

# Dieter Hussinger

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/11223795/dieter-haussinger-publications-by-year.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

521 papers	42,609 citations	84 h-index	192 g-index
544 ext. papers	47,287 ext. citations	6.8 avg, IF	7.07 L-index

#	Paper	IF	Citations
521	Swelling-induced upregulation of miR-141-3p inhibits hepatocyte proliferation.. <i>JHEP Reports</i> , <b>2022</b> , 4, 100440	10.3	0
520	Hyperammonemia-induced changes in the cerebral transcriptome and proteome.. <i>Analytical Biochemistry</i> , <b>2022</b> , 114548	3.1	0
519	Clinical and microbiological characterization of sepsis and evaluation of sepsis scores. <i>PLoS ONE</i> , <b>2021</b> , 16, e0247646	3.7	1
518	Improved Recovery from Liver Fibrosis by Crenolanib. <i>Cells</i> , <b>2021</b> , 10,	7.9	3
517	Liver cell hydration and integrin signaling. <i>Biological Chemistry</i> , <b>2021</b> , 402, 1033-1045	4.5	0
516	Hepatic stellate cells: current state and open questions. <i>Biological Chemistry</i> , <b>2021</b> , 402, 1021-1032	4.5	3
515	Pathomechanisms in hepatic encephalopathy. <i>Biological Chemistry</i> , <b>2021</b> , 402, 1087-1102	4.5	4
514	The many facets of bile acids in the physiology and pathophysiology of the human liver. <i>Biological Chemistry</i> , <b>2021</b> , 402, 1047-1062	4.5	2
513	Murine leukemia virus resists producer cell APOBEC3A by its Glycosylated Gag but not target cell APOBEC3A. <i>Virology</i> , <b>2021</b> , 557, 1-14	3.6	3
512	Glutamine synthetase as a central element in hepatic glutamine and ammonia metabolism: novel aspects. <i>Biological Chemistry</i> , <b>2021</b> , 402, 1063-1072	4.5	5
511	Efficiently Restored Thrombopoietin Production by Ashwell-Morell Receptor and IL-6R Induced Janus Kinase 2/Signal Transducer and Activator of Transcription Signaling Early After Partial Hepatectomy. <i>Hepatology</i> , <b>2021</b> , 74, 411-427	11.2	2
510	Characterization of the scavenger cell proteome in mouse and rat liver. <i>Biological Chemistry</i> , <b>2021</b> , 402, 1073-1085	4.5	1
509	HIV-2 Vif and foamy virus Bet antagonize APOBEC3B by different mechanisms. <i>Virology</i> , <b>2021</b> , 554, 17-27	3.6	2
508	Delayed skin reaction after mRNA-1273 vaccine against SARS-CoV-2: a rare clinical reaction. <i>European Journal of Medical Research</i> , <b>2021</b> , 26, 98	4.8	5
507	Informed consent and informed intervention: SARS-CoV-2 vaccinations not just call for disclosure of newly emerging safety data but also for hypothesis generation and testing. <i>European Journal of Medical Research</i> , <b>2021</b> , 26, 87	4.8	0
506	Association of HLA genotypes, AB0 blood type and chemokine receptor 5 mutant CD195 with the clinical course of COVID-19. <i>European Journal of Medical Research</i> , <b>2021</b> , 26, 107	4.8	3
505	Downregulation of TGR5 (GPBAR1) in biliary epithelial cells contributes to the pathogenesis of sclerosing cholangitis. <i>Journal of Hepatology</i> , <b>2021</b> , 75, 634-646	13.4	11

504	Altered motor cortical plasticity in patients with hepatic encephalopathy: A paired associative stimulation study. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 2332-2341	4.3	1
503	The role of passive immunization in the age of SARS-CoV-2: an update. <i>European Journal of Medical Research</i> , <b>2020</b> , 25, 16	4.8	16
502	Mechanism of Fully Reversible, pH-Sensitive Inhibition of Human Glutamine Synthetase by Tyrosine Nitration. <i>Journal of Chemical Theory and Computation</i> , <b>2020</b> , 16, 4694-4705	6.4	4
501	Dead Cells Induce Innate Anergy via Mertk after Acute Viral Infection. <i>Cell Reports</i> , <b>2020</b> , 30, 3671-3681.e5.6	5.6	8
500	Impaired integrin $\alpha_5\beta_1$ -mediated hepatocyte growth factor release by stellate cells of the aged liver. <i>Aging Cell</i> , <b>2020</b> , 19, e13131	9.9	9
499	Expression in CD169 Macrophages is Important for Strong Immune Response after Vaccination with VSV-EBOV. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	1
498	NK Cells Regulate CD8 T Cell Mediated Autoimmunity. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 36	5.9	10
497	The history and value of face masks. <i>European Journal of Medical Research</i> , <b>2020</b> , 25, 23	4.8	39
496	Repurposing the serotonin agonist Tegaserod as an anticancer agent in melanoma: molecular mechanisms and clinical implications. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2020</b> , 39, 38	12.8	9
495	TGR5 (GPBAR1) in the Liver <b>2020</b> , 286-298		
494	Bile Acids and TGR5 (Gpbar1) Signaling <b>2020</b> , 81-100		2
493	Oxidative/nitrosative stress and hepatic encephalopathy <b>2020</b> , 669-693		1
492	Incidental F-FDG uptake in the colon: value of contrast-enhanced CT correlation with colonoscopic findings. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 47, 778-786	8.8	4
491	Histamine-induced plasticity and gene expression in corticostriatal pathway under hyperammonemia. <i>CNS Neuroscience and Therapeutics</i> , <b>2020</b> , 26, 355-366	6.8	4
490	Loop 1 of APOBEC3C Regulates its Antiviral Activity against HIV-1. <i>Journal of Molecular Biology</i> , <b>2020</b> , 432, 6200-6227	6.5	7
489	Falciparum malaria-induced secondary hemophagocytic lymphohistiocytosis successfully treated with ruxolitinib. <i>International Journal of Infectious Diseases</i> , <b>2020</b> , 100, 382-385	10.5	1
488	Ten-year follow-up of a randomized controlled clinical trial in chronic hepatitis delta. <i>Journal of Viral Hepatitis</i> , <b>2020</b> , 27, 1359-1368	3.4	14
487	Face masks: benefits and risks during the COVID-19 crisis. <i>European Journal of Medical Research</i> , <b>2020</b> , 25, 32	4.8	67

486	Reply to Letter to the Editor: "The added benefit of contrast-enhanced CT in the evaluation of incidental FDG-avid colon lesions". <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 47, 2245-2246	8.8	
485	Measures of infection prevention and incidence of SARS-CoV-2 infections in cancer patients undergoing radiotherapy in Germany, Austria and Switzerland. <i>Strahlentherapie Und Onkologie</i> , <b>2020</b> , 196, 1068-1079	4.3	4
484	Arenavirus Induced CCL5 Expression Causes NK Cell-Mediated Melanoma Regression. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1849	8.4	7
483	Cell Type-Dependent Escape of Capsid Inhibitors by Simian Immunodeficiency Virus SIVcpz. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	2
482	Fragile X mental retardation protein protects against tumour necrosis factor-mediated cell death and liver injury. <i>Gut</i> , <b>2020</b> , 69, 133-145	19.2	6
481	Evidence for functional selectivity in TUDC- and norUDCA-induced signal transduction via $\alpha$ integrin towards choleresis. <i>Scientific Reports</i> , <b>2020</b> , 10, 5795	4.9	4
480	Preclinical Development of U3-1784, a Novel FGFR4 Antibody Against Cancer, and Avoidance of Its On-target Toxicity. <i>Molecular Cancer Therapeutics</i> , <b>2019</b> , 18, 1832-1843	6.1	8
479	Inhibiting Glutamine-Dependent mTORC1 Activation Ameliorates Liver Cancers Driven by $\beta$ -Catenin Mutations. <i>Cell Metabolism</i> , <b>2019</b> , 29, 1135-1150.e6	24.6	55
478	Targeting FXR in Cholestasis. <i>Handbook of Experimental Pharmacology</i> , <b>2019</b> , 256, 299-324	3.2	34
477	NK cell-intrinsic Fc $\gamma$ RIII limits CD8 <sup>+</sup> T-cell expansion and thereby turns an acute into a chronic viral infection. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007797	7.6	16
476	Tauroursodeoxycholate protects from glycochenodeoxycholate-induced gene expression changes in perfused rat liver. <i>Biological Chemistry</i> , <b>2019</b> , 400, 1551-1565	4.5	1
475	IL-6 Trans-signaling Controls Liver Regeneration After Partial Hepatectomy. <i>Hepatology</i> , <b>2019</b> , 70, 2075-2091	20.1	43
474	Chemical exchange saturation transfer imaging in hepatic encephalopathy. <i>NeuroImage: Clinical</i> , <b>2019</b> , 22, 101743	5.3	2
473	Reply. <i>Hepatology</i> , <b>2019</b> , 70, 1074-1075	11.2	
472	Taurine transporter (TauT) deficiency impairs ammonia detoxification in mouse liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 6313-6318	11.5	12
471	Cerebellar inhibition in hepatic encephalopathy. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 886-892	4.3	10
470	GABA-ergic tone hypothesis in hepatic encephalopathy - Revisited. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 911-916	4.3	7
469	Biallelic mutation of human encoding the taurine transporter TAUT is linked to early retinal degeneration. <i>FASEB Journal</i> , <b>2019</b> , 33, 11507-11527	0.9	17

468	Space of Disse: a stem cell niche in the liver. <i>Biological Chemistry</i> , <b>2019</b> , 401, 81-95	4.5	13
467	Bile Acid-Activated Receptors: GPBAR1 (TGR5) and Other G Protein-Coupled Receptors. <i>Handbook of Experimental Pharmacology</i> , <b>2019</b> , 256, 19-49	3.2	44
466	Cooperative and distinct functions of MK2 and MK3 in the regulation of the macrophage transcriptional response to lipopolysaccharide. <i>Scientific Reports</i> , <b>2019</b> , 9, 11021	4.9	4
465	O-GlcNAcylation-dependent upregulation of HO1 triggers ammonia-induced oxidative stress and senescence in hepatic encephalopathy. <i>Journal of Hepatology</i> , <b>2019</b> , 71, 930-941	13.4	19
464	iRhom2 inhibits bile duct obstruction-induced liver fibrosis. <i>Science Signaling</i> , <b>2019</b> , 12,	8.8	13
463	Hepatic encephalopathy is linked to alterations of autophagic flux in astrocytes. <i>EBioMedicine</i> , <b>2019</b> , 48, 539-553	8.8	12
462	Progranulin prevents regulatory NK cell cytotoxicity against antiviral T cells. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	4
461	Regulation of Plasma Membrane Localization of the Na <sup>+</sup> -Taurocholate Co-Transporting Polypeptide by Glycochenodeoxycholate and Tauroursodeoxycholate. <i>Cellular Physiology and Biochemistry</i> , <b>2019</b> , 52, 1427-1445	3.9	5
460	ISG15 Deficiency Enhances HIV-1 Infection by Accumulating Misfolded p53. <i>MBio</i> , <b>2019</b> , 10,	7.8	8
459	The G Protein-Coupled Bile Acid Receptor TGR5 (Gpbar1) Modulates Endothelin-1 Signaling in Liver. <i>Cells</i> , <b>2019</b> , 8,	7.9	23
458	Comment on Hakvoort et al. <i>Hepatology</i> , <b>2019</b> , 69, 921-922	11.2	1
457	Identification of a Conserved Interface of Human Immunodeficiency Virus Type 1 and Feline Immunodeficiency Virus Vifs with Cullin 5. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	7
456	Reprogramming of pro-inflammatory human macrophages to an anti-inflammatory phenotype by bile acids. <i>Scientific Reports</i> , <b>2018</b> , 8, 255	4.9	35
455	IL-2 Inducible Kinase ITK is Critical for HIV-1 Infection of Jurkat T-cells. <i>Scientific Reports</i> , <b>2018</b> , 8, 3217	4.9	5
454	HCV modifies EGF signalling and upregulates production of CXCR2 ligands: Role in inflammation and antiviral immune response. <i>Journal of Hepatology</i> , <b>2018</b> , 69, 594-602	13.4	7
453	Bile acid receptors in the biliary tree: TGR5 in physiology and disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2018</b> , 1864, 1319-1325	6.9	63
452	Detection of APOBEC3 Proteins and Catalytic Activity in Urothelial Carcinoma. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1655, 97-107	1.4	3
451	Equine MX2 is a restriction factor of equine infectious anemia virus (EIAV). <i>Virology</i> , <b>2018</b> , 523, 52-63	3.6	9

