

# Stuart Forbes

## List of Publications by Year in descending order

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Version: 2024-02-01

135  
papers

15,499  
citations

23567

58  
h-index

17592

121  
g-index

152  
all docs

152  
docs citations

152  
times ranked

16906  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deletion of kif3a in CK19 positive cells leads to primary cilia loss, biliary cell proliferation and cystic liver lesions in TAA-treated mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166335.	3.8	5
2	Human biliary epithelial cells from discarded donor livers rescue bile duct structure and function in a mouse model of biliary disease. <i>Cell Stem Cell</i> , 2022, 29, 355-371.e10.	11.1	19
3	Cell origin and niche availability dictate the capacity of peritoneal macrophages to colonize the cavity and omentum. <i>Immunology</i> , 2022, 166, 458-474.	4.4	9
4	Hypoxia shapes the immune landscape in lung injury and promotes the persistence of inflammation. <i>Nature Immunology</i> , 2022, 23, 927-939.	14.5	21
5	Combination of G-CSF and a TLR4 inhibitor reduce inflammation and promote regeneration in a mouse model of ACLF. <i>Journal of Hepatology</i> , 2022, 77, 1325-1338.	3.7	31
6	Regional Differences in Human Biliary Tissues and Corresponding In Vitroâ€Derived Organoids. <i>Hepatology</i> , 2021, 73, 247-267.	7.3	61
7	TWEAK/Fn14 signalling promotes cholangiocarcinoma niche formation and progression. <i>Journal of Hepatology</i> , 2021, 74, 860-872.	3.7	40
8	Cell therapy for advanced liver diseases: Repair or rebuild. <i>Journal of Hepatology</i> , 2021, 74, 185-199.	3.7	63
9	Cellular Senescence in Liver Disease and Regeneration. <i>Seminars in Liver Disease</i> , 2021, 41, 050-066.	3.6	26
10	Fibroblast growth factor 7 releasing particles enhance islet engraftment and improve metabolic control following islet transplantation in mice with diabetes. <i>American Journal of Transplantation</i> , 2021, 21, 2950-2963.	4.7	12
11	Response differences of HepG2 and Primary Mouse Hepatocytes to morphological changes in electrospun PCL scaffolds. <i>Scientific Reports</i> , 2021, 11, 3059.	3.3	8
12	Recruited macrophages that colonize the post-inflammatory peritoneal niche convert into functionally divergent resident cells. <i>Nature Communications</i> , 2021, 12, 1770.	12.8	58
13	Cellular senescence inhibits renal regeneration after injury in mice, with senolytic treatment promoting repair. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	83
14	Inhibition of nuclear factor (erythroid-derived 2)-like 2 promotes hepatic progenitor cell activation and differentiation. <i>Npj Regenerative Medicine</i> , 2021, 6, 28.	5.2	14
15	Building consensus on definition and nomenclature of hepatic, pancreatic, and biliary organoids. <i>Cell Stem Cell</i> , 2021, 28, 816-832.	11.1	133
16	Dimethyl fumarate reduces hepatocyte senescence following paracetamol exposure. <i>IScience</i> , 2021, 24, 102552.	4.1	9
17	Notch-IGF1 signaling during liver regeneration drives biliary epithelial cell expansion and inhibits hepatocyte differentiation. <i>Science Signaling</i> , 2021, 14, .	3.6	17
18	Noninvasive Detection of Ischemic Vascular Damage in a Pig Model of Liver Donation After Circulatory Death. <i>Hepatology</i> , 2021, 74, 428-443.	7.3	7

