Ewa C Ellis

List of Publications by Year
in descending order

121 papers	7,529 citations	71102 41 h-index	54911 84 g-index
130 all docs	130 docs citations	130 times ranked	10810 citing authors

#	Article	IF	Citations
1	Mucosalâ€associated invariant Tâ€cell tumor infiltration predicts longâ€term survival in cholangiocarcinoma. Hepatology, 2022, 75, 1154-1168.	7.3	14
2	Procurement and Evaluation of Hepatocytes for Transplantation From Neonatal Donors After Circulatory Death. Cell Transplantation, 2022, 31, 096368972110699.	2.5	3
3	Brain integrity is altered by hepatic APOE Îµ4 in humanized-liver mice. Molecular Psychiatry, 2022, 27, 3533-3543.	7.9	22
4	Gene Editing Correction of a Urea Cycle Defect in Organoid Stem Cell Derived Hepatocyte-like Cells. International Journal of Molecular Sciences, 2021, 22, 1217.	4.1	15
5	DUCT reveals architectural mechanisms contributing to bile duct recovery in a mouse model for Alagille syndrome. ELife, 2021, 10, .	6.0	9
6	Correction of a urea cycle defect after exÂvivo gene editing of human hepatocytes. Molecular Therapy, 2021, 29, 1903-1917.	8.2	12
7	A biliary immune landscape map of primary sclerosing cholangitis reveals a dominant network of neutrophils and tissue-resident T cells. Science Translational Medicine, 2021, 13, .	12.4	31
8	Disorganization and degeneration of liver sympathetic innervations in nonalcoholic fatty liver disease revealed by 3D imaging. Science Advances, 2021, 7, .	10.3	29
9	Hepatic miR-144 Drives Fumarase Activity Preventing NRF2 Activation During Obesity. Gastroenterology, 2021, 161, 1982-1997.e11.	1.3	34
10	Spatial Transcriptomics to define transcriptional patterns of zonation and structural components in the mouse liver. Nature Communications, 2021, 12, 7046.	12.8	71
11	Diiodothyronines regulate metabolic homeostasis in primary human hepatocytes by modulating mTORC1 and mTORC2 activity. Molecular and Cellular Endocrinology, 2020, 499, 110604.	3.2	5
12	Blood Group Antigen Expression in Isolated Human Liver Cells in Preparation for Implementing Clinical ABO-Incompatible Hepatocyte Transplantation. Journal of Clinical and Experimental Hepatology, 2020, 10, 106-113.	0.9	6
13	Lipidomic analysis of human primary hepatocytes following LXR activation with GW3965 identifies AGXT2L1 as a main target associated to changes in phosphatidylethanolamine. Journal of Steroid Biochemistry and Molecular Biology, 2020, 198, 105558.	2.5	6
14	Insights From Liverâ€Humanized Mice on Cholesterol Lipoprotein Metabolism and LXRâ€Agonist Pharmacodynamics in Humans. Hepatology, 2020, 72, 656-670.	7.3	23
15	Liver macrophages inhibit the endogenous antioxidant response in obesity-associated insulin resistance. Science Translational Medicine, 2020, 12, .	12.4	43
16	Aging and Caloric Restriction Modulate the DNA Methylation Profile of the Ribosomal RNA Locus in Human and Rat Liver. Nutrients, 2020, 12, 277.	4.1	12
17	Regulation of bile acid metabolism in biliary atresia: reduction of FGF19 by Kasai portoenterostomy and possible relation to early outcome. Journal of Internal Medicine, 2020, 287, 534-545.	6.0	12
18	Systemic modified messenger RNA for replacement therapy in alpha 1-antitrypsin deficiency. Scientific Reports, 2020, 10, 7052.	3.3	31

