

# Markus Grompe

## List of Publications by Year in descending order

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245  
papers

33,680  
citations

4388

86  
h-index

3915

177  
g-index

258  
all docs

258  
docs citations

258  
times ranked

29167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Beta Cell-Specific Expression Control Element for Recombinant Adeno-Associated Virus. <i>Human Gene Therapy</i> , 2022, 33, 789-800.	2.7	2
2	Induced Liver Regeneration Enhances CRISPR/Cas9-Mediated Gene Repair in Tyrosinemia Type 1. <i>Human Gene Therapy</i> , 2021, 32, 294-301.	2.7	11
3	MYC Promotes Bone Marrow Stem Cell Dysfunction in Fanconi Anemia. <i>Cell Stem Cell</i> , 2021, 28, 33-47.e8.	11.1	31
4	Inhibition of TGF $\beta$ 1 and TGF $\beta$ 3 promotes hematopoiesis in Fanconi anemia. <i>Experimental Hematology</i> , 2021, 93, 70-84.e4.	0.4	8
5	Liver Injury Increases the Incidence of HCC following AAV Gene Therapy in Mice. <i>Molecular Therapy</i> , 2021, 29, 680-690.	8.2	61
6	Proliferative polyploid cells give rise to tumors via ploidy reduction. <i>Nature Communications</i> , 2021, 12, 646.	12.8	51
7	Therapeutic liver repopulation by transient acetaminophen selection of gene-modified hepatocytes. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	16
8	Dynamic Transcriptional and Epigenetic Changes Drive Cellular Plasticity in the Liver. <i>Hepatology</i> , 2021, 74, 444-457.	7.3	20
9	AAV integration in human hepatocytes. <i>Molecular Therapy</i> , 2021, 29, 2898-2909.	8.2	64
10	In vitro expansion of cirrhosis derived liver epithelial cells with defined small molecules. <i>Stem Cell Research</i> , 2021, 56, 102523.	0.7	5
11	Metformin for Treatment of Cytopenias in Children and Young Adults with Fanconi Anemia. <i>Blood</i> , 2021, 138, 1102-1102.	1.4	1
12	Generation of functional ciliated cholangiocytes from human pluripotent stem cells. <i>Nature Communications</i> , 2021, 12, 6504.	12.8	15
13	Cancer stem cells: advances in biology and clinical translation—a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021, 1506, 142-163.	3.8	8
14	AAV-Mediated CRISPR/Cas9 Gene Editing in Murine Phenylketonuria. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 234-245.	4.1	58
15	In Vivo Lineage Tracing of Polyploid Hepatocytes Reveals Extensive Proliferation during Liver Regeneration. <i>Cell Stem Cell</i> , 2020, 26, 34-47.e3.	11.1	129
16	Insights From Liver-Humanized Mice on Cholesterol Lipoprotein Metabolism and LXR Agonist Pharmacodynamics in Humans. <i>Hepatology</i> , 2020, 72, 656-670.	7.3	23
17	Efficient in vivo editing of OTC-deficient patient-derived primary human hepatocytes. <i>JHEP Reports</i> , 2020, 2, 100065.	4.9	18
18	Endoplasmic Reticulum Stress-Induced Upregulation of STARD1 Promotes Acetaminophen-Induced Acute Liver Failure. <i>Gastroenterology</i> , 2019, 157, 552-568.	1.3	85