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19	Liver regeneration and inflammation: from fundamental science to clinical applications. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 608-624.	37.0	122
20	Pharmacological Activation of Nrf2 Enhances Functional Liver Regeneration. <i>Hepatology</i> , 2021, 74, 973-986.	7.3	29
21	REPLY:. <i>Hepatology</i> , 2021, 74, 2310-2311.	7.3	0
22	Downregulation of TGR5 (GPBAR1) in biliary epithelial cells contributes to the pathogenesis of sclerosing cholangitis. <i>Journal of Hepatology</i> , 2021, 75, 634-646.	3.7	51
23	Study protocol: a multicentre, open-label, parallel-group, phase 2, randomised controlled trial of autologous macrophage therapy for liver cirrhosis (MATCH). <i>BMJ Open</i> , 2021, 11, e053190.	1.9	14
24	Peribiliary Gland Niche Participates in Biliary Tree Regeneration in Mouse and in Human Primary Sclerosing Cholangitis. <i>Hepatology</i> , 2020, 71, 972-989.	7.3	40
25	Modulation of Biliary Cancer Chemo-Resistance Through MicroRNA-Mediated Rewiring of the Expansion of CD133+ Cells. <i>Hepatology</i> , 2020, 72, 982-996.	7.3	30
26	Epithelial Plasticity during Liver Injury and Regeneration. <i>Cell Stem Cell</i> , 2020, 27, 557-573.	11.1	72
27	A blueprint for translational regenerative medicine. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	24
28	TFEB regulates murine liver cell fate during development and regeneration. <i>Nature Communications</i> , 2020, 11, 2461.	12.8	32
29	Controlling Electrospun Polymer Morphology for Tissue Engineering Demonstrated Using hepG2 Cell Line. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	10
30	Alternatively activated macrophages promote resolution of necrosis following acute liver injury. <i>Journal of Hepatology</i> , 2020, 73, 349-360.	3.7	97
31	Expansion, in vivo-ex vivo cycling, and genetic manipulation of primary human hepatocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1678-1688.	7.1	41
32	Absolute measurement of the tissue origins of cell-free DNA in the healthy state and following paracetamol overdose. <i>BMC Medical Genomics</i> , 2020, 13, 60.	1.5	10
33	Phenotype instability of hepatocyte-like cells produced by direct reprogramming of mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 154.	5.5	14
34	Macrophages as a Cell-Based Therapy for Liver Disease. <i>Seminars in Liver Disease</i> , 2019, 39, 442-451.	3.6	27
35	Embryonic mesothelial-derived hepatic lineage of quiescent and heterogenous scar-orchestrating cells defined but suppressed by WT1. <i>Nature Communications</i> , 2019, 10, 4688.	12.8	19
36	Epigenetic remodelling licences adult cholangiocytes for organoid formation and liver regeneration. <i>Nature Cell Biology</i> , 2019, 21, 1321-1333.	10.3	102

