

Ralf Weiskirchen

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376
papers

13,404
citations

62
h-index

100
g-index

541
ext. papers

16,013
ext. citations

5.7
avg, IF

6.94
L-index

#	Paper	IF	Citations
376	Modern pathogenetic concepts of liver fibrosis suggest stellate cells and TGF-beta as major players and therapeutic targets. <i>Journal of Cellular and Molecular Medicine</i> , 2006 , 10, 76-99	5.6	593
375	Hepatic recruitment of the inflammatory Gr1+ monocyte subset upon liver injury promotes hepatic fibrosis. <i>Hepatology</i> , 2009 , 50, 261-74	11.2	536
374	Roles of TGF-beta in hepatic fibrosis. <i>Frontiers in Bioscience - Landmark</i> , 2002 , 7, d793-807	2.8	498
373	Ito cells are liver-resident antigen-presenting cells for activating T cell responses. <i>Immunity</i> , 2007 , 26, 117-29	32.3	318
372	Functional contribution of elevated circulating and hepatic non-classical CD14CD16 monocytes to inflammation and human liver fibrosis. <i>PLoS ONE</i> , 2010 , 5, e11049	3.7	228
371	Therapeutic inhibition of inflammatory monocyte recruitment reduces steatohepatitis and liver fibrosis. <i>Hepatology</i> , 2018 , 67, 1270-1283	11.2	225
370	Experimental liver fibrosis research: update on animal models, legal issues and translational aspects. <i>Fibrogenesis and Tissue Repair</i> , 2013 , 6, 19		215
369	Complement factor 5 is a quantitative trait gene that modifies liver fibrogenesis in mice and humans. <i>Nature Genetics</i> , 2005 , 37, 835-43	36.3	214
368	Organ and tissue fibrosis: Molecular signals, cellular mechanisms and translational implications. <i>Molecular Aspects of Medicine</i> , 2019 , 65, 2-15	16.7	196
367	TAK1 suppresses a NEMO-dependent but NF-kappaB-independent pathway to liver cancer. <i>Cancer Cell</i> , 2010 , 17, 481-96	24.3	186
366	Antagonism of the chemokine Ccl5 ameliorates experimental liver fibrosis in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 4129-40	15.9	168
365	Biomarkers of liver fibrosis: clinical translation of molecular pathogenesis or based on liver-dependent malfunction tests. <i>Clinica Chimica Acta</i> , 2007 , 381, 107-13	6.2	151
364	Pro-fibrogenic potential of PDGF-D in liver fibrosis. <i>Journal of Hepatology</i> , 2007 , 46, 1064-74	13.4	145
363	Resveratrol: How Much Wine Do You Have to Drink to Stay Healthy?. <i>Advances in Nutrition</i> , 2016 , 7, 706-18		141
362	The carbon tetrachloride model in mice. <i>Laboratory Animals</i> , 2015 , 49, 4-11	2.6	134
361	Bile duct ligation in mice: induction of inflammatory liver injury and fibrosis by obstructive cholestasis. <i>Journal of Visualized Experiments</i> , 2015 ,	1.6	133
360	Update on hepatic stellate cells: pathogenic role in liver fibrosis and novel isolation techniques. <i>Expert Review of Gastroenterology and Hepatology</i> , 2012 , 6, 67-80	4.2	132