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19	Diabetes relief in mice by glucose-sensing insulin-secreting human $\beta$ -cells. <i>Nature</i> , 2019, 567, 43-48.	27.8	188
20	Loss of Oxidation Resistance 1, OXR1, Is Associated with an Autosomal-Recessive Neurological Disease with Cerebellar Atrophy and Lysosomal Dysfunction. <i>American Journal of Human Genetics</i> , 2019, 105, 1237-1253.	6.2	34
21	Combination therapy with atorvastatin and celecoxib delays tumor formation in a Fanconi anemia mouse model. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27460.	1.5	6
22	Using a barcoded AAV capsid library to select for clinically relevant gene therapy vectors. <i>JCI Insight</i> , 2019, 4, .	5.0	64
23	Replication Stress Response and CDKN1A Engagement Constrain Fetal Hematopoietic Stem Cell Pool Size in Fanconi Anemia. <i>Blood</i> , 2019, 134, 107-107.	1.4	0
24	Long-Term Correction of Diabetes in Mice by In Vivo Reprogramming of Pancreatic Ducts. <i>Molecular Therapy</i> , 2018, 26, 1327-1342.	8.2	25
25	Bioengineered AAV Capsids with Combined High Human Liver Transduction In Vivo and Unique Humoral Seroreactivity. <i>Molecular Therapy</i> , 2018, 26, 289-303.	8.2	130
26	Monitoring liver damage using hepatocyte-specific methylation markers in cell-free circulating DNA. <i>JCI Insight</i> , 2018, 3, .	5.0	94
27	Inflammatory Cytokine TNF $\alpha$ Promotes the Long-Term Expansion of Primary Hepatocytes in 3D Culture. <i>Cell</i> , 2018, 175, 1607-1619.e15.	28.9	211
28	Comprehensive human cell-type methylation atlas reveals origins of circulating cell-free DNA in health and disease. <i>Nature Communications</i> , 2018, 9, 5068.	12.8	584
29	A Drug Screen using Human iPSC-Derived Hepatocyte-like Cells Reveals Cardiac Glycosides as a Potential Treatment for Hypercholesterolemia. <i>Cell Stem Cell</i> , 2017, 20, 478-489.e5.	11.1	92
30	Diagnosis and treatment of tyrosinemia type I: a US and Canadian consensus group review and recommendations. <i>Genetics in Medicine</i> , 2017, 19, 1380-1395.	2.4	152
31	Glycoprotein 2 is a specific cell surface marker of human pancreatic progenitors. <i>Nature Communications</i> , 2017, 8, 331.	12.8	115
32	Fah Knockout Animals as Models for Therapeutic Liver Repopulation. <i>Advances in Experimental Medicine and Biology</i> , 2017, 959, 215-230.	1.6	26
33	Genome-wide genetic and epigenetic analyses of pancreatic acinar cell carcinomas reveal aberrations in genome stability. <i>Nature Communications</i> , 2017, 8, 1323.	12.8	53
34	Adult Mouse Liver Contains Two Distinct Populations of Cholangiocytes. <i>Stem Cell Reports</i> , 2017, 9, 478-489.	4.8	68
35	Successful Engraftment of Human Hepatocytes in uPA-SCID and FRG <sup>Δ</sup> KO Mice. <i>Methods in Molecular Biology</i> , 2017, 1506, 117-130.	0.9	17
36	Chronic Phenotype Characterization of a Large-Animal Model of Hereditary Tyrosinemia Type 1. <i>American Journal of Pathology</i> , 2017, 187, 33-41.	3.8	16

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37	Reprogramming human gallbladder cells into insulin-producing $\beta^2$ -like cells. PLoS ONE, 2017, 12, e0181812.	2.5	35
38	Metformin improves defective hematopoiesis and delays tumor formation in Fanconi anemia mice. Blood, 2016, 128, 2774-2784.	1.4	60
39	Efficient generation of pancreatic $\beta^2$ -like cells from the mouse gallbladder. Stem Cell Research, 2016, 17, 587-596.	0.7	13
40	Age-Dependent Pancreatic Gene Regulation Reveals Mechanisms Governing Human $\beta^2$ Cell Function. Cell Metabolism, 2016, 23, 909-920.	16.2	205
41	Single-Cell Mass Cytometry Analysis of the Human Endocrine Pancreas. Cell Metabolism, 2016, 24, 616-626.	16.2	126
42	Silent Tyrosinemia Type I Without Elevated Tyrosine or Succinylacetone Associated with Liver Cirrhosis and Hepatocellular Carcinoma. Human Mutation, 2016, 37, 1097-1105.	2.5	21
43	Curative ex vivo liver-directed gene therapy in a pig model of hereditary tyrosinemia type 1. Science Translational Medicine, 2016, 8, 349ra99.	12.4	56
44	A universal system to select gene-modified hepatocytes in vivo. Science Translational Medicine, 2016, 8, 342ra79.	12.4	38
45	Human islets contain four distinct subtypes of $\beta^2$ cells. Nature Communications, 2016, 7, 11756.	12.8	291
46	TGF- $\beta^2$ Inhibition Rescues Hematopoietic Stem Cell Defects and Bone Marrow Failure in Fanconi Anemia. Cell Stem Cell, 2016, 18, 668-681.	11.1	125
47	Stem cells versus plasticity in liver and pancreas regeneration. Nature Cell Biology, 2016, 18, 238-245.	10.3	152
48	Identification of tissue-specific cell death using methylation patterns of circulating DNA. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1826-34.	7.1	492
49	The Sirt1 activator SRT3025 expands hematopoietic stem and progenitor cells and improves hematopoiesis in Fanconi anemia mice. Stem Cell Research, 2015, 15, 130-140.	0.7	21
50	Fibroblast Growth Factor Signaling Controls Liver Size in Mice With Humanized Livers. Gastroenterology, 2015, 149, 728-740.e15.	1.3	93
51	Oxymetholone Therapy of Fanconi Anemia Suppresses Osteopontin Transcription and Induces Hematopoietic Stem Cell Cycling. Stem Cell Reports, 2015, 4, 90-102.	4.8	26
52	Directed differentiation of cholangiocytes from human pluripotent stem cells. Nature Biotechnology, 2015, 33, 853-861.	17.5	254
53	Adeno-associated virus finds its disease. Nature Genetics, 2015, 47, 1104-1105.	21.4	36
54	Novel surface markers directed against adult human gallbladder. Stem Cell Research, 2015, 15, 172-181.	0.7	6