450	MXB inhibits murine cytomegalovirus. <i>Virology</i> , <b>2018</b> , 522, 158-167	3.6	17
449	USP18 (UBP43) Abrogates p21-Mediated Inhibition of HIV-1. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	16
448	Ammonia-weighted imaging by chemical exchange saturation transfer MRI at 3T. <i>NMR in Biomedicine</i> , <b>2018</b> , 31, e3947	4.4	4
447	Laminin-521 promotes quiescence in isolated stellate cells from rat liver. <i>Biomaterials</i> , <b>2018</b> , 180, 36-51	15.6	11
446	Feline APOBEC3s, Barriers to Cross-Species Transmission of FIV?. <i>Viruses</i> , <b>2018</b> , 10,	6.2	5
445	Connecting occipital alpha band peak frequency, visual temporal resolution, and occipital GABA levels in healthy participants and hepatic encephalopathy patients. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 347-356	5.3	9
444	Cholestasis induced liver pathology results in dysfunctional immune responses after arenavirus infection. <i>Scientific Reports</i> , <b>2018</b> , 8, 12179	4.9	4
443	Outbreak of Louse-Borne Relapsing Fever among Urban Dwellers in Arsi Zone, Central Ethiopia, from July to November 2016. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2018</b> , 98, 1599-1602	3.2	5
442	Tumor Necrosis Factor-Mediated Survival of CD169 Cells Promotes Immune Activation during Vesicular Stomatitis Virus Infection. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	9
441	Prevalence and impact of sexually transmitted infections in pregnant women in central Ethiopia. <i>International Journal of STD and AIDS</i> , <b>2018</b> , 29, 251-258	1.4	24
440	Impaired Tactile Temporal Discrimination in Patients With Hepatic Encephalopathy. <i>Frontiers in Psychology</i> , <b>2018</b> , 9, 2059	3.4	2
439	Transplanted Human Pluripotent Stem Cell-Derived Mesenchymal Stem Cells Support Liver Regeneration in Gunn Rats. <i>Stem Cells and Development</i> , <b>2018</b> , 27, 1702-1714	4.4	18
438	Mechanosensing by $\alpha$ integrin induces angiocrine signals for liver growth and survival. <i>Nature</i> , <b>2018</b> , 562, 128-132	50.4	71
437	Role of TGR5 (GPBAR1) in Liver Disease. <i>Seminars in Liver Disease</i> , <b>2018</b> , 38, 333-339	7.3	33
436	APOBEC3B Activity Is Prevalent in Urothelial Carcinoma Cells and Only Slightly Affected by LINE-1 Expression. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2088	5.7	10
435	Hepatic Encephalopathy and Astrocyte Senescence. <i>Journal of Clinical and Experimental Hepatology</i> , <b>2018</b> , 8, 294-300	4.1	25
434	Anti-inflammatory consequences of bile acid accumulation in virus-infected bile duct ligated mice. <i>PLoS ONE</i> , <b>2018</b> , 13, e0199863	3.7	6
433	Allogeneic haematopoietic stem cell transplantation eliminates alloreactive inhibitory antibodies after liver transplantation for bile salt export pump deficiency. <i>Journal of Hepatology</i> , <b>2018</b> , 69, 961-965	13.4	11

432	Screening for non-alcoholic fatty liver disease in children and adolescents with type 1 diabetes mellitus: a cross-sectional analysis. <i>European Journal of Pediatrics</i> , <b>2017</b> , 176, 529-536	4.1	15
431	IL-1β-induced and p38-dependent activation of the mitogen-activated protein kinase-activated protein kinase 2 (MK2) in hepatocytes: Signal transduction with robust and concentration-independent signal amplification. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 6291-6302	5.4	9
430	Mechanisms of Tauroursodeoxycholate-Mediated Hepatoprotection. <i>Digestive Diseases</i> , <b>2017</b> , 35, 224-231	12	10
429	Spatiotemporally restricted arenavirus replication induces immune surveillance and type I interferon-dependent tumour regression. <i>Nature Communications</i> , <b>2017</b> , 8, 14447	17.4	12
428	Role of the G Protein-Coupled Bile Acid Receptor TGR5 in Liver Damage. <i>Digestive Diseases</i> , <b>2017</b> , 35, 235-240	3.2	30
427	Enhancing the Catalytic Deamination Activity of APOBEC3C Is Insufficient to Inhibit Vif-Deficient HIV-1. <i>Journal of Molecular Biology</i> , <b>2017</b> , 429, 1171-1191	6.5	9
426	Implementation of the WHO multimodal Hand Hygiene Improvement Strategy in a University Hospital in Central Ethiopia. <i>Antimicrobial Resistance and Infection Control</i> , <b>2017</b> , 6, 3	6.2	33
425	Multimodal and sequential treatment improves survival in patients with hepatocellular carcinoma. <i>Zeitschrift Fur Gastroenterologie</i> , <b>2017</b> , 55, 251-259	1.6	2
424	Combined Methylome and Transcriptome Analysis During Rat Hepatic Stellate Cell Activation. <i>Stem Cells and Development</i> , <b>2017</b> , 26, 1759-1770	4.4	9
423	Control measures following a case of imported Lassa fever from Togo, North Rhine Westphalia, Germany, 2016. <i>Eurosurveillance</i> , <b>2017</b> , 22,	19.8	16
422	TNFα-induced up-regulation of Na,K,2Cl cotransporter NKCC1 in hepatic ammonia clearance and cerebral ammonia toxicity. <i>Scientific Reports</i> , <b>2017</b> , 7, 7938	4.9	8
421	Sequencing of FIC1, BSEP and MDR3 in a large cohort of patients with cholestasis revealed a high number of different genetic variants. <i>Journal of Hepatology</i> , <b>2017</b> , 67, 1253-1264	13.4	68
420	Defective Platelet Activation and Bleeding Complications upon Cholestasis in Mice. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 2133-2149	3.9	10
419	Lymphocytes Negatively Regulate NK Cell Activity via Qa-1b following Viral Infection. <i>Cell Reports</i> , <b>2017</b> , 21, 2528-2540	10.6	17
418	Detection of a genetic footprint of the sofosbuvir resistance-associated substitution S282T after HCV treatment failure. <i>Virology Journal</i> , <b>2017</b> , 14, 106	6.1	10
417	Ammonia Attenuates LPS-Induced Upregulation of Pro-Inflammatory Cytokine mRNA in Co-Cultured Astrocytes and Microglia. <i>Neurochemical Research</i> , <b>2017</b> , 42, 737-749	4.6	22
416	Farnesoid X Receptor in Mice Prevents Severe Liver Immunopathology During Lymphocytic Choriomeningitis Virus Infection. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 323-338	3.9	10
415	Improvement of a tissue maceration technique for the determination of placental involvement in schistosomiasis. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005551	4.8	2



414	Stably expressed APOBEC3H forms a barrier for cross-species transmission of simian immunodeficiency virus of chimpanzee to humans. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006746	7.6	19
413	Partial external biliary diversion in bile salt export pump deficiency: Association between outcome and mutation. <i>World Journal of Gastroenterology</i> , <b>2017</b> , 23, 5295-5303	5.6	7
412	Impaired novelty acquisition and synaptic plasticity in congenital hyperammonemia caused by hepatic glutamine synthetase deficiency. <i>Scientific Reports</i> , <b>2017</b> , 7, 40190	4.9	10
411	Vif Proteins from Diverse Human Immunodeficiency Virus/Simian Immunodeficiency Virus Lineages Have Distinct Binding Sites in A3C. <i>Journal of Virology</i> , <b>2016</b> , 90, 10193-10208	6.6	11
410	Feline Immunodeficiency Virus Vif N-Terminal Residues Selectively Counteract Feline APOBEC3s. <i>Journal of Virology</i> , <b>2016</b> , 90, 10545-10557	6.6	7
409	Structural assemblies of the di- and oligomeric G-protein coupled receptor TGR5 in live cells: an MFIS-FRET and integrative modelling study. <i>Scientific Reports</i> , <b>2016</b> , 6, 36792	4.9	17
408	Virus-specific antibodies allow viral replication in the marginal zone, thereby promoting CD8(+) T-cell priming and viral control. <i>Scientific Reports</i> , <b>2016</b> , 6, 19191	4.9	10
407	High affinity anti-BSEP antibodies after liver transplantation for PFIC-2 - Successful treatment with immunoadsorption and B-cell depletion. <i>Pediatric Transplantation</i> , <b>2016</b> , 20, 987-993	1.8	5
406	CD169 macrophages regulate PD-L1 expression via type I interferon and thereby prevent severe immunopathology after LCMV infection. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2446	9.8	34
405	Isolation and characterization of vesicular and non-vesicular microRNAs circulating in sera of partially hepatectomized rats. <i>Scientific Reports</i> , <b>2016</b> , 6, 31869	4.9	12
404	Exon-skipping and mRNA decay in human liver tissue: molecular consequences of pathogenic bile salt export pump mutations. <i>Scientific Reports</i> , <b>2016</b> , 6, 24827	4.9	12
403	Two separate mechanisms of enforced viral replication balance innate and adaptive immune activation. <i>Journal of Autoimmunity</i> , <b>2016</b> , 67, 82-89	15.5	9
402	Model-guided identification of a therapeutic strategy to reduce hyperammonemia in liver diseases. <i>Journal of Hepatology</i> , <b>2016</b> , 64, 860-71	13.4	58
401	MAPKAP kinase 2 regulates IL-10 expression and prevents formation of intrahepatic myeloid cell aggregates during cytomegalovirus infections. <i>Journal of Hepatology</i> , <b>2016</b> , 64, 380-389	13.4	14
400	The Role of Embryonic Stem Cell-expressed RAS (ERAS) in the Maintenance of Quiescent Hepatic Stellate Cells. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 8399-413	5.4	18
399	Interferon but not MxB inhibits foamy retroviruses. <i>Virology</i> , <b>2016</b> , 488, 51-60	3.6	19
398	TGR5 is essential for bile acid-dependent cholangiocyte proliferation in vivo and in vitro. <i>Gut</i> , <b>2016</b> , 65, 487-501	19.2	111
397	Model-Based Characterization of Inflammatory Gene Expression Patterns of Activated Macrophages. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1005018	5	19



