

Udayan Apte

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

4,120
citations

126907

33
h-index

118850

62
g-index

88
all docs

88
docs citations

88
times ranked

6338
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutant IDH inhibits HNF-4 β to block hepatocyte differentiation and promote biliary cancer. <i>Nature</i> , 2014, 513, 110-114.	27.8	367
2	Bile Acid Metabolism and Signaling in Cholestasis, Inflammation, and Cancer. <i>Advances in Pharmacology</i> , 2015, 74, 263-302.	2.0	210
3	Global Analysis of Plasma Lipids Identifies Liver-Derived Acylcarnitines as a Fuel Source for Brown Fat Thermogenesis. <i>Cell Metabolism</i> , 2017, 26, 509-522.e6.	16.2	185
4	Regulation of YAP by mTOR and autophagy reveals a therapeutic target of tuberous sclerosis complex. <i>Journal of Experimental Medicine</i> , 2014, 211, 2249-2263.	8.5	170
5	TGF β 2 inhibition restores a regenerative response in acute liver injury by suppressing paracrine senescence. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	161
6	Wnt/ β -catenin signaling mediates oval cell response in rodents. <i>Hepatology</i> , 2008, 47, 288-295.	7.3	157
7	Enhanced liver regeneration following changes induced by hepatocyte-specific genetic ablation of integrin-linked kinase. <i>Hepatology</i> , 2009, 50, 844-851.	7.3	147
8	Beta-Catenin Activation Promotes Liver Regeneration after Acetaminophen-Induced Injury. <i>American Journal of Pathology</i> , 2009, 175, 1056-1065.	3.8	143
9	Pro-Regenerative Signaling after Acetaminophen-Induced Acute Liver Injury in Mice Identified Using a Novel Incremental Dose Model. <i>American Journal of Pathology</i> , 2014, 184, 3013-3025.	3.8	143
10	Wnt'er in liver: Expression of Wnt and frizzled genes in mouse. <i>Hepatology</i> , 2007, 45, 195-204.	7.3	131
11	Deregulation of Hippo kinase signalling in Human hepatic malignancies. <i>Liver International</i> , 2012, 32, 38-47.	3.9	125
12	Role of Hepatocyte Nuclear Factor 4 β (HNF4 β) in Cell Proliferation and Cancer. <i>Gene Expression</i> , 2015, 16, 101-108.	1.2	123
13	Increased Activation of the Wnt/ β -Catenin Pathway in Spontaneous Hepatocellular Carcinoma Observed in Farnesoid X Receptor Knockout Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 338, 12-21.	2.5	118
14	Hepatocyte nuclear factor 4 alpha deletion promotes diethylnitrosamine-induced hepatocellular carcinoma in rodents. <i>Hepatology</i> , 2013, 57, 2480-2490.	7.3	113
15	Liver Regeneration after Acetaminophen Hepatotoxicity. <i>American Journal of Pathology</i> , 2019, 189, 719-729.	3.8	111
16	Activation of Wnt/ β -catenin pathway during hepatocyte growth factor-induced hepatomegaly in mice. <i>Hepatology</i> , 2006, 44, 992-1002.	7.3	107
17	siRNA-Mediated β -Catenin Knockdown in Human Hepatoma Cells Results in Decreased Growth and Survival. <i>Neoplasia</i> , 2007, 9, 951-959.	5.3	107
18	β -Catenin is critical for early postnatal liver growth. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G1578-G1585.	3.4	105