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55	Adult Liver Stem Cells. , 2014, , 309-327.		1
56	Genome editing with Cas9 in adult mice corrects a disease mutation and phenotype. Nature Biotechnology, 2014, 32, 551-553.	17.5	823
57	Pharmacologic inhibition of L-tyrosine degradation ameliorates cerebral dopamine deficiency in murine phenylketonuria (PKU). Journal of Inherited Metabolic Disease, 2014, 37, 735-743.	3.6	38
58	Evaluation of resveratrol and N-acetylcysteine for cancer chemoprevention in a Fanconi anemia murine model. Pediatric Blood and Cancer, 2014, 61, 740-742.	1.5	13
59	Selection and evaluation of clinically relevant AAV variants in a xenograft liver model. Nature, 2014, 506, 382-386.	27.8	376
60	Extensive double humanization of both liver and hematopoiesis in FRGN mice. Stem Cell Research, 2014, 13, 404-412.	0.7	123
61	Bipotential Adult Liver Progenitors Are Derived from Chronically Injured Mature Hepatocytes. Cell Stem Cell, 2014, 15, 605-618.	11.1	427
62	The organoid-initiating cells in mouse pancreas and liver are phenotypically and functionally similar. Stem Cell Research, 2014, 13, 275-283.	0.7	71
63	Liver Stem Cells, Where Art Thou?. Cell Stem Cell, 2014, 15, 257-258.	11.1	73
64	Clonal tracing of Sox9 <sup>+</sup> liver progenitors in mouse oval cell injury. Hepatology, 2014, 60, 278-289.	7.3	190
65	Fumarylacetoacetate hydrolase deficient pigs are a novel large animal model of metabolic liver disease. Stem Cell Research, 2014, 13, 144-153.	0.7	59
66	Human pancreatic cancer fusion 2 (HPC2) $\beta$ : A novel monoclonal antibody to screen for pancreatic ductal dysplasia. Cancer Cytopathology, 2013, 121, 37-46.	2.4	3
67	Response to "Can "humanized" mice improve drug development in the 21st century?" Trends in Pharmacological Sciences, 2013, 34, 425.	8.7	5
68	Generation of islet-like cells from mouse gall bladder by direct ex vivo reprogramming. Stem Cell Research, 2013, 11, 503-515.	0.7	44
69	Assessing the potential of induced liver regeneration. Nature Medicine, 2013, 19, 1096-1097.	30.7	11
70	Anthracyclines Induce DNA Damage Response-Mediated Protection against Severe Sepsis. Immunity, 2013, 39, 874-884.	14.3	131
71	New potential cell source for hepatocyte transplantation: Discarded livers from metabolic disease liver transplants. Stem Cell Research, 2013, 11, 563-573.	0.7	53
72	Mice With Human Livers. Gastroenterology, 2013, 145, 1209-1214.	1.3	114