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37	Safety profile of autologous macrophage therapy for liver cirrhosis. Nature Medicine, 2019, 25, 1560-1565.	30.7	121
38	An Orally Active Galectin-3 Antagonist Inhibits Lung Adenocarcinoma Growth and Augments Response to PD-L1 Blockade. Cancer Research, 2019, 79, 1480-1492.	0.9	87
39	Beneficial Noncancerous Mutations in Liver Disease. Trends in Genetics, 2019, 35, 475-477.	6.7	3
40	Blended electrospinning with human liver extracellular matrix for engineering new hepatic microenvironments. Scientific Reports, 2019, 9, 6293.	3.3	71
41	Biliary-derived hepatocytes in chronic liver injury: Bringing new troops to the battlefield?. Journal of Hepatology, 2019, 70, 1051-1053.	3.7	3
42	OTH-10...Therapeutic interleukin 4 modulates monocyte dynamics and accelerates repair following acute liver injury. , 2019, , .		0
43	Quantifying changes in innate immune function following liver transplantation for chronic liver disease. Hpb, 2019, 21, 1322-1326.	0.3	2
44	Hepatocyte-specific $\beta$ -Catenin Deletion During Severe Liver Injury Provokes Cholangiocytes to Differentiate Into Hepatocytes. Hepatology, 2019, 69, 742-759.	7.3	102
45	Mesenchymal Stem Cells and Induced Bone Marrow-Derived Macrophages Synergistically Improve Liver Fibrosis in Mice. Stem Cells Translational Medicine, 2019, 8, 271-284.	3.3	102
46	Cellular Plasticity in Liver Regeneration: Spotlight on Cholangiocytes. Hepatology, 2019, 69, 2286-2289.	7.3	7
47	Paracrine cellular senescence exacerbates biliary injury and impairs regeneration. Nature Communications, 2018, 9, 1020.	12.8	105
48	Haematopoietic stem cells in cirrhosis – Authors' reply. The Lancet Gastroenterology and Hepatology, 2018, 3, 298-299.	8.1	0
49	GADD45 $\beta$ Loss Ablates Innate Immunosuppression in Cancer. Cancer Research, 2018, 78, 1275-1292.	0.9	33
50	11 $\beta$ -Hydroxysteroid dehydrogenase $\alpha$ deficiency or inhibition enhances hepatic myofibroblast activation in murine liver fibrosis. Hepatology, 2018, 67, 2167-2181.	7.3	21
51	The STAT3-IL-10-IL-6 Pathway Is a Novel Regulator of Macrophage Efferocytosis and Phenotypic Conversion in Sterile Liver Injury. Journal of Immunology, 2018, 200, 1169-1187.	0.8	74
52	Studies of macrophage therapy for cirrhosis – From mice to men. Journal of Hepatology, 2018, 68, 1090-1091.	3.7	3
53	Granulocyte colony-stimulating factor and autologous CD133-positive stem-cell therapy in liver cirrhosis (REALISTIC): an open-label, randomised, controlled phase 2 trial. The Lancet Gastroenterology and Hepatology, 2018, 3, 25-36.	8.1	113
54	Telomerase Activity Links to Regenerative Capacity of Hepatocytes. Transplantation, 2018, 102, 1587-1588.	1.0	1

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55	Hepatic progenitors in liver regeneration. <i>Journal of Hepatology</i> , 2018, 69, 1394-1395.	3.7	9
56	The Challenges of First-in-Human Stem Cell Clinical Trials: What Does This Mean for Ethics and Institutional Review Boards?. <i>Stem Cell Reports</i> , 2018, 10, 1429-1431.	4.8	22
57	3D human liver tissue from pluripotent stem cells displays stable phenotype in vitro and supports compromised liver function in vivo. <i>Archives of Toxicology</i> , 2018, 92, 3117-3129.	4.2	89
58	TGF $\beta$ 2 inhibition restores a regenerative response in acute liver injury by suppressing paracrine senescence. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	161
59	Stem Cells and Hepatocyte Transplantation. , 2018, , 84-97.e3.		1
60	Wnt signalling modulates transcribed-ultraconserved regions in hepatobiliary cancers. <i>Gut</i> , 2017, 66, 1268-1277.	12.1	75
61	Functionalized superparamagnetic iron oxide nanoparticles provide highly efficient iron-labeling in macrophages for magnetic resonanceâ€based detection in vivo. <i>Cytotherapy</i> , 2017, 19, 555-569.	0.7	44
62	Milk Fat Globule-EGF Factor 8 for Liver Fibrosis Therapy: Creaming Off the Beneficial Effects of Mesenchymal Stromal Cells. <i>Gastroenterology</i> , 2017, 152, 943-946.	1.3	1
63	Patients with the worst outcomes after paracetamol (acetaminophen)â€induced liver failure have an early monocytopenia. <i>Alimentary Pharmacology and Therapeutics</i> , 2017, 45, 443-454.	3.7	18
64	Raman spectroscopy and regenerative medicine: a review. <i>Npj Regenerative Medicine</i> , 2017, 2, 12.	5.2	147
65	Understanding liver regeneration to bring new insights to the mechanisms driving cholangiocarcinoma. <i>Npj Regenerative Medicine</i> , 2017, 2, 13.	5.2	10
66	Injection of embryonic stem cell derived macrophages ameliorates fibrosis in a murine model of liver injury. <i>Npj Regenerative Medicine</i> , 2017, 2, 14.	5.2	39
67	Cholangiocytes act as facultative liver stem cells during impaired hepatocyte regeneration. <i>Nature</i> , 2017, 547, 350-354.	27.8	405
68	Development, functional characterization and validation of methodology for GMP-compliant manufacture of phagocytic macrophages: A novel cellular therapeutic for liver cirrhosis. <i>Cytotherapy</i> , 2017, 19, 1113-1124.	0.7	32
69	Vasopressin Regulates Extracellular Vesicle Uptake by Kidney Collecting Duct Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3345-3355.	6.1	48
70	The RSPOâ€LGR4/5â€ZNRF3/RNF43 module controls liver zonation and size. <i>Nature Cell Biology</i> , 2016, 18, 467-479.	10.3	253
71	Cholangiocarcinoma: current knowledge and future perspectives consensus statement from the European Network for the Study of Cholangiocarcinoma (ENS-CCA). <i>Nature Reviews Gastroenterology and Hepatology</i> , 2016, 13, 261-280.	17.8	964
72	Notch3 drives development and progression of cholangiocarcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12250-12255.	7.1	68