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19	Chenodeoxycholic Acid Modulates Bile Acid Synthesis Independent of Fibroblast Growth Factor 19 in Primary Human Hepatocytes. Frontiers in Endocrinology, 2020, 11, 554922.	3.5	6
20	Molecular Aging of Human Liver: An Epigenetic/Transcriptomic Signature. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1-8.	3.6	23
21	Imbalance of Genes Encoding Natural Killer Immunoglobulin-Like Receptors and Human Leukocyte Antigen in Patients With Biliary Cancer. Gastroenterology, 2019, 157, 1067-1080.e9.	1.3	19
22	FRI-427-Liver humanized mouse as models for human metabolic liver diseases. Journal of Hepatology, 2019, 70, e582.	3.7	0
23	Guide to the Assessment of Mature Liver Gene Expression in Stem Cell-Derived Hepatocytes. Stem Cells and Development, 2019, 28, 907-919.	2.1	46
24	Liver macrophages regulate systemic metabolism through non-inflammatory factors. Nature Metabolism, 2019, 1, 445-459.	11.9	72
25	A liverâ€humanized mouse model of carbamoyl phosphate synthetase 1â€deficiency. Journal of Inherited Metabolic Disease, 2019, 42, 1054-1063.	3.6	13
26	22: Human Hepatocyte Spheroids Show Plasticity-enabling Extended Culture and Pretransplant Conditioning. Transplantation, 2019, 103, S5-S5.	1.0	0
27	Characterisation of the NRF2 transcriptional network and its response to chemical insult in primary human hepatocytes: implications for prediction of drug-induced liver injury. Archives of Toxicology, 2019, 93, 385-399.	4.2	23
28	Mouse Model of Alagille Syndrome and Mechanisms of Jagged1 Missense Mutations. Gastroenterology, 2018, 154, 1080-1095.	1.3	92
29	Circulating Fibroblast Growth Factor 19 in Portal and Systemic Blood. Journal of Clinical and Experimental Hepatology, 2018, 8, 162-168.	0.9	9
30	Effect of the Isolation Procedure and Inflammatory Cytokines on Blood Group Antigen Expression on Human Hepatocytes in Preparation for Investigating ABO-Incompatible Hepatocyte Transplantation. Transplantation, 2018, 102, S233.	1.0	0
31	Serial Assessment of Growth Factors Associated with Liver Regeneration in Patients Operated with Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy. European Surgical Research, 2018, 59, 72-82.	1.3	13
32	Composition and functionality of the intrahepatic innate lymphoid cellâ€compartment in human nonfibrotic and fibrotic livers. European Journal of Immunology, 2017, 47, 1280-1294.	2.9	61
33	Exogenous alpha 1-antitrypsin down-regulates SERPINA1 expression. PLoS ONE, 2017, 12, e0177279.	2.5	12
34	Changes in gluconeogenesis and intracellular lipid accumulation characterize uremic human hepatocytes ex vivo. American Journal of Physiology - Renal Physiology, 2016, 310, G952-G961.	3.4	3
35	Characterization of primary human hepatocyte spheroids as a model system for drug-induced liver injury, liver function and disease. Scientific Reports, 2016, 6, 25187.	3.3	502
36	Sequential expression of liver regenerative plasma markers in patients operated with ALPPS. Hpb, 2016, 18, e700.	0.3	0

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37	De Novo Donor-Specific HLA Antibody Formation in Two Patients With Crigler-Najjar Syndrome Type I Following Human Hepatocyte Transplantation With Partial Hepatectomy Preconditioning. American Journal of Transplantation, 2016, 16, 1021-1030.	4.7	57
38	Massive rearrangements of cellular MicroRNA signatures are key drivers of hepatocyte dedifferentiation. Hepatology, 2016, 64, 1743-1756.	7.3	100
39	502 FGF19 and Bile Acids in Portal and Systemic Serum. Gastroenterology, 2016, 150, S1036.	1.3	0
40	Addition of Dexamethasone Alters the Bile Acid Composition by Inducing CYP8B1 in Primary Cultures of Human Hepatocytes. Journal of Clinical and Experimental Hepatology, 2016, 6, 87-93.	0.9	19
41	Maintenance of Hepatic Functions in Primary Human Hepatocytes Cultured on Xeno-Free and Chemical Defined Human Recombinant Laminins. PLoS ONE, 2016, 11, e0161383.	2.5	15
42	Long-Term Culture of Genome-Stable Bipotent Stem Cells from Adult Human Liver. Cell, 2015, 160, 299-312.	28.9	1,166
43	Cutting Edge: Identification and Characterization of Human Intrahepatic CD49a+ NK Cells. Journal of Immunology, 2015, 194, 2467-2471.	0.8	238
44	Brusatol provokes a rapid and transient inhibition of Nrf2 signaling and sensitizes mammalian cells to chemical toxicityâ€"implications for therapeutic targeting of Nrf2. Free Radical Biology and Medicine, 2015, 78, 202-212.	2.9	161
45	Assay of Bile Acid Conjugation and Excretion in Human Hepatocytes. Methods in Molecular Biology, 2015, 1250, 323-331.	0.9	0
46	In Situ Characterization of Intrahepatic Non-Parenchymal Cells in PSC Reveals Phenotypic Patterns Associated with Disease Severity. PLoS ONE, 2014, 9, e105375.	2.5	20
47	Antibody Mediated Rejection After Hepatocyte Transplantation Combined With Partial Hepatectomy in One of Two Patients With Crigler-Najjar Type I.. Transplantation, 2014, 98, 299.	1.0	0
48	Cell Therapy for Liver Disease. , 2014, , 543-564.		0
49	P115 EFFECT OF PURIFIED ALPHA 1-ANTITRYPSIN (AAT) ON EXPRESSION OF AAT IN NORMAL (PIMM) AND AAT DEFICIENT (PIZZ) PRIMARY HUMAN HEPATOCYTES. Journal of Hepatology, 2014, 60, S104.	3.7	0
50	Potency of Individual Bile Acids to Regulate Bile Acid Synthesis and Transport Genes in Primary Human Hepatocyte Cultures. Toxicological Sciences, 2014, 141, 538-546.	3.1	70
51	Hepatocyte Transplantation Ameliorates the Metabolic Abnormality in a Mouse Model of Acute Intermittent Porphyria. Cell Transplantation, 2014, 23, 1153-1162.	2.5	14
52	Strategies for Short-Term Storage of Hepatocytes for Repeated Clinical Infusions. Cell Transplantation, 2014, 23, 1009-1018.	2.5	17
53	Hypothermic Storage of Human Hepatocytes for Transplantation. Cell Transplantation, 2014, 23, 1143-1151.	2.5	28
54	Rapid and Sensitive Assessment of Human Hepatocyte Functions. Cell Transplantation, 2014, 23, 1545-1556.	2.5	39