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73	Fancd2 and p21 function independently in maintaining the size of hematopoietic stem and progenitor cell pool in mice. <i>Stem Cell Research</i> , 2013, 11, 687-692.	0.7	11
74	p53 regulates a mitotic transcription program and determines ploidy in normal mouse liver. <i>Hepatology</i> , 2013, 57, 2004-2013.	7.3	83
75	In vitro expansion of single Lgr5+ liver stem cells induced by Wnt-driven regeneration. <i>Nature</i> , 2013, 494, 247-250.	27.8	1,239
76	Adult Liver Stem Cells. , 2013, , 873-887.		0
77	A Therapy for Liver Failure Found in the JNK Yard. <i>Cell</i> , 2013, 153, 283-284.	28.9	5
78	Epigenomic plasticity enables human pancreatic $\hat{1}\pm$ to $\hat{1}^2$ cell reprogramming. <i>Journal of Clinical Investigation</i> , 2013, 123, 1275-1284.	8.2	365
79	Mice with Chimeric Livers Are an Improved Model for Human Lipoprotein Metabolism. <i>PLoS ONE</i> , 2013, 8, e78550.	2.5	45
80	AAV Vectors Containing rDNA Homology Display Increased Chromosomal Integration and Transgene Persistence. <i>Molecular Therapy</i> , 2012, 20, 1902-1911.	8.2	36
81	In Vivo Selection of Transplanted Hepatocytes by Pharmacological Inhibition of Fumarylacetoacetate Hydrolase in Wild-type Mice. <i>Molecular Therapy</i> , 2012, 20, 1981-1987.	8.2	15
82	Ribosomal DNA Integrating rAAV-rDNA Vectors Allow for Stable Transgene Expression. <i>Molecular Therapy</i> , 2012, 20, 1912-1923.	8.2	27
83	Intra-hematopoietic cell fusion as a source of somatic variation in the hematopoietic system. <i>Journal of Cell Science</i> , 2012, 125, 2837-43.	2.0	20
84	Frequent Aneuploidy Among Normal Human Hepatocytes. <i>Gastroenterology</i> , 2012, 142, 25-28.	1.3	175
85	AAV-Mediated Gene Targeting Is Significantly Enhanced by Transient Inhibition of Nonhomologous End Joining or the Proteasome<i>In Vivo</i>. <i>Human Gene Therapy</i> , 2012, 23, 658-665.	2.7	30
86	Tissue Stem Cells: New Tools and Functional Diversity. <i>Cell Stem Cell</i> , 2012, 10, 685-689.	11.1	51
87	Bone Marrow Failure in Fanconi Anemia Is Triggered by an Exacerbated p53/p21 DNA Damage Response that Impairs Hematopoietic Stem and Progenitor Cells. <i>Cell Stem Cell</i> , 2012, 11, 36-49.	11.1	262
88	The novel monoclonal antibody HPC2 and N-cadherin distinguish pancreatic ductal adenocarcinoma from cholangiocarcinoma. <i>Human Pathology</i> , 2012, 43, 1583-1589.	2.0	18
89	Complete Plasmodium falciparum liver-stage development in liver-chimeric mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 3618-3628.	8.2	200
90	Aneuploidy as a mechanism for stress-induced liver adaptation. <i>Journal of Clinical Investigation</i> , 2012, 122, 3307-3315.	8.2	147