359	The concanavalin A model of acute hepatitis in mice. <i>Laboratory Animals</i> , 2015 , 49, 12-20	2.6	126
358	Differential effects of TGF-beta on connective tissue growth factor (CTGF/CCN2) expression in hepatic stellate cells and hepatocytes. <i>Journal of Hepatology</i> , 2007 , 47, 699-710	13.4	125
357	Diethylnitrosamine (DEN)-induced carcinogenic liver injury in mice. <i>Laboratory Animals</i> , 2015 , 49, 59-69	2.6	124
356	Antifibrotic effects of CXCL9 and its receptor CXCR3 in livers of mice and humans. <i>Gastroenterology</i> , 2009 , 137, 309-19, 319.e1-3	13.3	124
355	Up-regulated expression of the receptor for advanced glycation end products in cultured rat hepatic stellate cells during transdifferentiation to myofibroblasts. <i>Hepatology</i> , 2001 , 34, 943-52	11.2	123
354	Inhibition of hepatic fibrogenesis by matrix metalloproteinase-9 mutants in mice. <i>FASEB Journal</i> , 2006 , 20, 444-54	0.9	122
353	Dominant-negative soluble PDGF-beta receptor inhibits hepatic stellate cell activation and attenuates liver fibrosis. <i>Laboratory Investigation</i> , 2004 , 84, 766-77	5.9	122
352	Activation of hepatic stellate cells is associated with cytokine expression in thioacetamide-induced hepatic fibrosis in mice. <i>Laboratory Investigation</i> , 2008 , 88, 1192-203	5.9	115
351	CXC chemokine ligand 4 (Cxcl4) is a platelet-derived mediator of experimental liver fibrosis. <i>Hepatology</i> , 2010 , 51, 1345-53	11.2	114
350	Liver Fibrosis: From Pathogenesis to Novel Therapies. <i>Digestive Diseases</i> , 2016 , 34, 410-22	3.2	102
349	Isolation and culture of hepatic stellate cells. <i>Methods in Molecular Medicine</i> , 2005 , 117, 99-113		101
348	miR-133a mediates TGF- β -dependent derepression of collagen synthesis in hepatic stellate cells during liver fibrosis. <i>Journal of Hepatology</i> , 2013 , 58, 736-42	13.4	100
347	The cysteine-rich protein family of highly related LIM domain proteins. <i>Journal of Biological Chemistry</i> , 1995 , 270, 28946-54	5.4	100
346	NLRP3 inflammasome expression is driven by NF- κ B in cultured hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 458, 700-706	3.4	99
345	Pharmacological application of caffeine inhibits TGF-beta-stimulated connective tissue growth factor expression in hepatocytes via PPARgamma and SMAD2/3-dependent pathways. <i>Journal of Hepatology</i> , 2008 , 49, 758-67	13.4	99
344	Evolving concepts of liver fibrogenesis provide new diagnostic and therapeutic options. <i>Comparative Hepatology</i> , 2007 , 6, 7		99
343	Cellular and molecular functions of hepatic stellate cells in inflammatory responses and liver immunology. <i>Hepatobiliary Surgery and Nutrition</i> , 2014 , 3, 344-63	2.1	99
342	Standard operating procedures in experimental liver research: thioacetamide model in mice and rats. <i>Laboratory Animals</i> , 2015 , 49, 21-9	2.6	94

341	Fructose: A Dietary Sugar in Crosstalk with Microbiota Contributing to the Development and Progression of Non-Alcoholic Liver Disease. <i>Frontiers in Immunology</i> , 2017 , 8, 1159	8.4	93
340	Chemokine Cxcl9 attenuates liver fibrosis-associated angiogenesis in mice. <i>Hepatology</i> , 2012 , 55, 1610-9	11.2	91
339	Induction of lipocalin-2 expression in acute and chronic experimental liver injury moderated by pro-inflammatory cytokines interleukin-1 through nuclear factor- κ B activation. <i>Liver International</i> , 2011 , 31, 656-65	7.9	90
338	Disturbed zinc homeostasis in diabetic patients by in vitro and in vivo analysis of insulinomimetic activity of zinc. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 1458-66	6.3	89
337	Expression analysis of inflammasomes in experimental models of inflammatory and fibrotic liver disease. <i>Journal of Inflammation</i> , 2012 , 9, 49	6.7	86
336	Protective effects of lipocalin-2 (LCN2) in acute liver injury suggest a novel function in liver homeostasis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013 , 1832, 660-73	6.9	85
335	Endoglin differentially modulates antagonistic transforming growth factor-beta1 and BMP-7 signaling. <i>Journal of Biological Chemistry</i> , 2007 , 282, 13934-43	5.4	84
334	The CRP/MLP/TLP family of LIM domain proteins: acting by connecting. <i>BioEssays</i> , 2003 , 25, 152-62	4.1	84
333	The PDGF system and its antagonists in liver fibrosis. <i>Cytokine and Growth Factor Reviews</i> , 2016 , 28, 53-61	7.9	83
332	Platelet-derived growth factor isoform expression in carbon tetrachloride-induced chronic liver injury. <i>Laboratory Investigation</i> , 2008 , 88, 1090-100	5.9	81
331	Antisense strategy against PDGF B-chain proves effective in preventing experimental liver fibrogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 321, 413-23	3.4	78
330	Fetuin-B, a liver-derived plasma protein is essential for fertilization. <i>Developmental Cell</i> , 2013 , 25, 106-12	10.2	76
329	Biomarkers of hepatic fibrosis, fibrogenesis and genetic pre-disposition pending between fiction and reality. <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 11, 1031-51	5.6	75
328	Transforming growth factor-beta1 gene polymorphisms are associated with progression of liver fibrosis in Caucasians with chronic hepatitis C infection. <i>World Journal of Gastroenterology</i> , 2005 , 11, 1929-36	5.6	75
327	Immortal hepatic stellate cell lines: useful tools to study hepatic stellate cell biology and function?. <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 11, 704-22	5.6	74
326	Single Cell RNA Sequencing Identifies Subsets of Hepatic Stellate Cells and Myofibroblasts in Liver Fibrosis. <i>Cells</i> , 2019 , 8,	7.9	71
325	Systemic antigen cross-presented by liver sinusoidal endothelial cells induces liver-specific CD8 T-cell retention and tolerization. <i>Hepatology</i> , 2009 , 49, 1664-72	11.2	70
324	A functional variation in CHI3L1 is associated with severity of liver fibrosis and YKL-40 serum levels in chronic hepatitis C infection. <i>Journal of Hepatology</i> , 2009 , 50, 370-6	13.4	69