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19	Fibroblast growth factor 15 deficiency impairs liver regeneration in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G893-G902.	3.4	86
20	Hepatocyte-specific deletion of farnesoid X receptor delays but does not inhibit liver regeneration after partial hepatectomy in mice. <i>Hepatology</i> , 2012, 56, 2344-2352.	7.3	83
21	Hepatocyte-specific deletion of hepatocyte nuclear factor-4 α in adult mice results in increased hepatocyte proliferation. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, G26-G37.	3.4	83
22	Liver-specific ablation of integrin-linked kinase in mice results in abnormal histology, enhanced cell proliferation, and hepatomegaly. <i>Hepatology</i> , 2008, 48, 1932-1941.	7.3	79
23	Sustained O-GlcNAcylation reprograms mitochondrial function to regulate energy metabolism. <i>Journal of Biological Chemistry</i> , 2017, 292, 14940-14962.	3.4	79
24	Hepatocyte Nuclear Factor 4 Alpha Activation Is Essential for Termination of Liver Regeneration in Mice. <i>Hepatology</i> , 2019, 70, 666-681.	7.3	68
25	The role of hepatocyte nuclear factor 4-alpha in perfluorooctanoic acid- and perfluorooctanesulfonic acid-induced hepatocellular dysfunction. <i>Toxicology and Applied Pharmacology</i> , 2016, 304, 18-29.	2.8	65
26	Role of Bile Acids in Liver Injury and Regeneration following Acetaminophen Overdose. <i>American Journal of Pathology</i> , 2013, 183, 1518-1526.	3.8	64
27	Suppression of Autophagic Flux by Bile Acids in Hepatocytes. <i>Toxicological Sciences</i> , 2014, 137, 478-490.	3.1	56
28	Functional compensation precedes recovery of tissue mass following acute liver injury. <i>Nature Communications</i> , 2020, 11, 5785.	12.8	56
29	Dual Role of Epidermal Growth Factor Receptor in Liver Injury and Regeneration after Acetaminophen Overdose in Mice. <i>Toxicological Sciences</i> , 2017, 155, 363-378.	3.1	49
30	Bile acids promote diethylnitrosamine-induced hepatocellular carcinoma via increased inflammatory signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G91-G104.	3.4	45
31	Dual catenin loss in murine liver causes tight junctional deregulation and progressive intrahepatic cholestasis. <i>Hepatology</i> , 2018, 67, 2320-2337.	7.3	40
32	Why is elevation of serum cholesterol associated with exposure to perfluoroalkyl substances (PFAS) in humans? A workshop report on potential mechanisms. <i>Toxicology</i> , 2021, 459, 152845.	4.2	40
33	Mechanisms and biomarkers of liver regeneration after drug-induced liver injury. <i>Advances in Pharmacology</i> , 2019, 85, 241-262.	2.0	38
34	Pleiotropic Role of p53 in Injury and Liver Regeneration after Acetaminophen Overdose. <i>American Journal of Pathology</i> , 2018, 188, 1406-1418.	3.8	36
35	A negative reciprocal regulatory axis between cyclin D1 and HNF4 α modulates cell cycle progression and metabolism in the liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17177-17186.	7.1	34
36	Yes-associated protein is involved in proliferation and differentiation during postnatal liver development. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G493-G503.	3.4	33