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91	Intra-hematopoietic cell fusion as a source of somatic variation in the hematopoietic system. <i>Development (Cambridge)</i> , 2012, 139, e1707-e1707.	2.5	0
92	Isolation of mouse pancreatic alpha, beta, duct and acinar populations with cell surface markers. <i>Molecular and Cellular Endocrinology</i> , 2011, 339, 144-150.	3.2	44
93	Transcriptomes of the major human pancreatic cell types. <i>Diabetologia</i> , 2011, 54, 2832-44.	6.3	194
94	Fanconi anemia-like presentation in an infant with constitutional deletion of 21q including the <i>RUNX1</i> gene. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 1673-1679.	1.2	17
95	Efficient production of <i>Fah</i> -null heterozygote pigs by chimeric adeno-associated virus-mediated gene knockout and somatic cell nuclear transfer. <i>Hepatology</i> , 2011, 54, 1351-1359.	7.3	69
96	Notch signaling inhibits hepatocellular carcinoma following inactivation of the RB pathway. <i>Journal of Experimental Medicine</i> , 2011, 208, 1963-1976.	8.5	183
97	Foxl1-Cre-marked adult hepatic progenitors have clonogenic and bilineage differentiation potential. <i>Genes and Development</i> , 2011, 25, 1185-1192.	5.9	138
98	Prospective isolation of a bipotential clonogenic liver progenitor cell in adult mice. <i>Genes and Development</i> , 2011, 25, 1193-1203.	5.9	209
99	Notch signaling inhibits hepatocellular carcinoma following inactivation of the RB pathway. <i>Journal of Cell Biology</i> , 2011, 194, i11-i11.	5.2	0
100	<i>Fancd2</i> <sup>Δ<sup>1</sup>/Δ<sup>1</sup></sup> mice have hematopoietic defects that can be partially corrected by resveratrol. <i>Blood</i> , 2010, 116, 5140-5148.	1.4	83
101	Adeno-associated virus gene repair corrects a mouse model of hereditary tyrosinemia in vivo. <i>Hepatology</i> , 2010, 51, 1200-1208.	7.3	121
102	The ploidy conveyor of mature hepatocytes as a source of genetic variation. <i>Nature</i> , 2010, 467, 707-710.	27.8	432
103	Non-Invasive Stem Cell Therapy in a Rat Model for Retinal Degeneration and Vascular Pathology. <i>PLoS ONE</i> , 2010, 5, e9200.	2.5	129
104	Deficiencies in the Fanconi Anemia DNA Damage Response Pathway Increase Sensitivity to HPV-Associated Head and Neck Cancer. <i>Cancer Research</i> , 2010, 70, 9959-9968.	0.9	81
105	Therapeutic Liver Reconstitution With Murine Cells Isolated Long After Death. <i>Gastroenterology</i> , 2010, 139, 1019-1029.	1.3	29
106	Chimeric Mice with Humanized Liver: Tools for the Study of Drug Metabolism, Excretion, and Toxicity. <i>Methods in Molecular Biology</i> , 2010, 640, 491-509.	0.9	133
107	Chromosomal Integration of Adenoviral Vector DNA <i>In Vivo</i> . <i>Journal of Virology</i> , 2010, 84, 9987-9994.	3.4	77
108	Adult Liver Stem Cells. , 2009, , 285-298.		1

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109	Validation of Fanconi anemia complementation Group A assignment using molecular analysis. <i>Genetics in Medicine</i> , 2009, 11, 183-192.	2.4	13
110	Ploidy Reductions in Murine Fusion-Derived Hepatocytes. <i>PLoS Genetics</i> , 2009, 5, e1000385.	3.5	91
111	Embryonic Lethality after Combined Inactivation of <i>Fancd2</i> and <i>Mlh1</i> in Mice. <i>Cancer Research</i> , 2009, 69, 9431-9438.	0.9	9
112	Generation of Monoclonal Antibodies Specific for Cell Surface Molecules Expressed on Early Mouse Endoderm. <i>Stem Cells</i> , 2009, 27, 2103-2113.	3.2	38
113	CDX2 in the formation of the trophoctoderm lineage in primate embryos. <i>Developmental Biology</i> , 2009, 335, 179-187.	2.0	35
114	Stem Cells and Liver Regeneration. <i>Gastroenterology</i> , 2009, 137, 466-481.	1.3	469
115	Activation of nuclear factor E2-related factor 2 in hereditary tyrosinemia type 1 and its role in survival and tumor development. <i>Hepatology</i> , 2008, 48, 487-496.	7.3	36
116	Surface markers for the murine oval cell response. <i>Hepatology</i> , 2008, 48, 1282-1291.	7.3	85
117	CXCR4 induction in hematopoietic progenitor cells from <i>Fanca</i> <sup>Δ/Δ</sup> , <i>-câ</i> <sup>Δ/Δ</sup> , and <i>-d2â</i> <sup>Δ/Δ</sup> mice. <i>Experimental Hematology</i> , 2008, 36, 273-282.	0.4	12
118	Loss of p21 Permits Carcinogenesis from Chronically Damaged Liver and Kidney Epithelial Cells despite Unchecked Apoptosis. <i>Cancer Cell</i> , 2008, 14, 59-67.	16.8	60
119	Signaling networks in hepatic oval cell activation. <i>Stem Cell Research</i> , 2008, 1, 90-102.	0.7	49
120	Isolation of major pancreatic cell types and long-term culture-initiating cells using novel human surface markers. <i>Stem Cell Research</i> , 2008, 1, 183-194.	0.7	110
121	ERCC1 is required for FANCD2 focus formation. <i>Molecular Genetics and Metabolism</i> , 2008, 95, 66-73.	1.1	18
122	Generation and Regeneration of Cells of the Liver and Pancreas. <i>Science</i> , 2008, 322, 1490-1494.	12.6	530
123	Tempol Protects against Oxidative Damage and Delays Epithelial Tumor Onset in Fanconi Anemia Mice. <i>Cancer Research</i> , 2008, 68, 1601-1608.	0.9	66
124	Bone Marrow-Derived Hepatocytes. <i>Novartis Foundation Symposium</i> , 2008, , 20-34.	1.1	24
125	Slow-onset inhibition of fumarylacetoacetate hydrolase by phosphinate mimics of the tetrahedral intermediate: kinetics, crystal structure and pharmacokinetics. <i>Biochemical Journal</i> , 2007, 402, 251-260.	3.7	16
126	The Fanconi Family Adds a Fraternal Twin. <i>Developmental Cell</i> , 2007, 12, 661-662.	7.0	30