323	The anti-fibrotic effects of CCN1/CYR61 in primary portal myofibroblasts are mediated through induction of reactive oxygen species resulting in cellular senescence, apoptosis and attenuated TGF-β signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 902-14	4.9	68
322	Pharmacological Intervention in Hepatic Stellate Cell Activation and Hepatic Fibrosis. <i>Frontiers in Pharmacology</i> , 2016 , 7, 33	5.6	68
321	Transforming growth factor-beta gene polymorphisms in sarcoidosis patients with and without fibrosis. <i>Chest</i> , 2006 , 129, 1584-91	5.3	67
320	Therapeutic Targeting of Hepatic Macrophages for the Treatment of Liver Diseases. <i>Frontiers in Immunology</i> , 2019 , 10, 2852	8.4	67
319	Role of nanotechnology behind the success of mRNA vaccines for COVID-19. <i>Nano Today</i> , 2021 , 38, 1011429	4.9	65
318	Current Status in Testing for Nonalcoholic Fatty Liver Disease (NAFLD) and Nonalcoholic Steatohepatitis (NASH). <i>Cells</i> , 2019 , 8,	7.9	64
317	BMP-7 as antagonist of organ fibrosis. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 4992-5012	2.8	64
316	Adenoviral expression of a transforming growth factor-beta1 antisense mRNA is effective in preventing liver fibrosis in bile-duct ligated rats. <i>BMC Gastroenterology</i> , 2003 , 3, 29	3	64
315	Lipopolysaccharide-induced inflammatory liver injury in mice. <i>Laboratory Animals</i> , 2015 , 49, 37-46	2.6	63
314	SLC39A14 deficiency alters manganese homeostasis and excretion resulting in brain manganese accumulation and motor deficits in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E1769-E1778	11.5	62
313	Lipocalin 2 (LCN2) Expression in Hepatic Malfunction and Therapy. <i>Frontiers in Physiology</i> , 2016 , 7, 430	4.6	60
312	Performance of the two new fully automated anti-Müllerian hormone immunoassays compared with the clinical standard assay. <i>Human Reproduction</i> , 2015 , 30, 1918-26	5.7	59
311	The fractalkine receptor CX3CR1 is involved in liver fibrosis due to chronic hepatitis C infection. <i>Journal of Hepatology</i> , 2008 , 48, 208-15	13.4	58
310	Serum proteomic profiling in patients with bladder cancer. <i>European Urology</i> , 2009 , 56, 989-96	10.2	56
309	Changing the pathogenetic roadmap of liver fibrosis? Where did it start; where will it go?. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2008 , 23, 1024-35	4	55
308	Recent advances in understanding liver fibrosis: bridging basic science and individualized treatment concepts. <i>F1000Research</i> , 2018 , 7,	3.6	55
307	A novel function for Myc: inhibition of C/EBP-dependent gene activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 6635-40	11.5	53
306	Aberrant cell cycle progression and endoreplication in regenerating livers of mice that lack a single E-type cyclin. <i>Gastroenterology</i> , 2009 , 137, 691-703, 703.e1-6	13.3	50