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37	Inhibition of Glycogen Synthase Kinase 3 Accelerated Liver Regeneration after Acetaminophen-Induced Hepatotoxicity in Mice. <i>American Journal of Pathology</i> , 2017, 187, 543-552.	3.8	31
38	Modulation of O-GlcNAc Levels in the Liver Impacts Acetaminophen-Induced Liver Injury by Affecting Protein Adduct Formation and Glutathione Synthesis. <i>Toxicological Sciences</i> , 2018, 162, 599-610.	3.1	26
39	The inhibitor of glycerol 3-phosphate acyltransferase FSG67 blunts liver regeneration after acetaminophen overdose by altering GSK3 β and Wnt/ β -catenin signaling. <i>Food and Chemical Toxicology</i> , 2019, 125, 279-288.	3.6	24
40	Progressive loss of hepatocyte nuclear factor 4 alpha activity in chronic liver diseases in humans. <i>Hepatology</i> , 2022, 76, 372-386.	7.3	24
41	Paradoxical Protective Effect of Perfluorooctanesulfonic Acid Against High-Fat Diet-Induced Hepatic Steatosis in Mice. <i>International Journal of Toxicology</i> , 2018, 37, 383-392.	1.2	22
42	DNA Damage Response Regulates Initiation of Liver Regeneration Following Acetaminophen Overdose. <i>Gene Expression</i> , 2018, 18, 115-123.	1.2	21
43	Disruption of Estrogen Receptor Alpha in Rats Results in Faster Initiation of Compensatory Regeneration Despite Higher Liver Injury After Carbon Tetrachloride Treatment. <i>International Journal of Toxicology</i> , 2017, 36, 199-206.	1.2	18
44	Leukocyte cell derived chemotaxin-2 (Lect2) as a predictor of survival in adult acute liver failure. <i>Translational Gastroenterology and Hepatology</i> , 2019, 4, 17-17.	3.0	18
45	Regulation of Liver Regeneration by Hepatocyte O-GlcNAcylation in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 1510-1529.	4.5	18
46	Mg ²⁺ /Mn ²⁺ -Dependent Phosphatase 1A Is Involved in Regulating Pregnane X Receptor-Mediated Cytochrome p450 3A4 Gene Expression. <i>Drug Metabolism and Disposition</i> , 2015, 43, 385-391.	3.3	16
47	GenX induces fibroinflammatory gene expression in primary human hepatocytes. <i>Toxicology</i> , 2022, 477, 153259.	4.2	13
48	Models to Study Liver Regeneration. , 2015, , 15-40.		10
49	Liver-Specific Deletion of Integrin-Linked Kinase in Mice Attenuates Hepatotoxicity and Improves Liver Regeneration After Acetaminophen Overdose. <i>Gene Expression</i> , 2016, 17, 35-45.	1.2	10
50	Increased YAP Activation Is Associated With Hepatic Cyst Epithelial Cell Proliferation in ARPKD/CHF. <i>Gene Expression</i> , 2017, 17, 313-326.	1.2	10
51	Global gene expression changes in liver following hepatocyte nuclear factor 4 alpha deletion in adult mice. <i>Genomics Data</i> , 2015, 5, 126-128.	1.3	9
52	Evidence for a "Pathogenic Triumvirate" in Congenital Hepatic Fibrosis in Autosomal Recessive Polycystic Kidney Disease. <i>BioMed Research International</i> , 2016, 2016, 1-10.	1.9	9
53	Inhibition of Mast Cell Degranulation With Cromolyn Sodium Exhibits Organ-Specific Effects in Polycystic Kidney (PCK) Rats. <i>International Journal of Toxicology</i> , 2018, 37, 308-326.	1.2	9
54	Acetaminophen Test Battery (ATB): A Comprehensive Method to Study Acetaminophen-Induced Acute Liver Injury. <i>Gene Expression</i> , 2020, 20, 125-138.	1.2	9