396	Hepatitis C Virus Activates a Neuregulin-Driven Circuit to Modify Surface Expression of Growth Factor Receptors of the ErbB Family. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148711	3.7	8
395	APOBEC4 Enhances the Replication of HIV-1. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155422	3.7	18
394	Analysis of the Bile Salt Export Pump (ABCB11) Interactome Employing Complementary Approaches. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159778	3.7	11
393	Molecular Mechanisms of Glutamine Synthetase Mutations that Lead to Clinically Relevant Pathologies. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1004693	5	20
392	Bile salt export pump-reactive antibodies form a polyclonal, multi-inhibitory response in antibody-induced bile salt export pump deficiency. <i>Hepatology</i> , <b>2016</b> , 63, 524-37	11.2	34
391	Ammonia-induced miRNA expression changes in cultured rat astrocytes. <i>Scientific Reports</i> , <b>2016</b> , 6, 18493	4.9	26
390	Determinants of FIV and HIV Vif sensitivity of feline APOBEC3 restriction factors. <i>Retrovirology</i> , <b>2016</b> , 13, 46	3.6	17
389	Cooperative role of lymphotoxin $\alpha$ receptor and tumor necrosis factor receptor p55 in murine liver regeneration. <i>Journal of Hepatology</i> , <b>2016</b> , 64, 1108-1117	13.4	7
388	Bile Acid-Induced Suicidal Erythrocyte Death. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 38, 1500-9	3.9	32
387	Bile Acids Act as Soluble Host Restriction Factors Limiting Cytomegalovirus Replication in Hepatocytes. <i>Journal of Virology</i> , <b>2016</b> , 90, 6686-6698	6.6	11
386	Immunoactivation induced by chronic viral infection inhibits viral replication and drives immunosuppression through sustained IFN-I responses. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 372-80	6.1	18
385	Conjugated bilirubin triggers anemia by inducing erythrocyte death. <i>Hepatology</i> , <b>2015</b> , 61, 275-84	11.2	109
384	Ephrin/Ephrin receptor expression in ammonia-treated rat astrocytes and in human cerebral cortex in hepatic encephalopathy. <i>Neurochemical Research</i> , <b>2015</b> , 40, 274-83	4.6	17
383	Bile acids and stellate cells. <i>Digestive Diseases</i> , <b>2015</b> , 33, 332-7	3.2	3
382	Identification of cytokine-induced modulation of microRNA expression and secretion as measured by a novel microRNA specific qPCR assay. <i>Scientific Reports</i> , <b>2015</b> , 5, 11590	4.9	42
381	The Function of Embryonic Stem Cell-expressed RAS (E-RAS), a Unique RAS Family Member, Correlates with Its Additional Motifs and Its Structural Properties. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 15892-15903	5.4	11
380	Severe liver fibrosis caused by <i>Schistosoma mansoni</i> : management and treatment with a transjugular intrahepatic portosystemic shunt. <i>Lancet Infectious Diseases</i> , <b>2015</b> , 15, 731-7	25.5	24
379	Monoterpene (-)-citronellal affects hepatocarcinoma cell signaling via an olfactory receptor. <i>Archives of Biochemistry and Biophysics</i> , <b>2015</b> , 566, 100-9	4.1	64

378	Hyperammonemia in gene-targeted mice lacking functional hepatic glutamine synthetase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 5521-6	11.5	43
377	Mutational mapping of the transmembrane binding site of the G-protein coupled receptor TGR5 and binding mode prediction of TGR5 agonists. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 104, 57-72	6.8	22
376	Deletions in the cytoplasmic domain of iRhom1 and iRhom2 promote shedding of the TNF receptor by the protease ADAM17. <i>Science Signaling</i> , <b>2015</b> , 8, ra109	8.8	38
375	CEACAM1 induces B-cell survival and is essential for protective antiviral antibody production. <i>Nature Communications</i> , <b>2015</b> , 6, 6217	17.4	34
374	Helicobacter pylori Coinfection Is Associated With Decreased Markers of Immune Activation in ART-Naive HIV-Positive and in HIV-Negative Individuals in Ghana. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 61, 1615-23	11.6	10
373	Transient Elastography for the Detection of Liver Damage in Patients with HIV. <i>Infectious Diseases and Therapy</i> , <b>2015</b> , 4, 355-64	6.2	8
372	Juvenile myelomonocytic leukemia displays mutations in components of the RAS pathway and the PRC2 network. <i>Nature Genetics</i> , <b>2015</b> , 47, 1334-40	36.3	111
371	IFN- $\beta$ licenses CD11b(+) cells to induce progression of systemic lupus erythematosus. <i>Journal of Autoimmunity</i> , <b>2015</b> , 62, 11-21	15.5	9
370	Autoimmune BSEP disease: disease recurrence after liver transplantation for progressive familial intrahepatic cholestasis. <i>Clinical Reviews in Allergy and Immunology</i> , <b>2015</b> , 48, 273-84	12.3	41
369	TGR5: pathogenetic role and/or therapeutic target in fibrosing cholangitis?. <i>Clinical Reviews in Allergy and Immunology</i> , <b>2015</b> , 48, 218-25	12.3	34
368	Ammonia-induced senescence in cultured rat astrocytes and in human cerebral cortex in hepatic encephalopathy. <i>Glia</i> , <b>2015</b> , 63, 37-50	9	62
367	Hyperosmotic stress activates the expression of members of the miR-15/107 family and induces downregulation of anti-apoptotic genes in rat liver. <i>Scientific Reports</i> , <b>2015</b> , 5, 12292	4.9	16
366	Transient elastography improves detection of liver cirrhosis compared to routine screening tests. <i>World Journal of Gastroenterology</i> , <b>2015</b> , 21, 953-60	5.6	9
365	Bile acids induce hepatic differentiation of mesenchymal stem cells. <i>Scientific Reports</i> , <b>2015</b> , 5, 13320	4.9	41
364	Multidrug resistance-associated protein 4 expression in ammonia-treated cultured rat astrocytes and cerebral cortex of cirrhotic patients with hepatic encephalopathy. <i>Glia</i> , <b>2015</b> , 63, 2092-2105	9	10
363	Epigenetic Changes during Hepatic Stellate Cell Activation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128745	3.7	32
362	Secondary NAD <sup>+</sup> deficiency in the inherited defect of glutamine synthetase. <i>Journal of Inherited Metabolic Disease</i> , <b>2015</b> , 38, 1075-83	5.4	13
361	Regulation of plasma membrane localization of the Na <sup>+</sup> -taurocholate cotransporting polypeptide (Ntcp) by hyperosmolarity and tauroursodeoxycholate. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 24237-54	5.4	12

360	Reply: To PMID 24365582. <i>Gastroenterology</i> , <b>2015</b> , 148, 665-6	13.3	
359	Free fatty acids shift insulin-induced hepatocyte proliferation towards CD95-dependent apoptosis. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 4398-409	5.4	16
358	Oncostatin M regulates SOCS3 mRNA stability via the MEK-ERK1/2-pathway independent of p38(MAPK)/MK2. <i>Cellular Signalling</i> , <b>2015</b> , 27, 555-67	4.9	18
357	Deficiency of the B cell-activating factor receptor results in limited CD169+ macrophage function during viral infection. <i>Journal of Virology</i> , <b>2015</b> , 89, 4748-59	6.6	16
356	Metastasized pancreatic carcinoma with neoadjuvant FOLFIRINOX therapy and R0 resection. <i>World Journal of Gastroenterology</i> , <b>2015</b> , 21, 6384-90	5.6	28
355	Role of cerebral ammonia toxicity in hepatic encephalopathy <b>2015</b> , 118-127		
354	Hepatic encephalopathy is associated with slowed and delayed stimulus-associated somatosensory alpha activity. <i>Clinical Neurophysiology</i> , <b>2014</b> , 125, 2427-35	4.3	12
353	TACE plus sorafenib for the treatment of hepatocellular carcinoma: results of the multicenter, phase II SOCRATES trial. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2014</b> , 74, 947-54	3.5	51
352	Stellate cells are mesenchymal stem cells. <i>European Journal of Medical Research</i> , <b>2014</b> , 19, S6	4.8	6
351	Epigenetic regulation during hepatic stellate cell activation. <i>European Journal of Medical Research</i> , <b>2014</b> , 19,	4.8	78
350	Atomic force measurements on the specifically orientated membrane protein TGR5 reconstituted inside a tethered bilayer lipid membrane. <i>European Journal of Medical Research</i> , <b>2014</b> , 19,	4.8	1
349	The secondary structure of the TGR5 membrane-proximal C-terminus determines plasma membrane localization and responsiveness towards extracellular ligands. <i>European Journal of Medical Research</i> , <b>2014</b> , 19, S14	4.8	78
348	Glutamine synthetase mutations that cause glutamine deficiency: mechanistic insights from molecular dynamics simulations. <i>European Journal of Medical Research</i> , <b>2014</b> , 19, S15	4.8	2
347	Role of the bile acid receptor TGR5 (Gpbar-1) in liver damage and regeneration. <i>European Journal of Medical Research</i> , <b>2014</b> , 19,	4.8	1
346	Crucial role of the MAPKAP kinases 2 and 3 for pathogen-induced inflammation and their relevance for the immune response of the liver. <i>European Journal of Medical Research</i> , <b>2014</b> , 19,	4.8	2
345	Immune functions during chronic viral infections. <i>European Journal of Medical Research</i> , <b>2014</b> , 19,	4.8	78
344	Protein oxidative damage in the hippocampus in a mouse model of acute hyperammonemia. <i>European Journal of Medical Research</i> , <b>2014</b> , 19, S29	4.8	2
343	A membrane-proximal, C-terminal helix is required for plasma membrane localization and function of the G Protein-coupled receptor (GPCR) TGR5. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 3689-702	5.4	13

342	Expression of organic osmolyte transporters in cultured rat astrocytes and rat and human cerebral cortex. <i>Archives of Biochemistry and Biophysics</i> , <b>2014</b> , 560, 59-72	4.1	9
341	Value of critical flicker frequency and psychometric hepatic encephalopathy score in diagnosis of low-grade hepatic encephalopathy. <i>Gastroenterology</i> , <b>2014</b> , 146, 961-9	13.3	54
340	Type I interferon protects antiviral CD8+ T cells from NK cell cytotoxicity. <i>Immunity</i> , <b>2014</b> , 40, 949-60	32.3	156
339	Genetic variations of bile salt transporters. <i>Drug Discovery Today: Technologies</i> , <b>2014</b> , 12, e55-67	7.1	17
338	Hepatic stellate cells contribute to progenitor cells and liver regeneration. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 5503-15	15.9	118
337	Integrated metabolic spatial-temporal model for the prediction of ammonia detoxification during liver damage and regeneration. <i>Hepatology</i> , <b>2014</b> , 60, 2040-51	11.2	69
336	Functional cross-talk between ras and rho pathways: a Ras-specific GTPase-activating protein (p120RasGAP) competitively inhibits the RhoGAP activity of deleted in liver cancer (DLC) tumor suppressor by masking the catalytic arginine finger. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 6839-6849	5.4	22
335	Multimodal treatment of hepatocellular carcinoma. <i>European Journal of Internal Medicine</i> , <b>2014</b> , 25, 430-7	3.9	65
334	O-GlcNAcylation as a novel ammonia-induced posttranslational protein modification in cultured rat astrocytes. <i>Metabolic Brain Disease</i> , <b>2014</b> , 29, 975-82	3.9	19
333	Recent advances in 2D and 3D in vitro systems using primary hepatocytes, alternative hepatocyte sources and non-parenchymal liver cells and their use in investigating mechanisms of hepatotoxicity, cell signaling and ADME. <i>Archives of Toxicology</i> , <b>2013</b> , 87, 1315-530	5.8	837
332	Gene expression profiling in the cerebral cortex of patients with cirrhosis with and without hepatic encephalopathy. <i>Hepatology</i> , <b>2013</b> , 57, 2436-47	11.2	48
331	A dileucine motif is involved in plasma membrane expression and endocytosis of rat sodium taurocholate cotransporting polypeptide (Ntcp). <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 305, G722-30	5.1	22
330	Reduced type I interferon production by dendritic cells and weakened antiviral immunity in patients with Wiskott-Aldrich syndrome protein deficiency. <i>Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 131, 815-24	11.5	22
329	Osmotic and oxidative/nitrosative stress in ammonia toxicity and hepatic encephalopathy. <i>Archives of Biochemistry and Biophysics</i> , <b>2013</b> , 536, 158-63	4.1	65
328	The slowed brain: cortical oscillatory activity in hepatic encephalopathy. <i>Archives of Biochemistry and Biophysics</i> , <b>2013</b> , 536, 197-203	4.1	24
327	Precipitants of hepatic encephalopathy induce rapid astrocyte swelling in an oxidative stress dependent manner. <i>Archives of Biochemistry and Biophysics</i> , <b>2013</b> , 536, 143-51	4.1	39
326	Hepatic stellate cells support hematopoiesis and are liver-resident mesenchymal stem cells. <i>Cellular Physiology and Biochemistry</i> , <b>2013</b> , 31, 290-304	3.9	63
325	Involvement of Toso in activation of monocytes, macrophages, and granulocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 2593-8	11.5	45