305	LIM-domain protein cysteine- and glycine-rich protein 2 (CRP2) is a novel marker of hepatic stellate cells and binding partner of the protein inhibitor of activated STAT1. <i>Biochemical Journal</i> , 2001 , 359, 485-496	3.8	50
304	Expression and functional analysis of endoglin in isolated liver cells and its involvement in fibrogenic Smad signalling. <i>Cellular Signalling</i> , 2011 , 23, 683-99	4.9	49
303	Insulin resistance in liver cirrhosis is not associated with circulating retinol-binding protein 4. <i>Diabetes Care</i> , 2007 , 30, 1168-72	14.6	49
302	N-acetyl-L-cysteine suppresses TGF-beta signaling at distinct molecular steps: the biochemical and biological efficacy of a multifunctional, antifibrotic drug. <i>Biochemical Pharmacology</i> , 2005 , 70, 1026-34	6	49
301	Novel bioimaging techniques of metals by laser ablation inductively coupled plasma mass spectrometry for diagnosis of fibrotic and cirrhotic liver disorders. <i>PLoS ONE</i> , 2013 , 8, e58702	3.7	49
300	Activation of TGF-beta within cultured hepatocytes and in liver injury leads to intracrine signaling with expression of connective tissue growth factor. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 2717-30	5.6	48
299	Primary cultures of glomerular parietal epithelial cells or podocytes with proven origin. <i>PLoS ONE</i> , 2012 , 7, e34907	3.7	47
298	IB kinase control biliary homeostasis and hepatocarcinogenesis in mice by phosphorylating the cell-death mediator receptor-interacting protein kinase 1. <i>Hepatology</i> , 2016 , 64, 1217-31	11.2	45
297	Identification of endoglin in rat hepatic stellate cells: new insights into transforming growth factor beta receptor signaling. <i>Journal of Biological Chemistry</i> , 2005 , 280, 3078-87	5.4	45
296	Hepatoprotective and Anti-fibrotic Agents: It's Time to Take the Next Step. <i>Frontiers in Pharmacology</i> , 2015 , 6, 303	5.6	45
295	An update on the recent advances in antifibrotic therapy. <i>Expert Review of Gastroenterology and Hepatology</i> , 2018 , 12, 1143-1152	4.2	45
294	Platelet-derived growth factor (PDGF)-C neutralization reveals differential roles of PDGF receptors in liver and kidney fibrosis. <i>American Journal of Pathology</i> , 2013 , 182, 107-17	5.8	44
293	BMP-7 counteracting TGF-beta1 activities in organ fibrosis. <i>Frontiers in Bioscience - Landmark</i> , 2013 , 18, 1407-34	2.8	44
292	Relevance of serum leptin and leptin-receptor concentrations in critically ill patients. <i>Mediators of Inflammation</i> , 2010 , 2010,	4.3	44
291	Connective tissue growth factor is a Smad2 regulated amplifier of transforming growth factor beta actions in hepatocytes—but without modulating bone morphogenetic protein 7 signaling. <i>Hepatology</i> , 2009 , 49, 2021-30	11.2	43
290	Proapoptotic effects of the chemokine, CXCL 10 are mediated by the noncognate receptor TLR4 in hepatocytes. <i>Hepatology</i> , 2013 , 57, 797-805	11.2	42
289	Interleukin-27 displays interferon-gamma-like functions in human hepatoma cells and hepatocytes. <i>Hepatology</i> , 2009 , 50, 585-91	11.2	42
288	Cyclin E1 and cyclin-dependent kinase 2 are critical for initiation, but not for progression of hepatocellular carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9282-9287	11.5	41

