β 1 on human ito cells in culture: Evidence for mediation by endogenous platelet-derived growth factor. <i>Hepatology</i> , 1993, 18, 137-145.	7.3	111
99	Immunolocalization of heparinbinding growth factors (HBGF) types 1 and 2 in rat liver. Selective hyperexpression of HBGF-2 in carbon tetrachloride-induced fibrosis. <i>Journal of Pathology</i> , 1993, 169, 471-476.	4.5	29
100	Decreased toxicity of polymorphonuclear neutrophils toward hepatocytes isolated from rats with acute inflammatory reaction. <i>Hepatology</i> , 1990, 12, 1337-1341.	7.3	3
101	Regulation of Collagen Production by Medial Smooth Muscle Cells in Hypoxic Pulmonary Hypertension. <i>The American Review of Respiratory Disease</i> , 1989, 140, 1045-1051.	2.9	37
102	Mouse hepatic endothelial cells in culture secrete a growth inhibitor for hepatic lipocytes and Balb/c 3T3 fibroblasts. <i>Journal of Hepatology</i> , 1989, 9, 295-300.	3.7	14
103	Demonstration of a basic fibroblast growth factor-like molecule in mouse hepatic endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1989, 164, 1099-1104.	2.1	9
104	Toxicity of polymorphonuclear neutrophils against hepatocytes: protective effect of heparin. <i>Biochemical Pharmacology</i> , 1989, 38, 1865-1867.	4.4	5
105	In vitro toxicity of hydrogen peroxide against normal vs. tumor rat hepatocytes: Role of catalase and of the glutathione redox cycle. <i>Hepatology</i> , 1988, 8, 1673-1678.	7.3	17
106	Plasma von Willebrand factor in connective tissue disease.. <i>Annals of the Rheumatic Diseases</i> , 1987, 46, 491-492.	0.9	15
107	Pharmacokinetics of erythromycin in patients with severe cirrhosis. Respective influence of decreased serum binding and impaired liver metabolic capacity.. <i>British Journal of Clinical Pharmacology</i> , 1987, 23, 753-757.	2.4	48
108	Decreased alpha 1-acid glycoprotein in liver cirrhosis: consequences for drug protein binding [letter]. <i>British Journal of Clinical Pharmacology</i> , 1984, 18, 652-653.	2.4	25

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109	Aortic endothelial cells in culture secrete glycoproteins reacting with blood platelets. Biochemical and Biophysical Research Communications, 1984, 123, 114-120.	2.1	6