324	Bile acids PKA-dependently induce a switch of the IL-10/IL-12 ratio and reduce proinflammatory capability of human macrophages. <i>Journal of Leukocyte Biology</i> , <b>2013</b> , 94, 1253-64	6.5	86
323	TGR5 in cholangiocytes. <i>Current Opinion in Gastroenterology</i> , <b>2013</b> , 29, 299-304	3	35
322	The Src family kinases: distinct functions of c-Src, Yes, and Fyn in the liver. <i>Biomolecular Concepts</i> , <b>2013</b> , 4, 129-42	3.7	10
321	A novel mutation within a transmembrane helix of the bile salt export pump (BSEP, ABCB11) with delayed development of cirrhosis. <i>Liver International</i> , <b>2013</b> , 33, 1527-35	7.9	20
320	Hepatic stem cell niches. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 1874-80	15.9	95
319	Hepatic acute phase proteins--regulation by IL-6- and IL-1-type cytokines involving STAT3 and its crosstalk with NF-B-dependent signaling. <i>European Journal of Cell Biology</i> , <b>2012</b> , 91, 496-505	6.1	244
318	Short-term feedback regulation of bile salt uptake by bile salts in rodent liver. <i>Hepatology</i> , <b>2012</b> , 56, 2387-97	11.2	27
317	CD95 death receptor and epidermal growth factor receptor (EGFR) in liver cell apoptosis and regeneration. <i>Archives of Biochemistry and Biophysics</i> , <b>2012</b> , 518, 2-7	4.1	26
316	The histidine-loop is essential for transport activity of human MDR3. A novel mutation of MDR3 in a patient with progressive familial intrahepatic cholestasis type 3. <i>Gene</i> , <b>2012</b> , 506, 141-5	3.8	13
315	Perspective: TGR5 (Gpbar-1) in liver physiology and disease. <i>Clinics and Research in Hepatology and Gastroenterology</i> , <b>2012</b> , 36, 412-9	2.4	86
314	The bile salt export pump (BSEP) in health and disease. <i>Clinics and Research in Hepatology and Gastroenterology</i> , <b>2012</b> , 36, 536-53	2.4	120
313	Lowered frequency and impaired modulation of gamma band oscillations in a bimodal attention task are associated with reduced critical flicker frequency. <i>NeuroImage</i> , <b>2012</b> , 61, 216-27	7.9	22
312	iRhom2 regulation of TACE controls TNF-mediated protection against Listeria and responses to LPS. <i>Science</i> , <b>2012</b> , 335, 229-32	33.3	237
311	Effective T-cell recall responses require the taurine transporter Taut. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 831-41	6.1	21
310	The macrophage response towards LPS and its control through the p38(MAPK)-STAT3 axis. <i>Cellular Signalling</i> , <b>2012</b> , 24, 1185-94	4.9	260
309	Ammonium chloride influences in vitro-neuronal network activity. <i>Experimental Neurology</i> , <b>2012</b> , 235, 368-73	5.7	11
308	Evaluation of acoustic radiation force impulse imaging for determination of liver stiffness using transient elastography as a reference. <i>World Journal of Gastroenterology</i> , <b>2012</b> , 18, 1077-84	5.6	45
307	Natural killer cell activation enhances immune pathology and promotes chronic infection by limiting CD8+ T-cell immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 1210-5	11.5	241

306	Infusion of CD133+ bone marrow-derived stem cells after selective portal vein embolization enhances functional hepatic reserves after extended right hepatectomy: a retrospective single-center study. <i>Annals of Surgery</i> , <b>2012</b> , 255, 79-85	7.8	65
305	Investigating cell-ECM contact changes in response to hypoosmotic stimulation of hepatocytes in vivo with DW-RICM. <i>PLoS ONE</i> , <b>2012</b> , 7, e48100	3.7	5
304	Stellate cells from rat pancreas are stem cells and can contribute to liver regeneration. <i>PLoS ONE</i> , <b>2012</b> , 7, e51878	3.7	40
303	Hepatobiliary Transport in Health and Disease <b>2012</b> ,		8
302	TGR5 in the biliary tree. <i>Digestive Diseases</i> , <b>2011</b> , 29, 45-7	3.2	42
301	Locomotor impairment and cerebrocortical oxidative stress in portal vein ligated rats in vivo. <i>Journal of Hepatology</i> , <b>2011</b> , 54, 251-7	13.4	33
300	Heterologous overexpression and mutagenesis of the human bile salt export pump (ABCB11) using DREAM (Directed REcombination-Assisted Mutagenesis). <i>PLoS ONE</i> , <b>2011</b> , 6, e20562	3.7	11
299	Microglia activation in hepatic encephalopathy in rats and humans. <i>Hepatology</i> , <b>2011</b> , 54, 204-15	11.2	105
298	The epigenetic regulation of stem cell factors in hepatic stellate cells. <i>Stem Cells and Development</i> , <b>2011</b> , 20, 1687-99	4.4	30
297	The Src family kinase Fyn mediates hyperosmolarity-induced Mrp2 and Bsep retrieval from canalicular membrane. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 45014-29	5.4	19
296	Osmotic regulation of bile acid transport, apoptosis and proliferation in rat liver. <i>Cellular Physiology and Biochemistry</i> , <b>2011</b> , 28, 1089-98	3.9	18
295	Ammonia increases nitric oxide, free Zn(2+), and metallothionein mRNA expression in cultured rat astrocytes. <i>Biological Chemistry</i> , <b>2011</b> , 392, 1155-65	4.5	32
294	Distinct functions of the mitogen-activated protein kinase-activated protein (MAPKAP) kinases MK2 and MK3: MK2 mediates lipopolysaccharide-induced signal transducers and activators of transcription 3 (STAT3) activation by preventing negative regulatory effects of MK3. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 24113-24	5.4	54
293	TGR5 sequence variation in primary sclerosing cholangitis. <i>Digestive Diseases</i> , <b>2011</b> , 29, 78-84	3.2	25
292	Genetic variants of the bile salt export pump: inducers and modifiers of liver diseases. <i>Digestive Diseases</i> , <b>2011</b> , 29, 89-92	3.2	10
291	Mutational characterization of the bile acid receptor TGR5 in primary sclerosing cholangitis. <i>PLoS ONE</i> , <b>2010</b> , 5, e12403	3.7	90
290	Loss of ability to self-heal malaria upon taurine transporter deletion. <i>Infection and Immunity</i> , <b>2010</b> , 78, 1642-9	3.7	29
289	The membrane-bound bile acid receptor TGR5 (Gpbar-1) is localized in the primary cilium of cholangiocytes. <i>Biological Chemistry</i> , <b>2010</b> , 391, 785-9	4.5	91



288	Inhibition of interferon-Induced signaling by hyperosmolarity and hydrophobic bile acids. <i>Biological Chemistry</i> , <b>2010</b> , 391, 1175-87	4.5	14
287	17-allylamino-17-demethoxygeldanamycin and MEK1/2 inhibitors kill GI tumor cells via Ca2+-dependent suppression of GRP78/BiP and induction of ceramide and reactive oxygen species. <i>Molecular Cancer Therapeutics</i> , <b>2010</b> , 9, 1378-95	6.1	14
286	Insulin induces swelling-dependent activation of the epidermal growth factor receptor in rat liver. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 25904-12	5.4	24
285	Protein kinase C induces endocytosis of the sodium taurocholate cotransporting polypeptide. <i>American Journal of Physiology - Renal Physiology</i> , <b>2010</b> , 299, G320-8	5.1	27
284	Ammonia triggers exocytotic release of L-glutamate from cultured rat astrocytes. <i>Glia</i> , <b>2010</b> , 58, 691-705	5	47
283	Interaction of oxidative stress, astrocyte swelling and cerebral ammonia toxicity. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2010</b> , 13, 87-92	3.8	94
282	The bile acid receptor TGR5 (Gpbar-1) acts as a neurosteroid receptor in brain. <i>Glia</i> , <b>2010</b> , 58, 1794-805	9	161
281	Tissue macrophages suppress viral replication and prevent severe immunopathology in an interferon-I-dependent manner in mice. <i>Hepatology</i> , <b>2010</b> , 52, 25-32	11.2	62
280	Oxidative stress markers in the brain of patients with cirrhosis and hepatic encephalopathy. <i>Hepatology</i> , <b>2010</b> , 52, 256-65	11.2	103
279	Liver Cell Hydration and Cell Function <b>2010</b> , 137-140		
278	Neurotransmitter receptor imbalances in motor cortex and basal ganglia in hepatic encephalopathy. <i>Cellular Physiology and Biochemistry</i> , <b>2009</b> , 24, 291-306	3.9	36
277	Expression and localization of atypical PKC isoforms in liver parenchymal cells. <i>Biological Chemistry</i> , <b>2009</b> , 390, 235-44	4.5	10
276	Bile acid-induced epidermal growth factor receptor activation in quiescent rat hepatic stellate cells can trigger both proliferation and apoptosis. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 22173-22183	5.4	30
275	Enhanced insulin sensitivity of gene-targeted mice lacking functional KCNQ1. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2009</b> , 296, R1695-701	3.2	46
274	Hypoosmotic swelling affects zinc homeostasis in cultured rat astrocytes. <i>Glia</i> , <b>2009</b> , 57, 79-92	9	57
273	Nonstructural 3/4A protease of hepatitis C virus activates epithelial growth factor-induced signal transduction by cleavage of the T-cell protein tyrosine phosphatase. <i>Hepatology</i> , <b>2009</b> , 49, 1810-20	11.2	56
272	The membrane-bound bile acid receptor TGR5 is localized in the epithelium of human gallbladders. <i>Hepatology</i> , <b>2009</b> , 50, 861-70	11.2	202
271	De novo bile salt transporter antibodies as a possible cause of recurrent graft failure after liver transplantation: a novel mechanism of cholestasis. <i>Hepatology</i> , <b>2009</b> , 50, 510-7	11.2	104



270	The niche of stellate cells within rat liver. <i>Hepatology</i> , <b>2009</b> , 50, 1617-24	11.2	110
269	SGK1 dependence of insulin induced hypokalemia. <i>Pflügers Archiv European Journal of Physiology</i> , <b>2009</b> , 457, 955-61	4.6	13
268	RNA oxidation and zinc in hepatic encephalopathy and hyperammonemia. <i>Metabolic Brain Disease</i> , <b>2009</b> , 24, 119-34	3.9	29
267	Hepatic encephalopathy and fitness to drive. <i>Gastroenterology</i> , <b>2009</b> , 137, 1706-15.e1-9	13.3	109
266	Hepatic and pancreatic stellate cells in focus. <i>Biological Chemistry</i> , <b>2009</b> , 390, 1003-12	4.5	47
265	Diagnostic and prognostic values of critical flicker frequency determination as new diagnostic tool for objective HE evaluation in patients undergoing TIPS implantation. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2009</b> , 21, 1383-94	2.2	25
264	Glutamine synthetase becomes nitrated and its activity is reduced during repetitive seizure activity in the pentylentetrazole model of epilepsy. <i>Epilepsia</i> , <b>2008</b> , 49, 1733-48	6.4	58
263	Sorafenib in advanced hepatocellular carcinoma. <i>New England Journal of Medicine</i> , <b>2008</b> , 359, 378-90	59.2	9089
262	CD95 ligand is a proliferative and antiapoptotic signal in quiescent hepatic stellate cells. <i>Gastroenterology</i> , <b>2008</b> , 134, 1494-506	13.3	48
261	Caspase-mediated cleavage of the signal-transducing IL-6 receptor subunit gp130. <i>Archives of Biochemistry and Biophysics</i> , <b>2008</b> , 477, 330-8	4.1	11
260	Canonical Wnt signaling maintains the quiescent stage of hepatic stellate cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 367, 116-23	3.4	96
259	Expression and function of the bile acid receptor TGR5 in Kupffer cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 372, 78-84	3.4	302
258	Hepatitis C virus (HCV) employs multiple strategies to subvert the host innate antiviral response. <i>Biological Chemistry</i> , <b>2008</b> , 389, 1283-98	4.5	30
257	Taurolithocholic acid-3 sulfate impairs insulin signaling in cultured rat hepatocytes and perfused rat liver. <i>Cellular Physiology and Biochemistry</i> , <b>2008</b> , 21, 137-50	3.9	10
256	Amplification of CD95 activation by caspase 8-induced endosomal acidification in rat hepatocytes. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 2211-22	5.4	19
255	Transient elastography is unreliable for detection of cirrhosis in patients with acute liver damage. <i>Hepatology</i> , <b>2008</b> , 47, 592-5	11.2	381
254	Cerebral A1 adenosine receptors (A1AR) in liver cirrhosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2008</b> , 35, 589-97	8.8	27
253	Osmosensing and osmosignaling in the liver. <i>Wiener Medizinische Wochenschrift</i> , <b>2008</b> , 158, 549-52	2.9	12