287	Changes of the hepatic proteome in murine models for toxically induced fibrogenesis and sclerosing cholangitis. <i>Proteomics</i> , 2006 , 6, 6538-48	4.8	41
286	Analysis of antigen-presenting functionality of cultured rat hepatic stellate cells and transdifferentiated myofibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 396, 342-7	3.4	40
285	Immunomodulatory effects of transforming growth factor- β in the liver. <i>Hepatobiliary Surgery and Nutrition</i> , 2014 , 3, 386-406	2.1	40
284	Elevated asymmetric dimethylarginine levels predict short- and long-term mortality risk in critically ill patients. <i>Journal of Critical Care</i> , 2013 , 28, 947-53	4	39
283	Validation of connective tissue growth factor (CTGF/CCN2) and its gene polymorphisms as noninvasive biomarkers for the assessment of liver fibrosis. <i>Journal of Viral Hepatitis</i> , 2009 , 16, 612-20	3.4	39
282	Glucocorticoid-loaded liposomes induce a pro-resolution phenotype in human primary macrophages to support chronic wound healing. <i>Biomaterials</i> , 2018 , 178, 481-495	15.6	38
281	Induction of experimental obstructive cholestasis in mice. <i>Laboratory Animals</i> , 2015 , 49, 70-80	2.6	38
280	The Marburg I variant (G534E) of the factor VII-activating protease determines liver fibrosis in hepatitis C infection by reduced proteolysis of platelet-derived growth factor BB. <i>Hepatology</i> , 2009 , 49, 775-80	11.2	38
279	Disruption of the latent transforming growth factor-beta binding protein-1 gene causes alteration in facial structure and influences TGF-beta bioavailability. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008 , 1783, 34-48	4.9	38
278	Lipocalin-2 (LCN2) regulates PLIN5 expression and intracellular lipid droplet formation in the liver. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014 , 1842, 1513-24	5	36
277	Cyclin E1 controls proliferation of hepatic stellate cells and is essential for liver fibrogenesis in mice. <i>Hepatology</i> , 2012 , 56, 1140-9	11.2	36
276	Solution structure of the carboxyl-terminal LIM domain from quail cysteine-rich protein CRP2. <i>Journal of Biological Chemistry</i> , 1997 , 272, 12001-7	5.4	36
275	Common heterozygous hemochromatosis gene mutations are risk factors for inflammation and fibrosis in chronic hepatitis C. <i>Liver International</i> , 2004 , 24, 285-94	7.9	36
274	Structure of cysteine- and glycine-rich protein CRP2. Backbone dynamics reveal motional freedom and independent spatial orientation of the lim domains. <i>Journal of Biological Chemistry</i> , 1998 , 273, 23233-40	5.4	36
273	Relevance of Autophagy in Parenchymal and Non-Parenchymal Liver Cells for Health and Disease. <i>Cells</i> , 2019 , 8,	7.9	36
272	Clinical relevance and cellular source of elevated soluble urokinase plasminogen activator receptor (suPAR) in acute liver failure. <i>Liver International</i> , 2014 , 34, 1330-9	7.9	35
271	Circulating retinol binding protein 4 in critically ill patients before specific treatment: prognostic impact and correlation with organ function, metabolism and inflammation. <i>Critical Care</i> , 2010 , 14, R179	10.8	35
270	Elastin imaging enables noninvasive staging and treatment monitoring of kidney fibrosis. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	34