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127	Hypomorphic Mutations in the Gene Encoding a Key Fanconi Anemia Protein, FANCD2, Sustain a Significant Group of FA-D2 Patients with Severe Phenotype. <i>American Journal of Human Genetics</i> , 2007, 80, 895-910.	6.2	115
128	Robust expansion of human hepatocytes in Fah <sup>-/-</sup> /Rag2 <sup>-/-</sup> /Il2rg <sup>-/-</sup> mice. <i>Nature Biotechnology</i> , 2007, 25, 903-910.	17.5	729
129	Bone marrow-derived cells fuse with normal and transformed intestinal stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6321-6325.	7.1	250
130	Sustained Phosphorylation of Bid Is a Marker for Resistance to Fas-Induced Apoptosis During Chronic Liver Diseases. <i>Gastroenterology</i> , 2006, 130, 104-119.	1.3	31
131	Natural gene therapy in monozygotic twins with Fanconi anemia. <i>Blood</i> , 2006, 107, 3084-3090.	1.4	76
132	Principles of therapeutic liver repopulation. <i>Journal of Inherited Metabolic Disease</i> , 2006, 29, 421-425.	3.6	52
133	Myeloid lineage progenitors give rise to vascular endothelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13156-13161.	7.1	184
134	In Vivo Genetic Selection of Renal Proximal Tubules. <i>Molecular Therapy</i> , 2006, 13, 49-58.	8.2	58
135	Gene therapy of metachromatic leukodystrophy reverses neurological damage and deficits in mice. <i>Journal of Clinical Investigation</i> , 2006, 116, 3070-3082.	8.2	197
136	Regulated interaction of the Fanconi anemia protein, FANCD2, with chromatin. <i>Blood</i> , 2005, 105, 1003-1009.	1.4	118
137	Liver Repair by Intra- and Extrahepatic Progenitors. <i>Stem Cell Reviews and Reports</i> , 2005, 1, 061-064.	5.6	33
138	Embryonic stem cells without embryos?. <i>Nature Biotechnology</i> , 2005, 23, 1496-1497.	17.5	5
139	Large-Scale Molecular Characterization of Adeno-Associated Virus Vector Integration in Mouse Liver. <i>Journal of Virology</i> , 2005, 79, 3606-3614.	3.4	164
140	In Vivo Correction of Murine Hereditary Tyrosinemia Type I by $\gamma$ -C31 Integrase-Mediated Gene Delivery. <i>Molecular Therapy</i> , 2005, 11, 399-408.	8.2	128
141	Low Therapeutic Threshold for Hepatocyte Replacement in Murine Phenylketonuria. <i>Molecular Therapy</i> , 2005, 12, 337-344.	8.2	53
142	Fancd2 functions in a double strand break repair pathway that is distinct from non-homologous end joining. <i>Human Molecular Genetics</i> , 2005, 14, 3027-3033.	2.9	54
143	The Origin of Hepatocytes. <i>Gastroenterology</i> , 2005, 128, 2158-2160.	1.3	22
144	Heterozygosity for p53 (Trp53 <sup>+/-</sup> ) accelerates epithelial tumor formation in fanconi anemia complementation group D2 (Fancd2) knockout mice. <i>Cancer Research</i> , 2005, 65, 85-91.	0.9	45