252	Sonographic detection of subcutaneous fly larvae in human myiasis. <i>Journal of Clinical Ultrasound</i> , <b>2008</b> , 36, 169-73	1	13
251	Ammonia induces RNA oxidation in cultured astrocytes and brain in vivo. <i>Hepatology</i> , <b>2008</b> , 48, 567-79	11.2	105
250	Endocrine and paracrine role of bile acids. <i>World Journal of Gastroenterology</i> , <b>2008</b> , 14, 5620-9	5.6	93
249	Osmosensing by integrins in rat liver. <i>Methods in Enzymology</i> , <b>2007</b> , 428, 129-44	1.7	11
248	Hypoosmotic swelling and ammonia increase oxidative stress by NADPH oxidase in cultured astrocytes and vital brain slices. <i>Glia</i> , <b>2007</b> , 55, 758-71	9	156
247	The G-protein coupled bile salt receptor TGR5 is expressed in liver sinusoidal endothelial cells. <i>Hepatology</i> , <b>2007</b> , 45, 695-704	11.2	242
246	Liver cell death and anemia in Wilson disease involve acid sphingomyelinase and ceramide. <i>Nature Medicine</i> , <b>2007</b> , 13, 164-70	50.5	378
245	Relapse to prior therapy is the most important factor for the retreatment response in patients with chronic hepatitis C virus infection. <i>Liver International</i> , <b>2007</b> , 27, 954-9	7.9	9
244	Osmosensing and signaling in the regulation of mammalian cell function. <i>FEBS Journal</i> , <b>2007</b> , 274, 5799-803	3.7	38
243	Activation of NF-kappaB by IL-1beta blocks IL-6-induced sustained STAT3 activation and STAT3-dependent gene expression of the human gamma-fibrinogen gene. <i>Cellular Signalling</i> , <b>2007</b> , 19, 1866-78	4.9	44
242	CD95 tyrosine phosphorylation is required for CD95 oligomerization. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2007</b> , 12, 719-29	5.4	25
241	Regulation of suppressor of cytokine signaling 3 (SOCS3) mRNA stability by TNF-alpha involves activation of the MKK6/p38MAPK/MK2 cascade. <i>Journal of Immunology</i> , <b>2007</b> , 178, 2813-26	5.3	90
240	The osmolyte taurine protects against ultraviolet B radiation-induced immunosuppression. <i>Journal of Immunology</i> , <b>2007</b> , 179, 3604-12	5.3	32
239	Osmotic regulation of betaine homocysteine-S-methyltransferase expression in H4IIE rat hepatoma cells. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 292, G1089-98	5.1	30
238	Hyperosmotic activation of the CD95 system. <i>Methods in Enzymology</i> , <b>2007</b> , 428, 145-60	1.7	25
237	Osmoregulation of bile formation. <i>Methods in Enzymology</i> , <b>2007</b> , 428, 313-24	1.7	8
236	Phenotype of the taurine transporter knockout mouse. <i>Methods in Enzymology</i> , <b>2007</b> , 428, 439-58	1.7	102
235	Obstructive cholestasis induces TNF-alpha- and IL-1 -mediated periportal downregulation of Bsep and zonal regulation of Ntcp, Oatp1a4, and Oatp1b2. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 293, G1134-46	5.1	53

234	Hydrophobic bile salts trigger ceramide formation through endosomal acidification. <i>Biological Chemistry</i> , <b>2007</b> , 388, 185-96	4.5	25
233	Hydrophobic bile salts induce hepatocyte shrinkage via NADPH oxidase activation. <i>Cellular Physiology and Biochemistry</i> , <b>2007</b> , 19, 89-98	3.9	48
232	Modulation of gene expression profiles by hyperosmolarity and insulin. <i>Cellular Physiology and Biochemistry</i> , <b>2007</b> , 20, 369-86	3.9	10
231	An obligatory requirement for the heterotrimeric G protein Gi3 in the antiautophagic action of insulin in the liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 3003-8	11.5	88
230	CD95 activation in the liver: ion fluxes and oxidative signaling. <i>Archives of Biochemistry and Biophysics</i> , <b>2007</b> , 462, 124-31	4.1	14
229	Taurine deficiency and apoptosis: findings from the taurine transporter knockout mouse. <i>Archives of Biochemistry and Biophysics</i> , <b>2007</b> , 462, 202-9	4.1	47
228	CD133+ hepatic stellate cells are progenitor cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 352, 410-7	3.4	187
227	Assessment of low-grade hepatic encephalopathy: a critical analysis. <i>Journal of Hepatology</i> , <b>2007</b> , 47, 642-50	13.4	55
226	Reversible inhibition of mammalian glutamine synthetase by tyrosine nitration. <i>FEBS Letters</i> , <b>2007</b> , 581, 84-90	3.8	95
225	Hepatische Enzephalopathie <b>2007</b> , 937-941		
224	Glutamine metabolism and signaling in the liver. <i>Frontiers in Bioscience - Landmark</i> , <b>2007</b> , 12, 371-91	2.8	67
223	Bile acids inhibit interleukin-6 signaling via gp130 receptor-dependent and -independent pathways in rat liver. <i>Hepatology</i> , <b>2006</b> , 44, 1206-17	11.2	24
222	Osmosensing and signaling in the regulation of liver function. <i>Contributions To Nephrology</i> , <b>2006</b> , 152, 198-209	1.6	12
221	Deletion of HOG1 leads to Osmosensitivity in starvation-induced, but not rapamycin-dependent Atg8 degradation and proteolysis: further evidence for different regulatory mechanisms in yeast autophagy. <i>Autophagy</i> , <b>2006</b> , 2, 241-3	10.2	11
220	Switch from actin alpha1 to alpha2 expression and upregulation of biomarkers for pressure overload and cardiac hypertrophy in taurine-deficient mouse heart. <i>Biological Chemistry</i> , <b>2006</b> , 387, 1449-54	4.5	7
219	Chronic liver disease is triggered by taurine transporter knockout in the mouse. <i>FASEB Journal</i> , <b>2006</b> , 20, 574-6	0.9	89
218	Endosomal acidification and activation of NADPH oxidase isoforms are upstream events in hyperosmolarity-induced hepatocyte apoptosis. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 23150-66	5.4	52
217	Combined mutations of canalicular transporter proteins cause severe intrahepatic cholestasis of pregnancy. <i>Gastroenterology</i> , <b>2006</b> , 131, 624-9	13.3	137

216	Pathogenetic interplay between osmotic and oxidative stress: the hepatic encephalopathy paradigm. <i>Biological Chemistry</i> , <b>2006</b> , 387, 1363-70	4.5	63
215	Inflammatory cytokines induce protein tyrosine nitration in rat astrocytes. <i>Archives of Biochemistry and Biophysics</i> , <b>2006</b> , 449, 104-14	4.1	52
214	Benign recurrent intrahepatic cholestasis associated with mutations of the bile salt export pump. <i>Journal of Clinical Gastroenterology</i> , <b>2006</b> , 40, 171-5	3	69
213	Inborn error of amino acid synthesis: human glutamine synthetase deficiency. <i>Journal of Inherited Metabolic Disease</i> , <b>2006</b> , 29, 352-8	5.4	60
212	Impaired ability to increase water excretion in mice lacking the taurine transporter gene TAUT. <i>Pflügers Archiv European Journal of Physiology</i> , <b>2006</b> , 451, 668-77	4.6	27
211	Differential and synergistic effects of platelet-derived growth factor-BB and transforming growth factor- $\beta$ on activated pancreatic stellate cells. <i>Suizo</i> , <b>2006</b> , 21, 96-98	0.1	
210	Peginterferon-alpha-2a (40KD) and ribavirin for 16 or 24 weeks in patients with genotype 2 or 3 chronic hepatitis C. <i>Gastroenterology</i> , <b>2005</b> , 129, 522-7	13.3	119
209	Predicting sustained virological responses in chronic hepatitis C patients treated with peginterferon alfa-2a (40 KD)/ribavirin. <i>Journal of Hepatology</i> , <b>2005</b> , 43, 425-33	13.4	425
208	Astrocyte swelling and protein tyrosine nitration in hepatic encephalopathy. <i>Neurochemistry International</i> , <b>2005</b> , 47, 64-70	4.4	49
207	Peginterferon-2a (40KD) and Ribavirin for 16 or 24 Weeks in Patients With Genotype 2 or 3 Chronic Hepatitis C. <i>Gastroenterology</i> , <b>2005</b> , 129, 522-527	13.3	349
206	Bile salt-induced apoptosis involves NADPH oxidase isoform activation. <i>Gastroenterology</i> , <b>2005</b> , 129, 2009-31	13.3	132
205	Inborn errors of biliary canalicular transport systems. <i>Methods in Enzymology</i> , <b>2005</b> , 400, 558-69	1.7	18
204	Congenital glutamine deficiency with glutamine synthetase mutations. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 1926-33	59.2	148
203	Sp3 is involved in the regulation of SOCS3 gene expression. <i>Biochemical Journal</i> , <b>2005</b> , 387, 737-45	3.8	36
202	Portal application of autologous CD133+ bone marrow cells to the liver: a novel concept to support hepatic regeneration. <i>Stem Cells</i> , <b>2005</b> , 23, 463-70	5.8	208
201	Fluorescence resonance energy transfer analysis of proapoptotic CD95-EGF receptor interactions in Huh7 cells. <i>Hepatology</i> , <b>2005</b> , 41, 315-26	11.2	38
200	Lipopolysaccharide-induced tyrosine nitration and inactivation of hepatic glutamine synthetase in the rat. <i>Hepatology</i> , <b>2005</b> , 41, 1065-73	11.2	69
199	Expression and localization of hepatobiliary transport proteins in progressive familial intrahepatic cholestasis. <i>Hepatology</i> , <b>2005</b> , 41, 1160-72	11.2	188