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73	Reducing Hepatocyte Injury and Necrosis in Response to Paracetamol Using Noncoding RNAs. Stem Cells Translational Medicine, 2016, 5, 764-772.	3.3	36
74	Interleukin-13 Activates Distinct Cellular Pathways Leading to Ductular Reaction, Steatosis, and Fibrosis. Immunity, 2016, 45, 145-158.	14.3	98
75	Liver regeneration " mechanisms and models to clinical application. Nature Reviews Gastroenterology and Hepatology, 2016, 13, 473-485.	17.8	278
76	Polyurethane: Stable Cell Phenotype Requires Plasticity: Polymer Supported Directed Differentiation Reveals a Unique Gene Signature Predicting Stable Hepatocyte Performance (Adv. Healthcare Mater.) Tj ETQq0 0 0 7.8 BT /Overlock 10 Tf	7.8	10
77	Recombinant Laminins Drive the Differentiation and Self-Organization of hESC-Derived Hepatocytes. Stem Cell Reports, 2015, 5, 1250-1262.	4.8	123
78	Polymer Supported Directed Differentiation Reveals a Unique Gene Signature Predicting Stable Hepatocyte Performance. Advanced Healthcare Materials, 2015, 4, 1820-1825.	7.6	20
79	CSF1 Restores Innate Immunity After Liver Injury in Mice and Serum Levels Indicate Outcomes of Patients With Acute Liver Failure. Gastroenterology, 2015, 149, 1896-1909.e14.	1.3	156
80	Hepatic progenitor cells of biliary origin with liver repopulation capacity. Nature Cell Biology, 2015, 17, 971-983.	10.3	374
81	Cell therapy for liver disease: From liver transplantation to cell factory. Journal of Hepatology, 2015, 62, S157-S169.	3.7	242
82	REpeated AutoLogous Infusions of STem cells In Cirrhosis (REALISTIC): a multicentre, phase II, open-label, randomised controlled trial of repeated autologous infusions of granulocyte colony-stimulating factor (GCSF) mobilised CD133+ bone marrow stem cells in patients with cirrhosis. A study protocol for a randomised controlled trial. BMJ Open, 2015, 5, e007700-e007700.	1.9	28
83	Two Fresh Streams to Fill the Liver's Hepatocyte Pool. Cell Stem Cell, 2015, 17, 377-378.	11.1	15
84	Organoid cultures boost human liver cell expansion. Hepatology, 2015, 62, 1635-1637.	7.3	4
85	Phenotypic and functional characterization of macrophages with therapeutic potential generated from human cirrhotic monocytes in a cohort study. Cytotherapy, 2015, 17, 1604-1616.	0.7	50
86	Galectin-3 regulates hepatic progenitor cell expansion during liver injury. Gut, 2015, 64, 312-321.	12.1	48
87	WNT signaling drives cholangiocarcinoma growth and can be pharmacologically inhibited. Journal of Clinical Investigation, 2015, 125, 1269-1285.	8.2	215
88	KrÄppel-Like Factor 4 Overexpression Initiates a Mesenchymal-to-Epithelial Transition and Redifferentiation of Human Pancreatic Cells following Expansion in Long Term Adherent Culture. PLoS ONE, 2015, 10, e0140352.	2.5	8
89	Proteinase Activated Receptor 1 Mediated Fibrosis in a Mouse Model of Liver Injury: A Role for Bone Marrow Derived Macrophages. PLoS ONE, 2014, 9, e86241.	2.5	25
90	Cell Lineage Tracing Reveals a Biliary Origin of Intrahepatic Cholangiocarcinoma. Cancer Research, 2014, 74, 1005-1010.	0.9	106