269	Proteomic tissue profiling for the improvement of grading of noninvasive papillary urothelial neoplasia. <i>Clinical Biochemistry</i> , 2012 , 45, 7-11	3.5	34
268	Elevated circulating soluble interleukin-2 receptor in patients with chronic liver diseases is associated with non-classical monocytes. <i>BMC Gastroenterology</i> , 2012 , 12, 38	3	34
267	Genetic characteristics of the human hepatic stellate cell line LX-2. <i>PLoS ONE</i> , 2013 , 8, e75692	3.7	34
266	Dual CTLA-4 and PD-L1 Blockade Inhibits Tumor Growth and Liver Metastasis in a Highly Aggressive Orthotopic Mouse Model of Colon Cancer. <i>Neoplasia</i> , 2019 , 21, 932-944	6.4	33
265	Laser ablation inductively coupled plasma mass spectrometry imaging of metals in experimental and clinical Wilson's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 806-14	5.6	33
264	Platelet-derived growth factor-D modulates extracellular matrix homeostasis and remodeling through TIMP-1 induction and attenuation of MMP-2 and MMP-9 gelatinase activities. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 457, 307-13	3.4	33
263	Overexpression of endoglin modulates TGF- β -signalling pathways in a novel immortalized mouse hepatic stellate cell line. <i>PLoS ONE</i> , 2013 , 8, e56116	3.7	33
262	Inhibitory effect of soluble PDGF-beta receptor in culture-activated hepatic stellate cells. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 317, 451-62	3.4	32
261	CCN1/CYR61 overexpression in hepatic stellate cells induces ER stress-related apoptosis. <i>Cellular Signalling</i> , 2016 , 28, 34-42	4.9	31
260	Analysis of the transforming growth factor-beta1 (TGF-beta1) codon 25 gene polymorphism by LightCycler-analysis in patients with chronic hepatitis C infection. <i>Cytokine</i> , 2003 , 24, 173-81	4	31
259	Isolation of Mature (Peritoneum-Derived) Mast Cells and Immature (Bone Marrow-Derived) Mast Cell Precursors from Mice. <i>PLoS ONE</i> , 2016 , 11, e0158104	3.7	31
258	The hop constituent xanthohumol exhibits hepatoprotective effects and inhibits the activation of hepatic stellate cells at different levels. <i>Frontiers in Physiology</i> , 2015 , 6, 140	4.6	30
257	Cloning, structural analysis, and chromosomal localization of the human CSR2 gene encoding the LIM domain protein CRP2. <i>Genomics</i> , 1997 , 44, 83-93	4.3	30
256	Maternal factor V Leiden mutation is associated with HELLP syndrome in Caucasian women. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2008 , 87, 635-42	3.8	30
255	Structure and intramodular dynamics of the amino-terminal LIM domain from quail cysteine- and glycine-rich protein CRP2. <i>Biochemistry</i> , 1998 , 37, 7127-34	3.2	29
254	Lipocalin-2 (NGAL/LCN2), a "help-me" signal in organ inflammation. <i>Hepatology</i> , 2016 , 63, 669-71	11.2	29
253	Isolation and Culture of Primary Murine Hepatic Stellate Cells. <i>Methods in Molecular Biology</i> , 2017 , 1627, 165-191	1.4	28
252	Intracrine signalling of activin A in hepatocytes upregulates connective tissue growth factor (CTGF/CCN2) expression. <i>Liver International</i> , 2008 , 28, 1207-16	7.9	28