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55	New potential cell source for hepatocyte transplantation: Discarded livers from metabolic disease liver transplants. Stem Cell Research, 2013, 11, 563-573.	0.7	53
56	Serum Apolipoprotein E as a Marker to Monitor Graft Function After Hepatocyte Transplantation in a Clinically Relevant Mouse Model. Transplantation Proceedings, 2013, 45, 1780-1786.	0.6	3
57	Cell Therapy of Liver Disease. , 2013, , 855-871.		0
58	Impaired postprandial fibroblast growth factor (FGF)-19 response in patients with stage 5 chronic kidney diseases is ameliorated following antioxidative therapy. Nephrology Dialysis Transplantation, 2013, 28, iv212-iv219.	0.7	11
59	Hepatobiliary Disposition of 17-OHPC and Taurocholate in Fetal Human Hepatocytes: A Comparison with Adult Human Hepatocytes. Drug Metabolism and Disposition, 2013, 41, 296-304.	3.3	32
60	Mice with Chimeric Livers Are an Improved Model for Human Lipoprotein Metabolism. PLoS ONE, 2013, 8, e78550.	2.5	45
61	Evaluation of Organic Anion-Transporting Polypeptide 1B1 and CYP3A4 Activities in Primary Human Hepatocytes and HepaRG Cells Cultured in a Dynamic Three-Dimensional Bioreactor System. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 145-156.	2.5	20
62	In Vitro Evaluation of Major In Vivo Drug Metabolic Pathways Using Primary Human Hepatocytes and HepaRG Cells in Suspension and a Dynamic Three-Dimensional Bioreactor System. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 134-144.	2.5	55
63	Development and Application of Purified Tissue Dissociation Enzyme Mixtures for Human Hepatocyte Isolation. Cell Transplantation, 2012, 21, 1245-1260.	2.5	63
64	Serum Apoe as a Reliable Marker to Monitor Graft Function after Hepatocyte Transplantation. Transplantation, 2012, 94, 216.	1.0	0
65	Effects of Pro-Inflammatory Cytokines on Hepatocyte Drug and Ammonia Metabolism. Transplantation, 2012, 94, 1011.	1.0	0
66	Evaluation of Hepatocytes from Explanted-Diseased Livers for Transplantation. Transplantation, 2012, 94, 214.	1.0	0
67	Rapid Assessment of Viability and Function of Human Hepatocytes for Possible Transplantation. Transplantation, 2012, 94, 215.	1.0	0
68	Hepatocyte transplantation for inherited metabolic diseases of the liver. Journal of Internal Medicine, 2012, 272, 201-223.	6.0	102
69	Comparison of Culture Media for Bile Acid Transport Studies in Primary Human Hepatocytes. Journal of Clinical and Experimental Hepatology, 2012, 2, 315-322.	0.9	6
70	Improved cryopreservation of human hepatocytes using a new xeno free cryoprotectant solution. World Journal of Hepatology, 2012, 4, 176.	2.0	21
71	Cell Therapy of Liver Disease: From Hepatocytes to Stem Cells. , 2011, , 305-326.		3
72	Overexpression of cholesterol 7Î±-hydroxylase promotes hepatic bile acid synthesis and secretion and maintains cholesterol homeostasis. Hepatology, 2011, 53, 996-1006.	7.3	194