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91	Links Between Hepatic Fibrosis, Ductular Reaction, and Progenitor Cell Expansion. Gastroenterology, 2014, 146, 349-356.	1.3	256
92	Knocking on the door to successful hepatocyte transplantation. Nature Reviews Gastroenterology and Hepatology, 2014, 11, 277-278.	17.8	14
93	Preparing the ground for tissue regeneration: from mechanism to therapy. Nature Medicine, 2014, 20, 857-869.	30.7	461
94	Recent advances in stem cells and regenerative medicine. QJM - Monthly Journal of the Association of Physicians, 2014, 107, 251-252.	0.5	6
95	Systematic review: the effects of autologous stem cell therapy for patients with liver disease. Alimentary Pharmacology and Therapeutics, 2014, 39, 673-685.	3.7	56
96	Polysialic acid/neural cell adhesion molecule modulates the formation of ductular reactions in liver injury. Hepatology, 2014, 60, 1727-1740.	7.3	40
97	Bone marrow contributions to fibrosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 955-961.	3.8	13
98	Bone marrow injection stimulates hepatic ductular reactions in the absence of injury via macrophage-mediated TWEAK signaling. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6542-6547.	7.1	140
99	Differentiation of progenitors in the liver: a matter of local choice. Journal of Clinical Investigation, 2013, 123, 1867-1873.	8.2	100
100	Clinical Studies of Cell Therapy for Liver Cirrhosis. , 2013, , 233-243.		0
101	Differential Ly-6C expression identifies the recruited macrophage phenotype, which orchestrates the regression of murine liver fibrosis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E3186-95.	7.1	793
102	SUMOylation of HNF4 $\alpha$ regulates protein stability and hepatocyte function. Journal of Cell Science, 2012, 125, 4686-4686.	2.0	2
103	New horizons for stem cell therapy in liver disease. Journal of Hepatology, 2012, 56, 496-499.	3.7	88
104	Macrophage-derived Wnt opposes Notch signaling to specify hepatic progenitor cell fate in chronic liver disease. Nature Medicine, 2012, 18, 572-579.	30.7	624
105	Elastin accumulation is regulated at the level of degradation by macrophage metalloelastase (MMP-12) during experimental liver fibrosis. Hepatology, 2012, 55, 1965-1975.	7.3	158
106	Remodelling of extracellular matrix is a requirement for the hepatic progenitor cell response. Gut, 2011, 60, 525-533.	12.1	91
107	Ly6C <sup>hi</sup> Monocytes Direct Alternatively Activated Profibrotic Macrophage Regulation of Lung Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 569-581.	5.6	383
108	Unbiased screening of polymer libraries to define novel substrates for functional hepatocytes with inducible drug metabolism. Stem Cell Research, 2011, 6, 92-102.	0.7	95