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55	Comparison of liver regeneration after partial hepatectomy and acetaminophen-induced acute liver failure: A global picture based on transcriptome analysis. <i>Food and Chemical Toxicology</i> , 2020, 139, 111186.	3.6	8
56	Hepatocyte-Specific Deletion of Yes-Associated Protein Improves Recovery From Acetaminophen-Induced Acute Liver Injury. <i>Toxicological Sciences</i> , 2021, 184, 276-285.	3.1	8
57	A Brief Report of Immunohistochemical Markers to Identify Aggressive Hepatoblastoma. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2018, 26, 654-657.	1.2	7
58	IFTA deficiency in juvenile mice impairs biliary development and exacerbates ADPKD liver disease. <i>Journal of Pathology</i> , 2021, 254, 289-302.	4.5	7
59	Wnt/ β -Catenin Signaling Drives Thioacetamide-Mediated Heteroprotection Against Acetaminophen-Induced Lethal Liver Injury. <i>Dose-Response</i> , 2017, 15, 155932581769028.	1.6	6
60	Mutational mimics of allosteric effectors: a genome editing design to validate allosteric drug targets. <i>Scientific Reports</i> , 2019, 9, 9031.	3.3	6
61	Hepatocyte-Specific Hepatocyte Nuclear Factor 4 Alpha (HNF4) Deletion Decreases Resting Energy Expenditure by Disrupting Lipid and Carbohydrate Homeostasis. <i>Gene Expression</i> , 2021, 20, 157-168.	1.2	4
62	O-GlcNAc cycling mediates energy balance by regulating caloric memory. <i>Appetite</i> , 2021, 165, 105320.	3.7	4
63	Dual β -Catenin and β -Catenin Loss in Hepatocytes Impacts Their Polarity through Altered Transforming Growth Factor- β and Hepatocyte Nuclear Factor 4 Signaling. <i>American Journal of Pathology</i> , 2021, 191, 885-901.	3.8	3
64	Mechanisms of Termination of Liver Regeneration. , 2015, , 103-111.		2
65	Deciphering the Cell-Specific Role of Wnts in the Liver: New Tools for a Difficult Task. <i>Hepatology</i> , 2018, 68, 412-414.	7.3	2
66	Liver Regeneration. , 2015, , 2-11.		1
67	Heparan sulfate promotes recovery from acute liver injury: Inhibition of progressive cell death or enhanced regeneration?. <i>Hepatology</i> , 2017, 66, 1381-1383.	7.3	1
68	Bile Acids: Connecting Link Between Autophagy and Gut Microbiome. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 1209-1210.	4.5	1
69	Bile acid depletion increases susceptibility to acetaminophen-induced hepatotoxicity in mice. <i>FASEB Journal</i> , 2013, 27, 387.1.	0.5	1
70	The Benevolent Bile: Bile Acids as Stimulants of Liver Regeneration. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 1478-1480.	4.5	1
71	Extracellular Signals Involved in Liver Regeneration. , 2015, , 65-75.		0
72	Integrin-linked kinase KO mice display abnormal liver histology and hepatomegaly following partial hepatectomy. <i>FASEB Journal</i> , 2008, 22, 465.9.	0.5	0

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73	Role of Hippo Kinase Pathway In Pathogenesis of Hepatocellular Carcinoma.. FASEB Journal, 2009, 23, 117.11.	0.5	0
74	Yesâ€Associated protein expression is induced in hepatocellular carcinoma and is responsive to cell density.. FASEB Journal, 2010, 24, 349.5.	0.5	0
75	Hepatocyte Nuclear Factor 4 alpha (HNF4Î±) is involved in regulation of hepatocyte proliferation. FASEB Journal, 2010, 24, 236.2.	0.5	0
76	Modulation of autophagy by bile acids in hepatocytes and liver. FASEB Journal, 2012, 26, 396.4.	0.5	0
77	Hepatocyte Nuclear Factor 4 alpha (HNF4Î±) Knockdown Stimulates Proâ€Mitogenic Gene Expression in Hepatocytes. FASEB Journal, 2012, 26, 274.7.	0.5	0
78	Liver Specific Knockout Atg5 Causes Persistent Activation of Nrf2 and Protects Against Acetaminophenâ€Induced Liver Injury. FASEB Journal, 2012, 26, 396.3.	0.5	0
79	Role of bile acids in autophagy and alcoholâ€induced liver injury. FASEB Journal, 2013, 27, 1086.5.	0.5	0
80	Role of Hepatocyte Nuclear Factor 4 alpha in Promotion of Hepatocellular Carcinoma. FASEB Journal, 2013, 27, 387.11.	0.5	0
81	Bile Acids Promote Diethylnitrosamineâ€induced Hepatocellular Carcinoma via Increased Inflammatory Signaling.. FASEB Journal, 2015, 29, 45.9.	0.5	0
82	Single Cell RNAâ€sequencing (scRNAâ€seq) Reveals Reprogramming and Functional Compensation Preceding Cellular Recovery in Multiple Models of Acute Liver Injury. FASEB Journal, 2019, 33, 369.4.	0.5	0
83	Rebuttal to: MelancholÃ©: the Dark Side of Bile Acids and Its Cellular Consequences. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1477.	4.5	0