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145	Bone marrow-derived hepatocytes. Novartis Foundation Symposium, 2005, 265, 20-7; discussion 28-34, 92-7.	1.1	7
146	Adult Liver Stem Cells. , 2004, , 483-495.		0
147	Repair Kinetics of Genomic Interstrand DNA Cross-Links: Evidence for DNA Double-Strand Break-Dependent Activation of the Fanconi Anemia/BRCA Pathway. Molecular and Cellular Biology, 2004, 24, 123-134.	2.3	215
148	Delineating the Hepatocyte's Hematopoietic Fusion Partner. Cell Cycle, 2004, 3, 1489-1491.	2.6	16
149	Liver-Directed Adenoviral Gene Transfer in Murine Succinate Semialdehyde Dehydrogenase Deficiency. Molecular Therapy, 2004, 9, 527-539.	8.2	25
150	Renal proximal tubular cells acquire resistance to cell death stimuli in mice with hereditary tyrosinemia type 1. Kidney International, 2004, 66, 990-1000.	5.2	7
151	Myelomonocytic cells are sufficient for therapeutic cell fusion in liver. Nature Medicine, 2004, 10, 744-748.	30.7	409
152	The importance of knowing your identity: Sources of confusion in stem cell biology. Hepatology, 2004, 39, 35-37.	7.3	16
153	Chronic liver disease in murine hereditary tyrosinemia type 1 induces resistance to cell death. Hepatology, 2004, 39, 433-443.	7.3	61
154	Interstrand crosslink-induced radials form between non-homologous chromosomes, but are absent in sex chromosomes. DNA Repair, 2004, 3, 535-542.	2.8	31
155	Embryonic versus adult stem cell pluripotency: in liver only fusion matters. Journal of Assisted Reproduction and Genetics, 2003, 20, 393-394.	2.5	7
156	Pharmacologic or genetic ablation of maleylacetoacetate isomerase increases levels of toxic tyrosine catabolites in rodents. Biochemical Pharmacology, 2003, 66, 2029-2038.	4.4	30
157	Mutational spectrum of the succinate semialdehyde dehydrogenase (ALDH5A1) gene and functional analysis of 27 novel disease-causing mutations in patients with SSADH deficiency. Human Mutation, 2003, 22, 442-450.	2.5	117
158	Murine succinate semialdehyde dehydrogenase deficiency. Annals of Neurology, 2003, 54, S81-S90.	5.3	48
159	Cell fusion is the principal source of bone-marrow-derived hepatocytes. Nature, 2003, 422, 897-901.	27.8	1,537
160	FANCL, as in ligase. Nature Genetics, 2003, 35, 113-114.	21.4	7
161	AAV serotype 2 vectors preferentially integrate into active genes in mice. Nature Genetics, 2003, 34, 297-302.	21.4	359
162	The Fanconi anaemia/BRCA pathway. Nature Reviews Cancer, 2003, 3, 23-34.	28.4	764

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163	Pancreaticâ€“hepatic switches in vivo. <i>Mechanisms of Development</i> , 2003, 120, 99-106.	1.7	51
164	The Multiple Sulfatase Deficiency Gene Encodes an Essential and Limiting Factor for the Activity of Sulfatases. <i>Cell</i> , 2003, 113, 445-456.	28.9	321
165	Epithelial cancer in Fanconi anemia complementation group D2 (<i>Fancd2</i>) knockout mice. <i>Genes and Development</i> , 2003, 17, 2021-2035.	5.9	240
166	The origin and liver repopulating capacity of murine oval cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11881-11888.	7.1	399
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