198	Taurine-transporter gene knockout-induced changes in GABA(A), kainate and AMPA but not NMDA receptor binding in mouse brain. <i>Anatomy and Embryology</i> , <b>2005</b> , 210, 363-72		12
197	Protein tyrosine nitration in hyperammonemia and hepatic encephalopathy. <i>Metabolic Brain Disease</i> , <b>2005</b> , 20, 285-94	3.9	33
196	Neural synchronization in hepatic encephalopathy. <i>Metabolic Brain Disease</i> , <b>2005</b> , 20, 337-46	3.9	25
195	The cellular hydration state: role in apoptosis and proliferation. <i>Signal Transduction</i> , <b>2005</b> , 5, 297-302		14
194	Biliary transport systems: short-term regulation. <i>Methods in Enzymology</i> , <b>2005</b> , 400, 542-57	1.7	21
193	Osmotic regulation of MG-132-induced MAP-kinase phosphatase MKP-1 expression in H4IIE rat hepatoma cells. <i>Cellular Physiology and Biochemistry</i> , <b>2005</b> , 16, 193-206	3.9	15
192	Degradation of the sodium taurocholate cotransporting polypeptide (NTCP) by the ubiquitin-proteasome system. <i>Biological Chemistry</i> , <b>2005</b> , 386, 1065-74	4.5	28
191	Involvement of NADPH oxidase isoforms and Src family kinases in CD95-dependent hepatocyte apoptosis. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 27179-94	5.4	189
190	Hepatische Enzephalopathie <b>2005</b> , 849-854		
189	Taurine transporter knockout depletes muscle taurine levels and results in severe skeletal muscle impairment but leaves cardiac function uncompromised. <i>FASEB Journal</i> , <b>2004</b> , 18, 577-9	0.9	131
188	Enhanced expression of basolateral multidrug resistance protein isoforms Mrp3 and Mrp5 in rat liver by LPS. <i>Biological Chemistry</i> , <b>2004</b> , 385, 331-9	4.5	45
187	CD95-tyrosine nitration inhibits hyperosmotic and CD95 ligand-induced CD95 activation in rat hepatocytes. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 10364-73	5.4	51
186	Involvement of integrins and Src in insulin signaling toward autophagic proteolysis in rat liver. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 21294-301	5.4	62
185	Ca <sup>2+</sup> -dependent protein kinase C isoforms induce cholestasis in rat liver. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 10323-30	5.4	54
184	The Src family kinase Yes triggers hyperosmotic activation of the epidermal growth factor receptor and CD95. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 23977-87	5.4	66
183	Dual function of interleukin-1beta for the regulation of interleukin-6-induced suppressor of cytokine signaling 3 expression. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 45279-89	5.4	22
182	Is ultrasound a useful adjunct for assessing malaria patients?. <i>Parasitology Research</i> , <b>2004</b> , 94, 349-53	2.4	5
181	Kurt Jungermann: a pioneer in liver research <b>2004</b> , 280, 807		1

180	Neural control of hepatic osmolytes and parenchymal cell hydration <b>2004</b> , 280, 893-900		12
179	Hypoosmotic swelling increases protein tyrosine nitration in cultured rat astrocytes. <i>Glia</i> , <b>2004</b> , 47, 21-9	9	58
178	Inhibition of bile salt-induced apoptosis by cyclic AMP involves serine/threonine phosphorylation of CD95. <i>Gastroenterology</i> , <b>2004</b> , 126, 249-62	13.3	66
177	Trafficking of the bile salt export pump from the Golgi to the canalicular membrane is regulated by the p38 MAP kinase. <i>Gastroenterology</i> , <b>2004</b> , 126, 541-53	13.3	99
176	Involvement of the Src family kinase yes in bile salt-induced apoptosis. <i>Gastroenterology</i> , <b>2004</b> , 127, 1540-53	5.3	75
175	Molecular aspects of medicine: from experimental to clinical hepatology. <i>Molecular Aspects of Medicine</i> , <b>2004</b> , 25, 221-360	16.7	49
174	Neural mechanism underlying impaired visual judgement in the dysmetabolic brain: an fMRI study. <i>NeuroImage</i> , <b>2004</b> , 22, 541-52	7.9	76
173	Differentiation Between Benign and Malignant Hepatic Lesions. <i>Journal of Ultrasound in Medicine</i> , <b>2004</b> , 23, 207-215	2.9	17
172	Real-time imaging with the sonographic contrast agent SonoVue: differentiation between benign and malignant hepatic lesions. <i>Journal of Ultrasound in Medicine</i> , <b>2004</b> , 23, 1557-68	2.9	126
171	SEN virus does not affect treatment response in hepatitis C virus coinfecting patients but SEN virus response depends on SEN virus DNA concentration. <i>World Journal of Gastroenterology</i> , <b>2004</b> , 10, 1893-7	5.6	6
170	Involvement of integrins in osmosensing and signaling toward autophagic proteolysis in rat liver. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 27088-95	5.4	83
169	TNF-alpha induces tyrosine phosphorylation and recruitment of the Src homology protein-tyrosine phosphatase 2 to the gp130 signal-transducing subunit of the IL-6 receptor complex. <i>Journal of Immunology</i> , <b>2003</b> , 171, 257-66	5.3	48
168	Osmotic regulation of insulin-induced mitogen-activated protein kinase phosphatase (MKP-1) expression in H4IIE rat hepatoma cells. <i>Biochemical Journal</i> , <b>2003</b> , 371, 609-19	3.8	23
167	Blunted apoptosis of erythrocytes from taurine transporter deficient mice. <i>Cellular Physiology and Biochemistry</i> , <b>2003</b> , 13, 337-46	3.9	63
166	Combination treatment of IFNalpha2b and ribavirin in patients with chronic hepatitis C and persistently normal ALTs. <i>Digestive Diseases and Sciences</i> , <b>2003</b> , 48, 921-5	4	6
165	Benzodiazepine-induced protein tyrosine nitration in rat astrocytes. <i>Hepatology</i> , <b>2003</b> , 37, 334-42	11.2	51
164	Quantitative T1 mapping of hepatic encephalopathy using magnetic resonance imaging. <i>Hepatology</i> , <b>2003</b> , 38, 1219-26	11.2	56
163	Involvement of integrins and Src in tauroursodeoxycholate-induced and swelling-induced choleresis. <i>Gastroenterology</i> , <b>2003</b> , 124, 1476-87	13.3	94



162	Bile salt-induced hepatocyte apoptosis involves epidermal growth factor receptor-dependent CD95 tyrosine phosphorylation. <i>Gastroenterology</i> , <b>2003</b> , 125, 839-53	13.3	118
161	Call volume and insulin signaling. <i>International Review of Cytology</i> , <b>2003</b> , 225, 187-228		43
160	HFE mutations and chronic hepatitis C: H63D and C282Y heterozygosity are independent risk factors for liver fibrosis and cirrhosis. <i>Journal of Hepatology</i> , <b>2003</b> , 38, 335-42	13.4	86
159	Taurine supplementation induces multidrug resistance protein 2 and bile salt export pump expression in rats and prevents endotoxin-induced cholestasis. <i>Archives of Biochemistry and Biophysics</i> , <b>2003</b> , 413, 32-40	4.1	31
158	Ultrasound in tropical and parasitic diseases. <i>Lancet, The</i> , <b>2003</b> , 362, 900-2	4.0	77
157	Abrogation of hepatitis C virus NS3 helicase enzymatic activity by recombinant human antibodies. <i>Journal of General Virology</i> , <b>2003</b> , 84, 2323-2332	4.9	19
156	Hyperosmolarity and CD95L trigger CD95/EGF receptor association and tyrosine phosphorylation of CD95 as prerequisites for CD95 membrane trafficking and DISC formation. <i>FASEB Journal</i> , <b>2003</b> , 17, 731-3	0.9	101
155	Erkrankungen von Leber, Gallenwegen und Pankreas <b>2003</b> , 863-954		
154	c-Jun-N-terminal kinase dependent membrane targeting of CD95 in rat hepatic stellate cells. <i>Cellular Physiology and Biochemistry</i> , <b>2002</b> , 12, 179-86	3.9	23
153	Pulse inversion sonography in the early phase of the sonographic contrast agent Levovist: differentiation between benign and malignant focal liver lesions. <i>Journal of Ultrasound in Medicine</i> , <b>2002</b> , 21, 1191-200	2.9	33
152	Ammonia-induced heme oxygenase-1 expression in cultured rat astrocytes and rat brain in vivo. <i>Glia</i> , <b>2002</b> , 40, 324-36	9	63
151	Pathogenesis of hepatic encephalopathy. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2002</b> , 17 Suppl 3, S256-9	4	35
150	Management of hepatic encephalopathy. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2002</b> , 17 Suppl 3, S260-7	4	14
149	Hepatitis C virus core protein induces cell proliferation and activates ERK, JNK, and p38 MAP kinases together with the MAP kinase phosphatase MKP-1 in a HepG2 Tet-Off cell line. <i>Virology</i> , <b>2002</b> , 292, 272-84	3.6	106
148	Critical flicker frequency for quantification of low-grade hepatic encephalopathy. <i>Hepatology</i> , <b>2002</b> , 35, 357-66	11.2	288
147	Hyperosmolarity triggers CD95 membrane trafficking and sensitizes rat hepatocytes toward CD95L-induced apoptosis. <i>Hepatology</i> , <b>2002</b> , 36, 602-14	11.2	73
146	Prevention of bile acid-induced apoptosis by betaine in rat liver. <i>Hepatology</i> , <b>2002</b> , 36, 829-39	11.2	66
145	Regulation of endothelin-A receptor sensitivity by cyclic adenosine monophosphate in rat hepatic stellate cells. <i>Hepatology</i> , <b>2002</b> , 36, 861-73	11.2	24



144	Disruption of the taurine transporter gene (taut) leads to retinal degeneration in mice. <i>FASEB Journal</i> , <b>2002</b> , 16, 231-3	0.9	165
143	Ammonia induces MK-801-sensitive nitration and phosphorylation of protein tyrosine residues in rat astrocytes. <i>FASEB Journal</i> , <b>2002</b> , 16, 739-41	0.9	242
142	Late-phase pulse-inversion sonography using the contrast agent levovist: differentiation between benign and malignant focal lesions of the liver. <i>American Journal of Roentgenology</i> , <b>2002</b> , 179, 1273-9	5.4	89
141	Taurolithocholic acid-3 sulfate induces CD95 trafficking and apoptosis in a c-Jun N-terminal kinase-dependent manner. <i>Gastroenterology</i> , <b>2002</b> , 122, 1411-27	13.3	95
140	Caspase 9-dependent killing of hepatic stellate cells by activated Kupffer cells. <i>Gastroenterology</i> , <b>2002</b> , 123, 845-61	13.3	82
139	Peginterferon alfa-2a plus ribavirin for chronic hepatitis C virus infection. <i>New England Journal of Medicine</i> , <b>2002</b> , 347, 975-82	59.2	555 <sup>1</sup>
138	The cellular hydration state: a critical determinant for cell death and survival. <i>Biological Chemistry</i> , <b>2002</b> , 383, 577-83	4.5	71
137	Expression and regulation of the Na(+)/K(+)/2Cl(-) cotransporter NKCC1 in rat liver and human HuH-7 hepatoma cells. <i>Archives of Biochemistry and Biophysics</i> , <b>2002</b> , 401, 187-97	4.1	21
136	Cell hydration controls autophagosome formation in rat liver in a microtubule-dependent way downstream from p38MAPK activation. <i>Biochemical Journal</i> , <b>2001</b> , 354, 31-6	3.8	32
135	Cell hydration controls autophagosome formation in rat liver in a microtubule-dependent way downstream from p38MAPK activation. <i>Biochemical Journal</i> , <b>2001</b> , 354, 31-36	3.8	56
134	Association between duplex Doppler sonographic flow pattern in right hepatic vein and various liver diseases. <i>Journal of Clinical Ultrasound</i> , <b>2001</b> , 29, 25-30	1	48
133	Combination therapy of active HBsAg vaccination and interferon-alpha in interferon-alpha nonresponders with chronic hepatitis B. <i>Digestive Diseases and Sciences</i> , <b>2001</b> , 46, 901-6	4	16
132	Regulation of the dynamic localization of the rat Bsep gene-encoded bile salt export pump by anisoosmolarity. <i>Hepatology</i> , <b>2001</b> , 33, 509-18	11.2	72
131	Protein kinase C-dependent distribution of the multidrug resistance protein 2 from the canalicular to the basolateral membrane in human HepG2 cells. <i>Hepatology</i> , <b>2001</b> , 34, 340-50	11.2	98
130	Insulin resistance induced by loop diuretics and hyperosmolarity in perfused rat liver. <i>Biological Chemistry</i> , <b>2001</b> , 382, 1063-9	4.5	26
129	The inhibitory effect of IL-1 beta on IL-6-induced alpha 2-macroglobulin expression is due to activation of NF-kappa B. <i>Journal of Immunology</i> , <b>2001</b> , 167, 1469-81	5.3	42
128	Role of p38(MAPK) in cell volume regulation of perfused rat liver. <i>Cellular Physiology and Biochemistry</i> , <b>2001</b> , 11, 285-94	3.9	39
127	Tauroursodesoxycholate-induced choleresis involves p38(MAPK) activation and translocation of the bile salt export pump in rats. <i>Gastroenterology</i> , <b>2001</b> , 121, 407-19	13.3	152