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109	Macrophage therapy for murine liver fibrosis recruits host effector cells improving fibrosis, regeneration, and function. <i>Hepatology</i> , 2011, 53, 2003-2015.	7.3	278
110	Liver fibrogenic cells. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2011, 25, 207-217.	2.4	99
111	Generation of functional human hepatic endoderm from human induced pluripotent stem cells. <i>Hepatology</i> , 2010, 51, 329-335.	7.3	389
112	Practical Barriers to Delivering Autologous Bone Marrow Stem Cell Therapy as an Adjunct to Liver Resection. <i>Stem Cells and Development</i> , 2010, 19, 155-162.	2.1	12
113	Characterisation of a stereotypical cellular and extracellular adult liver progenitor cell niche in rodents and diseased human liver. <i>Gut</i> , 2010, 59, 645-654.	12.1	151
114	Liver Development, Regeneration, and Carcinogenesis. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-8.	3.0	57
115	Side population cells in developing human liver are primarily haematopoietic progenitor cells. <i>Experimental Cell Research</i> , 2009, 315, 2141-2153.	2.6	18
116	Stem cells and liver repair. <i>Current Opinion in Biotechnology</i> , 2009, 20, 568-574.	6.6	52
117	Activation of stem cells in hepatic diseases. <i>Cell and Tissue Research</i> , 2008, 331, 283-300.	2.9	155
118	Stem cell therapy for chronic liver disease choosing the right tools for the job. <i>Gut</i> , 2008, 57, 153-155.	12.1	26
119	Highly efficient differentiation of hESCs to functional hepatic endoderm requires ActivinA and Wnt3a signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12301-12306.	7.1	392
120	Bone marrow stem cells and liver disease. <i>Gut</i> , 2007, 56, 716-724.	12.1	126
121	The Bone Marrow Functionally Contributes to Liver Fibrosis. <i>Gastroenterology</i> , 2006, 130, 1807-1821.	1.3	467
122	The sources of parenchymal regeneration after chronic hepatocellular liver injury in mice. <i>Hepatology</i> , 2006, 43, 316-324.	7.3	132
123	Side population (SP) cells: Taking center stage in regeneration and liver cancer?. <i>Hepatology</i> , 2006, 44, 23-26.	7.3	18
124	Myelomonocytic cells are sufficient for therapeutic cell fusion in the liver. <i>Journal of Hepatology</i> , 2005, 42, 285-286.	3.7	4
125	Selective depletion of macrophages reveals distinct, opposing roles during liver injury and repair. <i>Journal of Clinical Investigation</i> , 2005, 115, 56-65.	8.2	1,237
126	Selective depletion of macrophages reveals distinct, opposing roles during liver injury and repair. <i>Journal of Clinical Investigation</i> , 2005, 115, 56-65.	8.2	845



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127	A significant proportion of myofibroblasts are of bone marrow origin in human liver fibrosis†. Gastroenterology, 2004, 126, 955-963.	1.3	405
128	Multiple Organ Engraftment by Bone-Marrow-Derived Myofibroblasts and Fibroblasts in Bone-Marrow-Transplanted Mice. Stem Cells, 2003, 21, 514-520.	3.2	232
129	Bone marrow derivation of pericryptal myofibroblasts in the mouse and human small intestine and colon. Gut, 2002, 50, 752-757.	12.1	223
130	Hepatic stem cells. Journal of Pathology, 2002, 197, 510-518.	4.5	166
131	An introduction to stem cells. Journal of Pathology, 2002, 197, 419-423.	4.5	209
132	Tri-iodothyronine and a deleted form of hepatocyte growth factor act synergistically to enhance liver proliferation and enable in vivo retroviral gene transfer via the peripheral venous system. Gene Therapy, 2000, 7, 784-789.	4.5	14
133	Synergistic growth factors enhance rat liver proliferation and enable retroviral gene transfer via a peripheral vein. Gastroenterology, 2000, 118, 591-598.	1.3	22
134	Retroviral gene transfer to the liver in vivo during tri-iodothyronine induced hyperplasia. Gene Therapy, 1998, 5, 552-555.	4.5	30
135	Isolation and expansion of the hepatic progenitor cell (HPC) population. Protocol Exchange, 0, , .	0.3	2