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73	Hepatic differentiation of amniotic epithelial cells. Hepatology, 2011, 53, 1719-1729.	7.3	128
74	Liver X receptor agonist downregulates growth hormone signaling in the liver. Hormone Molecular Biology and Clinical Investigation, 2011, 8, 471-8.	0.7	6
75	A Novel Bile Acid-Activated Vitamin D Receptor Signaling in Human Hepatocytes. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2008-2008.	3.6	0
76	GPS2-dependent corepressor/SUMO pathways govern anti-inflammatory actions of LRH-1 and LXRÎ² in the hepatic acute phase response. Genes and Development, 2010, 24, 381-395.	5.9	162
77	Metabolism of 17Î±-Hydroxyprogesterone Caproate, an Agent for Preventing Preterm Birth, by Fetal Hepatocytes. Drug Metabolism and Disposition, 2010, 38, 723-727.	3.3	21
78	The HumanADFPGene Is a Direct Liver-X-Receptor (LXR) Target Gene and Differentially Regulated by Synthetic LXR Ligands. Molecular Pharmacology, 2010, 77, 79-86.	2.3	13
79	A Novel Bile Acid-Activated Vitamin D Receptor Signaling in Human Hepatocytes. Molecular Endocrinology, 2010, 24, 1151-1164.	3.7	111
80	ATPase Class I Type 8B Member 1 and Protein Kinase C Î¶ Induce the Expression of the Canalicular Bile Salt Export Pump in Human Hepatocytes. Pediatric Research, 2010, 67, 183-187.	2.3	26
81	Isolation of Amniotic Mesenchymal Stem Cells. , 2010, Chapter 1, Unit 1E.5.		58
82	Isolation of Amniotic Epithelial Stem Cells. Current Protocols in Stem Cell Biology, 2010, 12, Unit 1E.3.	3.0	103
83	The Use of Human Hepatocytes to Investigate Bile Acid Synthesis. Methods in Molecular Biology, 2010, 640, 417-430.	0.9	6
84	Hepatocyte Transplantation Improves Phenotype and Extends Survival in a Murine Model of Intermediate Maple Syrup Urine Disease. Molecular Therapy, 2009, 17, 1266-1273.	8.2	30
85	Bile acid signaling pathways increase stability of Small Heterodimer Partner (SHP) by inhibiting ubiquitinâ€“proteasomal degradation. Genes and Development, 2009, 23, 986-996.	5.9	109
86	Human Pregnane X Receptor Activation and CYP3A4/CYP2B6 Induction by 2,3-Oxidosqualene:Lanosterol Cyclase Inhibition. Drug Metabolism and Disposition, 2009, 37, 900-908.	3.3	13
87	Differentiation and Transplantation of Human Embryonic Stem Cellâ€“Derived Hepatocytes. Gastroenterology, 2009, 136, 990-999.e4.	1.3	485
88	Production of Hepatocyte-Like Cells from Human Amnion. Methods in Molecular Biology, 2009, 481, 155-168.	0.9	57
89	Long term cultures of primary human hepatocytes as an alternative to drug testing in animals. ALTEX: Alternatives To Animal Experimentation, 2009, 26, 295-302.	1.5	32
90	Identification of Oxysterol 7Î±-Hydroxylase (Cyp7b1) as a Novel Retinoid-Related Orphan Receptor Î± (RORÎ±) (NR1F1) Target Gene and a Functional Cross-Talk between RORÎ± and Liver X Receptor (NR1H3). Molecular Pharmacology, 2008, 73, 891-899.	2.3	88