126	Hepatic encephalopathy and nitric oxide. <i>Journal of Hepatology</i> , <b>2001</b> , 34, 610-2	13.4	13
125	Identification of osmosensitive and ammonia-regulated genes in rat astrocytes by Northern blotting and differential display reverse transcriptase-polymerase chain reaction. <i>Journal of Hepatology</i> , <b>2001</b> , 35, 358-66	13.4	26
124	Modulation of the heme oxygenase HO-1 expression by hyperosmolarity and betaine in primary rat hepatocytes. <i>Archives of Biochemistry and Biophysics</i> , <b>2001</b> , 388, 285-92	4.1	19
123	Electron-microscopic demonstration of multidrug resistance protein 2 (Mrp2) retrieval from the canalicular membrane in response to hyperosmolarity and lipopolysaccharide. <i>Biochemical Journal</i> , <b>2000</b> , 348, 183	3.8	20
122	Electron-microscopic demonstration of multidrug resistance protein 2 (Mrp2) retrieval from the canalicular membrane in response to hyperosmolarity and lipopolysaccharide. <i>Biochemical Journal</i> , <b>2000</b> , 348, 183-188	3.8	64
121	Cell hydration and insulin signalling. <i>Cellular Physiology and Biochemistry</i> , <b>2000</b> , 10, 403-8	3.9	35
120	Changes in free amino acid synthesis in the perfused liver of an air-breathing walking catfish, <i>Clarias batrachus</i> infused with ammonium chloride: a strategy to adapt under hyperammonia stress. <i>The Journal of Experimental Zoology</i> , <b>2000</b> , 286, 13-23		34
119	Color Doppler sonographic evaluation of spontaneous portosystemic shunts and inversion of portal venous flow in patients with cirrhosis. <i>Journal of Clinical Ultrasound</i> , <b>2000</b> , 28, 332-9	1	59
118	Mutations of the core promoter and response to interferon treatment in chronic replicative hepatitis B. <i>Hepatology</i> , <b>2000</b> , 31, 716-25	11.2	118
117	Stable expression and functional characterization of a Na <sup>+</sup> -taurocholate cotransporting green fluorescent protein in human hepatoblastoma HepG2 cells. <i>Cytotechnology</i> , <b>2000</b> , 34, 1-9	2.2	38
116	Release of osmolytes induced by phagocytosis and hormones in rat liver. <i>American Journal of Physiology - Renal Physiology</i> , <b>2000</b> , 278, G227-33	5.1	12
115	Short-term regulation of canalicular transport. <i>Seminars in Liver Disease</i> , <b>2000</b> , 20, 307-21	7.3	64
114	Expression of glutamine synthetase in macrophages. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2000</b> , 48, 415-22	3.4	18
113	Hypoosmolarity influences the activity of transcription factor NF-kappaB in rat H4IIE hepatoma cells. <i>FEBS Letters</i> , <b>2000</b> , 465, 64-8	3.8	13
112	Glucagon-induced expression of the MAP kinase phosphatase MKP-1 in rat hepatocytes. <i>Gastroenterology</i> , <b>2000</b> , 118, 929-36	13.3	22
111	Successful treatment of hepatitis B virus associated polyarteritis nodosa with a combination of prednisolone, Interferon and lamivudine. <i>Journal of Hepatology</i> , <b>2000</b> , 33, 677-683	13.4	14
110	Hepatic encephalopathy in chronic liver disease: a clinical manifestation of astrocyte swelling and low-grade cerebral edema?. <i>Journal of Hepatology</i> , <b>2000</b> , 32, 1035-8	13.4	355
109	Osmotic regulation of the heat shock response in H4IIE rat hepatoma cells. <i>FASEB Journal</i> , <b>1999</b> , 13, 1557-64	21	

108	Effects of hyper- and hypoosmolality on whole body protein and glucose kinetics in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1999</b> , 276, E188-95	6	39
107	Regulation of bile salt export pump mRNA levels by dexamethasone and osmolality in cultured rat hepatocytes. <i>Biological Chemistry</i> , <b>1999</b> , 380, 1273-9	4.5	41
106	Organic osmolyte transport in quiescent and activated rat hepatic stellate cells (Ito cells). <i>Hepatology</i> , <b>1999</b> , 29, 173-80	11.2	35
105	Release of osmolytes from perfused rat liver on perivascular nerve stimulation: alpha-adrenergic control of osmolyte efflux from parenchymal and nonparenchymal liver cells. <i>Hepatology</i> , <b>1999</b> , 29, 195-204	11.2	15
104	Color doppler sonography avoids misinterpretation of the "parallel channel sign" in the sonographic diagnosis of cholestasis. <i>Journal of Clinical Ultrasound</i> , <b>1999</b> , 27, 426-32	1	4
103	LPS and TNFalpha induce SOCS3 mRNA and inhibit IL-6-induced activation of STAT3 in macrophages. <i>FEBS Letters</i> , <b>1999</b> , 463, 365-70	3.8	161
102	Involvement of p38MAPK in the regulation of proteolysis by liver cell hydration. <i>Gastroenterology</i> , <b>1999</b> , 116, 921-35	13.3	90
101	Regulation of the multidrug resistance protein 2 in the rat liver by lipopolysaccharide and dexamethasone. <i>Gastroenterology</i> , <b>1999</b> , 116, 401-10	13.3	219
100	Involvement of CD95 (Apo-1/Fas) ligand expressed by rat Kupffer cells in hepatic immunoregulation. <i>Gastroenterology</i> , <b>1999</b> , 116, 666-77	13.3	67
99	Osmotic induction of signaling cascades: role in regulation of cell function. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 255, 551-5	3.4	67
98	Value of liver biopsy prior to interferon therapy for chronic viral hepatitis. <i>Digestive Diseases and Sciences</i> , <b>1998</b> , 43, 1562-5	4	19
97	Regulation of CD95 (APO-1/Fas) receptor and ligand expression by lipopolysaccharide and dexamethasone in parenchymal and nonparenchymal rat liver cells. <i>Hepatology</i> , <b>1998</b> , 27, 200-8	11.2	83
96	Compatible organic osmolytes in rat liver sinusoidal endothelial cells. <i>Hepatology</i> , <b>1998</b> , 27, 569-75	11.2	56
95	Betaine as an osmolyte in rat liver: metabolism and cell-to-cell interactions. <i>Hepatology</i> , <b>1998</b> , 27, 787-93	11.2	36
94	Osmotic regulation of the heat shock response in primary rat hepatocytes. <i>Hepatology</i> , <b>1998</b> , 28, 774-81	11.2	47
93	Activation of rat hepatic stellate cells in culture is associated with increased sensitivity to endothelin 1. <i>Hepatology</i> , <b>1998</b> , 28, 1566-77	11.2	48
92	Prognosis of chronic hepatitis C: results of a large, prospective cohort study. <i>Hepatology</i> , <b>1998</b> , 28, 1687-95	11.2	466
91	Bumetanide-sensitive cell swelling mediates the inhibitory effect of ethanol on proteolysis in rat liver. <i>Gastroenterology</i> , <b>1998</b> , 114, 1046-53	13.3	27

90	Hepatic glutamine transport and metabolism. <i>Advances in Enzymology and Related Areas of Molecular Biology</i> , <b>1998</b> , 72, 43-86		30
89	De novo expression of glutamine synthetase during transformation of hepatic stellate cells into myofibroblast-like cells. <i>Biochemical Journal</i> , <b>1998</b> , 335 ( Pt 3), 697-700	3.8	26
88	Functional significance of cell volume regulatory mechanisms. <i>Physiological Reviews</i> , <b>1998</b> , 78, 247-306	47.9	1547
87	Osmoregulated taurine transport in H4IIE hepatoma cells and perfused rat liver. <i>Biochemical Journal</i> , <b>1997</b> , 321 ( Pt 3), 683-90	3.8	72
86	myo-Inositol is an osmolyte in rat liver macrophages (Kupffer cells) but not in RAW 264.7 mouse macrophages. <i>Biochemical Journal</i> , <b>1997</b> , 326 ( Pt 1), 289-95	3.8	28
85	Osmosignalling in C6 glioma cells. <i>FEBS Letters</i> , <b>1997</b> , 400, 163-7	3.8	46
84	Taurine is an osmolyte in rat liver macrophages (Kupffer cells). <i>Journal of Hepatology</i> , <b>1997</b> , 26, 1340-7	13.4	52
83	Leukotriene-evoked cyclic chloride secretion is mediated by enteric neuronal modulation in guinea-pig colon. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1997</b> , 355, 625-30	3.4	13
82	Characterization of the hypo-osmolarity-induced Ca <sup>2+</sup> response in cultured rat astrocytes. <i>Glia</i> , <b>1997</b> , 20, 51-58	9	48
81	Chapter 7 Cell volume regulation. <i>Principles of Medical Biology</i> , <b>1996</b> , 4, 187-209		
80	The role of cellular hydration in the regulation of cell function. <i>Biochemical Journal</i> , <b>1996</b> , 313 ( Pt 3), 697-710	3.8	457
79	Modulation of phagocytosis by anisoosmolarity and betaine in rat liver macrophages (Kupffer cells) and RAW 264.7 mouse macrophages. <i>FEBS Letters</i> , <b>1996</b> , 391, 287-92	3.8	32
78	Modulation of tumor necrosis factor-alpha release by anisoosmolarity and betaine in rat liver macrophages (Kupffer cells). <i>FEBS Letters</i> , <b>1996</b> , 391, 293-6	3.8	33
77	Regulation der Zellfunktion durch den Hydratationszustand. <i>Die Naturwissenschaften</i> , <b>1996</b> , 83, 264-271	2	9
76	Characterization of phloretin-sensitive urea export from the perfused rat liver. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1996</b> , 377, 25-37		3
75	Anisoosmotic regulation of hepatic gene expression. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1996</b> , 377, 57-65		28
74	Regulation of vesicular pH in liver macrophages and parenchymal cells by ammonia and anisotonicity as assessed by fluorescein isothiocyanate-dextran fluorescence. <i>Biochemical Journal</i> , <b>1996</b> , 315 ( Pt 2), 385-92	3.8	19
73	Calcium-dependent activation of Erk-1 and Erk-2 after hypo-osmotic astrocyte swelling. <i>Biochemical Journal</i> , <b>1996</b> , 320 ( Pt 1), 167-71	3.8	98