251	Transforming growth factor beta 1 gene variants increase transcription and are associated with liver cirrhosis in Chinese. <i>Cytokine</i> , 2008 , 43, 20-5	4	28
250	LIM-domain protein cysteine- and glycine-rich protein 2 (CRP2) is a novel marker of hepatic stellate cells and binding partner of the protein inhibitor of activated STAT1. <i>Biochemical Journal</i> , 2001 , 359, 485-96	3.8	28
249	Comparative evaluation of gene delivery devices in primary cultures of rat hepatic stellate cells and rat myofibroblasts. <i>BMC Cell Biology</i> , 2000 , 1, 4		28
248	Mammalian plasma fetuin-B is a selective inhibitor of ovastacin and meprin metalloproteinases. <i>Scientific Reports</i> , 2019 , 9, 546	4.9	27
247	Human mesenchymal stem cells towards non-alcoholic steatohepatitis in an immunodeficient mouse model. <i>Experimental Cell Research</i> , 2014 , 326, 230-9	4.2	27
246	TNFR1 determines progression of chronic liver injury in the IKK β /Nemo genetic model. <i>Cell Death and Differentiation</i> , 2013 , 20, 1580-92	12.7	27
245	Adenoviral-mediated transfer of p53 or retinoblastoma protein blocks cell proliferation and induces apoptosis in culture-activated hepatic stellate cells. <i>Journal of Hepatology</i> , 2003 , 38, 169-78	13.4	27
244	Reconstruction of laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) spatial distribution images in Microsoft Excel 2007. <i>International Journal of Mass Spectrometry</i> , 2016 , 395, 27-35 ¹⁻⁹		26
243	Simultaneous monitoring of cerebral metal accumulation in an experimental model of Wilson's disease by laser ablation inductively coupled plasma mass spectrometry. <i>BMC Neuroscience</i> , 2014 , 15, 98	3.2	26
242	Lipid-induced up-regulation of human acyl-CoA synthetase 5 promotes hepatocellular apoptosis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010 , 1801, 1025-35	5	26
241	Mouse models of metabolic liver injury. <i>Laboratory Animals</i> , 2015 , 49, 47-58	2.6	25
240	The role of PDGF-D in healthy and fibrotic kidneys. <i>Kidney International</i> , 2016 , 89, 848-61	9.9	25
239	The miR-371~373 Cluster Represses Colon Cancer Initiation and Metastatic Colonization by Inhibiting the TGFBR2/ID1 Signaling Axis. <i>Cancer Research</i> , 2018 , 78, 3793-3808	10.1	25
238	TGF-beta1 does not induce senescence of multipotent mesenchymal stromal cells and has similar effects in early and late passages. <i>PLoS ONE</i> , 2013 , 8, e77656	3.7	25
237	Conditional cell transformation by doxycycline-controlled expression of the MC29 v-myc allele. <i>Virology</i> , 1999 , 253, 193-207	3.6	25
236	Sequence and expression of a glyceraldehyde-3-phosphate dehydrogenase-encoding gene from quail embryo fibroblasts. <i>Gene</i> , 1993 , 128, 269-72	3.8	25
235	Prevention of hepatic stellate cell activation using JQ1- and atorvastatin-loaded chitosan nanoparticles as a promising approach in therapy of liver fibrosis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 134, 96-106	5.7	25
234	Non-equivalence of anti-Müllerian hormone automated assays-clinical implications for use as a companion diagnostic for individualised gonadotrophin dosing. <i>Human Reproduction</i> , 2017 , 32, 1710-1715 ⁷	5.7	24

233	The hepatic microenvironment essentially determines tumor cell dormancy and metastatic outgrowth of pancreatic ductal adenocarcinoma. <i>OncImmunology</i> , 2017 , 7, e1368603	7.2	24
232	TGF- β stimulation in human and murine cells reveals commonly affected biological processes and pathways at transcription level. <i>BMC Systems Biology</i> , 2014 , 8, 55	3.5	24
231	Zinc supplementation augments TGF- β -dependent regulatory T cell induction. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600493	5.9	24
230	A novel, dual role of CCN3 in experimental glomerulonephritis: pro-angiogenic and antimesangioproliferative effects. <i>American Journal of Pathology</i> , 2012 , 180, 1979-90	5.8	24
229	Regulation and prognostic relevance of symmetric dimethylarginine serum concentrations in critical illness and sepsis. <i>Mediators of Inflammation</i> , 2013 , 2013, 413826	4.3	24
228	Adenoviral dominant-negative soluble PDGFR β improves hepatic collagen, systemic hemodynamics, and portal pressure in fibrotic rats. <i>Journal of Hepatology</i> , 2012 , 57, 967-73	13.4	23
227	Cellular Mechanisms of Liver Fibrosis. <i>Frontiers in Pharmacology</i> , 2021 , 12, 671640	5.6	23
226	Interleukin-33 in the pathogenesis of liver fibrosis: alarming ILC2 and hepatic stellate cells. <i>Cellular and Molecular Immunology</i> , 2017 , 14, 143-145	15.4	22
225	The use of marine-derived bioactive compounds as potential hepatoprotective agents. <i>Acta Pharmacologica Sinica</i> , 2015 , 36, 158-70	8	22
224	Factor VII activating protease (FSAP) exerts anti-inflammatory and anti-fibrotic effects in liver fibrosis in mice and men. <i>Journal of Hepatology</i> , 2013 , 58, 104-11	13.4	22
223	Suppression in transformed avian fibroblasts of a gene (CO6) encoding a membrane protein related to mammalian potassium channel regulatory subunits. <i>Oncogene</i> , 1997 , 14, 1109-16	9.2	22
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221	The cysteine- and glycine-rich LIM domain protein CRP2 specifically interacts with a novel human protein (CRP2BP). <i>Biochemical and Biophysical Research Communications</i> , 2000 , 274, 655-63	3.4	22
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