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91	Hepatocyte Transplantation. , 2008, , 912-927.		0
92	Physiological Differences between Human and Rat Primary Hepatocytes in Response to Liver X Receptor Activation by 3-[3-[N-(2-Chloro-3-trifluoromethylbenzyl)-(2,2-diphenylethyl)amino]propyloxy]phenylacetic Acid Hydrochloride (GW3965). Molecular Pharmacology, 2007, 72, 947-955.	2.3	42
93	Isolation of Amniotic Epithelial Stem Cells. Current Protocols in Stem Cell Biology, 2007, 3, Unit 1E.3.	3.0	47
94	Positive and Negative Regulation of Human Hepatic Hydroxysteroid Sulfotransferase (SULT2A1) Gene Transcription by Rifampicin: Roles of Hepatocyte Nuclear Factor 4Î± and Pregnane X Receptor. Journal of Pharmacology and Experimental Therapeutics, 2007, 323, 586-598.	2.5	60
95	Isolation of Mouse Hepatocytes for Transplantation: A Comparison between Antegrade and Retrograde Liver Perfusion. Cell Transplantation, 2007, 16, 859-865.	2.5	6
96	Ethanol stimulates bile acid formation in primary human hepatocytes. Biochemical and Biophysical Research Communications, 2007, 364, 743-747.	2.1	21
97	Transport, Metabolism, and Hepatotoxicity of Flutamide, Drugâ€“Drug Interaction with Acetaminophen Involving Phase I and Phase II Metabolites. Chemical Research in Toxicology, 2007, 20, 1503-1512.	3.3	28
98	Hepatocyte growth factor signaling pathway inhibits cholesterol 7Î±-hydroxylase and bile acid synthesis in human hepatocytes. Hepatology, 2007, 46, 1993-2002.	7.3	58
99	Robust expansion of human hepatocytes in Fahâ^'/â^'/Rag2â^'/â^'/Il2rgâ^'/â^' mice. Nature Biotechnology, 2007, 25, 903-910.	17.5	729
100	Regulation of CYP3A4 and CYP2B6 expression by liver X receptor agonists. Biochemical Pharmacology, 2007, 74, 1535-1540.	4.4	28
101	Acetaminophen induces a reversible switch from rough to smooth endoplasmatic reticulum and leads to glycogen degradation in human hepatocytes. FASEB Journal, 2007, 21, A189.	0.5	0
102	Successful treatment of severe unconjugated hyperbilirubinemia via induction of UGT1A1 by rifampicin. Journal of Hepatology, 2006, 44, 243-245.	3.7	32
103	Present status and perspectives of cell-based therapies for liver diseases. Journal of Hepatology, 2006, 45, 144-159.	3.7	183
104	Hepatocyte Transplantation: Clinical Experience and Potential for Future Use. Cell Transplantation, 2006, 15, 105-110.	2.5	98
105	Bigger may not be better when it comes to hepatocytes. Liver Transplantation, 2006, 12, 16-18.	2.4	7
106	Insulin Regulation of Cholesterol 7Î±-Hydroxylase Expression in Human Hepatocytes. Journal of Biological Chemistry, 2006, 281, 28745-28754.	3.4	77
107	Suppression of bile acid synthesis by thyroid hormone in primary human hepatocytes. World Journal of Gastroenterology, 2006, 12, 4640.	3.3	32
108	Feedback regulation of bile acid synthesis in human liver: Importance of HNF-4Î± for regulation of CYP7A1. Biochemical and Biophysical Research Communications, 2005, 330, 395-399.	2.1	46

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109	Marked induction of sterol 27-hydroxylase activity and mRNA levels during differentiation of human cultured monocytes into macrophages. Biochimica Et Biophysica Acta - Molecular Cell Research, 2003, 1593, 283-289.	4.1	28
110	Feedback regulation of bile acid synthesis in primary human hepatocytes: Evidence that CDCA is the strongest inhibitor. Hepatology, 2003, 38, 930-938.	7.3	81
111	Feedback regulation of bile acid synthesis in primary human hepatocytes evidence that CDCA is the strongest inhibitor. Gastroenterology, 2003, 124, A730.	1.3	0
112	Feedback regulation of bile acid synthesis in primary human hepatocytes: Evidence that CDCA is the strongest inhibitor. Hepatology, 2003, 38, 930-938.	7.3	43
113	Metabolism of 4Î²-Hydroxycholesterol in Humans. Journal of Biological Chemistry, 2002, 277, 31534-31540.	3.4	152
114	GH is a regulator of IGF2 promoter-specific transcription in human liver. Journal of Endocrinology, 2002, 172, 457-465.	2.6	26
115	Primary cultures of human hepatocytes but not HepG2 hepatoblastoma cells are suitable for the study of glycosidic conjugation of bile acids. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2001, 1530, 155-161.	2.4	5
116	From Brain to Bile. Journal of Biological Chemistry, 2001, 276, 37004-37010.	3.4	107
117	Bile acid synthesis in cultured human hepatocytes: support for an alternative biosynthetic pathway to cholic acid. Hepatology, 2000, 31, 1305-1312.	7.3	62
118	Cultured human hepatocytes but not HepG2 are suitable for the study of bile acid conjugation. Gastroenterology, 2000, 118, A999.	1.3	0
119	Cultured human hepatocytes but not HEPG2 are suitable for the study of bile acid conjugation. Journal of Hepatology, 2000, 32, 124.	3.7	0
120	Bile acid formation in primary human hepatocytes. World Journal of Gastroenterology, 2000, 6, 522-525.	3.3	25
121	Bile acid synthesis in primary cultures of rat and human hepatocytes. Hepatology, 1998, 27, 615-620.	7.3	46