72	Long-term follow-up of HBeAg-positive patients treated with interferon alfa for chronic hepatitis B. <i>New England Journal of Medicine</i> , <b>1996</b> , 334, 1422-7	59.2	694
71	Betaine is an osmolyte in RAW 264.7 mouse macrophages. <i>FEBS Letters</i> , <b>1995</b> , 377, 47-50	3.8	26
70	Cell volume and hepatocellular function. <i>Journal of Hepatology</i> , <b>1995</b> , 22, 94-100	13.4	28
69	Effects of urea on K <sup>+</sup> fluxes and cell volume in perfused rat liver. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1994</b> , 428, 552-60	4.6	15
68	Endotoxin-induced nitric oxide synthesis in the perfused rat liver: effects of L-arginine and ammonium chloride. <i>Hepatology</i> , <b>1994</b> , 19, 641-7	11.2	27
67	Effects of anisotonic exposure on duck hepatitis B virus replication. <i>Hepatology</i> , <b>1994</b> , 20, 1-7	11.2	38
66	Alkalinization of acidic cellular compartments following cell swelling. <i>FEBS Letters</i> , <b>1994</b> , 338, 27-30	3.8	28
65	Increase of c-jun mRNA upon hypo-osmotic cell swelling of rat hepatoma cells. <i>FEBS Letters</i> , <b>1994</b> , 340, 163-6	3.8	42
64	Proton magnetic resonance spectroscopy studies on human brain myo-inositol in hypo-osmolarity and hepatic encephalopathy. <i>Gastroenterology</i> , <b>1994</b> , 107, 1475-80	13.3	349
63	Effect of hepatocyte swelling on microtubule stability and tubulin mRNA levels. <i>Biochemistry and Cell Biology</i> , <b>1994</b> , 72, 12-9	3.6	49
62	Control of liver cell function by the hydration state. <i>Biochemical Society Transactions</i> , <b>1994</b> , 22, 497-502	5.1	19
61	Lysosomal pH: a link between cell volume and metabolism. <i>Biochemical Society Transactions</i> , <b>1994</b> , 22, 502-5	5.1	19
60	Role of the cellular hydration state for cellular function: physiological and pathophysiological aspects. <i>Advances in Experimental Medicine and Biology</i> , <b>1994</b> , 368, 33-44	3.6	5
59	Structural reaction pattern of hepatocytes following exposure to hypotonicity. <i>Journal of Cellular Physiology</i> , <b>1993</b> , 154, 248-53	7	23
58	Hydroperoxide metabolism in rat liver. K <sup>+</sup> channel activation, cell volume changes and eicosanoid formation. <i>FEBS Journal</i> , <b>1993</b> , 211, 449-58		44
57	Anisoosmotic liver perfusion: redox shifts and modulation of alpha-ketoisocaproate and glycine metabolism. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1992</b> , 373, 723-34		11
56	Cell volume and hormone action. <i>Trends in Pharmacological Sciences</i> , <b>1992</b> , 13, 371-3	13.2	119
55	Hepatocyte swelling leads to rapid decrease of the G-/total actin ratio and increases actin mRNA levels. <i>FEBS Letters</i> , <b>1992</b> , 311, 241-5	3.8	72

54	Hepatocyte heterogeneity in the metabolism of amino acids and ammonia. <i>Enzyme</i> , <b>1992</b> , 46, 72-93		176
53	Effect of anisotonic cell-volume modulation on glutathione-S-conjugate release, t-butylhydroperoxide metabolism and the pentose-phosphate shunt in perfused rat liver. <i>FEBS Journal</i> , <b>1992</b> , 209, 437-44		50
52	Amino Acid Transport in Liver <b>1992</b> , 133-148		5
51	Cell volume in the regulation of hepatic function: a mechanism for metabolic control. <i>BBA - Biomembranes</i> , <b>1991</b> , 1071, 331-50		174
50	Hepatocyte heterogeneity in uptake and metabolism of malate and related dicarboxylates in perfused rat liver. <i>FEBS Journal</i> , <b>1991</b> , 195, 121-9		16
49	Control of hepatic proteolysis by amino acids. The role of cell volume. <i>FEBS Journal</i> , <b>1991</b> , 197, 717-24		69
48	Role of eicosanoids, inositol phosphates and extracellular Ca <sup>2+</sup> in cell-volume regulation of rat liver. <i>FEBS Journal</i> , <b>1991</b> , 198, 73-83		31
47	Inhibition of hepatic proteolysis by insulin. Role of hormone-induced alterations of the cellular K <sup>+</sup> balance. <i>FEBS Journal</i> , <b>1991</b> , 199, 467-74		37
46	Functional hepatocyte heterogeneity in glutamate, aspartate and $\alpha$ -ketoglutarate uptake: A histoautoradiographical study. <i>Hepatology</i> , <b>1991</b> , 13, 247-253	11.2	73
45	Hepatorenal reflex regulating kidney function. <i>Hepatology</i> , <b>1991</b> , 14, 590-594	11.2	103
44	Modification of liver cell volume by insulin and glucagon. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1991</b> , 418, 519-21	4.6	46
43	A non-invasive technique for cell volume determination in perfused rat liver. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1991</b> , 372, 411-8		38
42	Cell volume is a major determinant of proteolysis control in liver. <i>FEBS Letters</i> , <b>1991</b> , 283, 70-2	3.8	62
41	Hepatorenal reflex regulating kidney function. <i>Hepatology</i> , <b>1991</b> , 14, 590-4	11.2	22
40	Interactions between glutamine metabolism and cell-volume regulation in perfused rat liver. <i>FEBS Journal</i> , <b>1990</b> , 188, 689-95		82
39	Control of hepatic nitrogen metabolism and glutathione release by cell volume regulatory mechanisms. <i>FEBS Journal</i> , <b>1990</b> , 193, 891-8		47
38	Volume regulation in liver: further characterization by inhibitors and ionic substitutions. <i>Hepatology</i> , <b>1990</b> , 11, 243-54	11.2	80
37	Hypoxia and CCL <sub>4</sub> -induced liver injury, but not acidosis, impair metabolism of cysteinyl leukotrienes in perfused rat liver. <i>Hepatology</i> , <b>1990</b> , 11, 866-73	11.2	7

36	Cell volume regulatory responses of isolated perfused rat liver. The effect of amino acids. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1990</b> , 371, 493-501		42
35	Liver glutamine metabolism. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>1990</b> , 14, 56S-62S	4.2	27
34	Nitrogen metabolism in normal and cirrhotic liver. <i>Advances in Experimental Medicine and Biology</i> , <b>1990</b> , 272, 47-64	3.6	12
33	Metabolism of cysteinyl leukotrienes in non-recirculating rat liver perfusion. Hepatocyte heterogeneity in uptake and biliary excretion. <i>FEBS Journal</i> , <b>1989</b> , 181, 115-24		27
32	Functional hepatocyte heterogeneity. Vascular 2-oxoglutarate is almost exclusively taken up by perivenous, glutamine-synthetase-containing hepatocytes. <i>FEBS Journal</i> , <b>1989</b> , 181, 709-16		37
31	Hepatocyte heterogeneity in glutamate metabolism and bidirectional transport in perfused rat liver. <i>FEBS Journal</i> , <b>1989</b> , 185, 189-95		37
30	Water, K <sup>+</sup> , H <sup>+</sup> , lactate and glucose fluxes during cell volume regulation in perfused rat liver. <i>Pflügers Archiv European Journal of Physiology</i> , <b>1989</b> , 413, 209-16	4.6	100
29	Regulation of hepatic metabolism by extracellular nucleotides and eicosanoids. The role of cell heterogeneity. <i>Journal of Hepatology</i> , <b>1989</b> , 8, 259-66	13.4	20
28	Regulation of hepatic parenchymal and non-parenchymal cell function by the diadenine nucleotides Ap3A and Ap4A. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1989</b> , 1010, 151-9	4.9	31
27	Glutamine metabolism in the liver: overview and current concepts. <i>Metabolism: Clinical and Experimental</i> , <b>1989</b> , 38, 14-7	12.7	66
26	Glutamine and Glutamate Transport in Perfused Liver. <i>Proceedings in Life Sciences</i> , <b>1989</b> , 157-166		2
25	Cellular Organization of Nitrogen Metabolism <b>1989</b> , 101-114		
24	Hepatocyte heterogeneity in response to icosanoids. The perivenous scavenger cell hypothesis. <i>FEBS Journal</i> , <b>1988</b> , 175, 395-403		37
23	Overestimation of serum concentrations of gamma-aminobutyric acid in patients with hepatic encephalopathy by the gamma-aminobutyric acid-radioreceptor assay. <i>Hepatology</i> , <b>1988</b> , 8, 69-72	11.2	23
22	Hepatic sublobular synthesis of urea: control by oxygen or by pH gradient?. <i>Hepatology</i> , <b>1988</b> , 8, 184-6	11.2	5
21	Acinar Compartmentation of Amino Acid and Ammonia Metabolism and Its Functional Significance <b>1988</b> , 581-589		
20	Prostaglandin responses in isolated perfused rat liver: Ca <sup>2+</sup> and K <sup>+</sup> fluxes, hemodynamic and metabolic effects. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1987</b> , 368, 1509-13		42
19	pH balance: responses to Halperin et al.. <i>Trends in Biochemical Sciences</i> , <b>1987</b> , 12, 179	10.3	1



18	Perivascular nerve stimulation and phenylephrine responses in rat liver. Metabolic effects, Ca <sup>2+</sup> and K <sup>+</sup> fluxes. <i>FEBS Journal</i> , <b>1987</b> , 163, 197-203		43
17	pH control of hepatic glutamine degradation. Role of transport. <i>FEBS Journal</i> , <b>1987</b> , 166, 483-8		38
16	Hepatocyte heterogeneity in response to extracellular ATP. <i>FEBS Journal</i> , <b>1987</b> , 169, 645-50		45
15	Urea synthesis and CO <sub>2</sub> /HCO <sub>3</sub> <sup>-</sup> compartmentation in isolated perfused rat liver. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1986</b> , 367, 741-50		14
14	Liver carbonic anhydrase and urea synthesis. The effect of diuretics. <i>Biochemical Pharmacology</i> , <b>1986</b> , 35, 3317-22	6	35
13	Regulation of hepatic ammonia metabolism: the intercellular glutamine cycle. <i>Advances in Enzyme Regulation</i> , <b>1986</b> , 25, 159-80		63
12	Metabolism of Amino Acids and Ammonia <b>1986</b> , 253-291		11
11	Hepatic urea synthesis and pH regulation. Role of CO <sub>2</sub> , HCO <sub>3</sub> <sup>-</sup> , pH and the activity of carbonic anhydrase. <i>FEBS Journal</i> , <b>1985</b> , 152, 381-6		82
10	Role of plasma membrane transport in hepatic glutamine metabolism. <i>FEBS Journal</i> , <b>1985</b> , 152, 597-603		79
9	Functional hepatocyte heterogeneity in ammonia metabolism. The intercellular glutamine cycle. <i>Journal of Hepatology</i> , <b>1985</b> , 1, 3-14	13.4	92
8	Hepatocyte heterogeneity in ammonia metabolism: impairment of glutamine synthesis in CCl <sub>4</sub> induced liver cell necrosis with no effect on urea synthesis. <i>Chemico-Biological Interactions</i> , <b>1984</b> , 48, 191-4	5	68
7	Regulation of hepatic glutamate metabolism. Role of 2-oxoacids in glutamate release from isolated perfused rat liver. <i>FEBS Journal</i> , <b>1984</b> , 143, 491-7		31
6	Hepatic role in pH regulation: role of the intercellular glutamine cycle. <i>Trends in Biochemical Sciences</i> , <b>1984</b> , 9, 300-302	10.3	90
5	Hepatocyte heterogeneity in glutamine and ammonia metabolism and the role of an intercellular glutamine cycle during ureogenesis in perfused rat liver. <i>FEBS Journal</i> , <b>1983</b> , 133, 269-75		253
4	Hepatocyte heterogeneity in glutamate uptake by isolated perfused rat liver. <i>FEBS Journal</i> , <b>1983</b> , 136, 421-5		79
3	The role of pH and the lack of a requirement for hydorgencarbonate in the regulation of hepatic glutamine metabolism. <i>Hoppe-Seyler's Zeitschrift Für Physiologische Chemie</i> , <b>1980</b> , 361, 995-101		36
2	Activation of pyruvate dehydrogenase during metabolism of ammonium ions in hemoglobin-free perfused rat liver. <i>FEBS Journal</i> , <b>1975</b> , 52, 421-31		82
1	Mitochondrial nicotinamide nucleotide systems: ammonium chloride responses and associated metabolic transitions in hemoglobin-free perfused rat liver. <i>Biological Chemistry</i> , <b>1974</b> , 355, 305-20	4.5	50

