# Udayan Apte

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5622032/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 83 papers | 4,120 citations | 126708 33 h-index | 118652 62 g-index |
| 88 all docs | 88 docs citations | 88 times ranked | 6338 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mutant IDH inhibits HNF-4Î± to block hepatocyte differentiation and promote biliary cancer. Nature, 2014, 513, 110-114. | 13.7 | 367 |
| 2 | Bile Acid Metabolism and Signaling in Cholestasis, Inflammation, and Cancer. Advances in Pharmacology, 2015, 74, 263-302. | 1.2 | 210 |
| 3 | Global Analysis of Plasma Lipids Identifies Liver-Derived Acylcarnitines as a Fuel Source for Brown Fat Thermogenesis. Cell Metabolism, 2017, 26, 509-522.e6. | 7.2 | 185 |
| 4 | Regulation of YAP by mTOR and autophagy reveals a therapeutic target of tuberous sclerosis complex. Journal of Experimental Medicine, 2014, 211, 2249-2263. | 4.2 | 170 |
| 5 | TGFÎ² inhibition restores a regenerative response in acute liver injury by suppressing paracrine senescence. Science Translational Medicine, 2018, 10, . | 5.8 | 161 |
| 6 | Wnt/Î²-catenin signaling mediates oval cell response in rodents. Hepatology, 2008, 47, 288-295. | 3.6 | 157 |
| 7 | Enhanced liver regeneration following changes induced by hepatocyte-specific genetic ablation of integrin-linked kinase. Hepatology, 2009, 50, 844-851. | 3.6 | 147 |
| 8 | Beta-Catenin Activation Promotes Liver Regeneration after Acetaminophen-Induced Injury. American Journal of Pathology, 2009, 175, 1056-1065. | 1.9 | 143 |
| 9 | Pro-Regenerative Signaling after Acetaminophen-Induced Acute Liver Injury in Mice Identified Using a Novel Incremental Dose Model. American Journal of Pathology, 2014, 184, 3013-3025. | 1.9 | 143 |
| 10 | Wnt'er in liver: Expression of Wnt and frizzled genes in mouse. Hepatology, 2007, 45, 195-204. | 3.6 | 131 |
| 11 | Deregulation of Hippo kinase signalling in Human hepatic malignancies. Liver International, 2012, 32, 38-47. | 1.9 | 125 |
| 12 | Role of Hepatocyte Nuclear Factor 4Î± (HNF4Î±) in Cell Proliferation and Cancer. Gene Expression, 2015, 16, 101-108. | 0.5 | 123 |
| 13 | Increased Activation of the Wnt/Î²-Catenin Pathway in Spontaneous Hepatocellular Carcinoma Observed in Farnesoid X Receptor Knockout Mice. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 12-21. | 1.3 | 118 |
| 14 | Hepatocyte nuclear factor 4 alpha deletion promotes diethylnitrosamine-induced hepatocellular carcinoma in rodents. Hepatology, 2013, 57, 2480-2490. | 3.6 | 113 |
| 15 | Liver Regeneration after Acetaminophen Hepatotoxicity. American Journal of Pathology, 2019, 189, 719-729. | 1.9 | 111 |
| 16 | Activation of Wnt/Î²-catenin pathway during hepatocyte growth factorâ€“induced hepatomegaly in mice. Hepatology, 2006, 44, 992-1002. | 3.6 | 107 |
| 17 | siRNA-Mediated Î²-Catenin Knockdown in Human Hepatoma Cells Results in Decreased Growth and Survival. Neoplasia, 2007, 9, 951-959. | 2.3 | 107 |
| 18 | Î²-Catenin is critical for early postnatal liver growth. American Journal of Physiology - Renal Physiology, 2007, 292, G1578-G1585. | 1.6 | 105 |

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|---|---|---|---|
| 19 | Fibroblast growth factor 15 deficiency impairs liver regeneration in mice. American Journal of Physiology - Renal Physiology, 2014, 306, G893-G902. | 1.6 | 86 |
| 20 | Hepatocyte-specific deletion of farnesoid X receptor delays but does not inhibit liver regeneration after partial hepatectomy in mice. Hepatology, 2012, 56, 2344-2352. | 3.6 | 83 |
| 21 | Hepatocyte-specific deletion of hepatocyte nuclear factor-4Î± in adult mice results in increased hepatocyte proliferation. American Journal of Physiology - Renal Physiology, 2013, 304, G26-G37. | 1.6 | 83 |
| 22 | Liver-specific ablation of integrin-linked kinase in mice results in abnormal histology, enhanced cell proliferation, and hepatomegaly. Hepatology, 2008, 48, 1932-1941. | 3.6 | 79 |
| 23 | Sustained O-GlcNAcylation reprograms mitochondrial function to regulate energy metabolism. Journal of Biological Chemistry, 2017, 292, 14940-14962. | 1.6 | 79 |
| 24 | Hepatocyte Nuclear Factor 4 Alpha Activation Is Essential for Termination of Liver Regeneration in Mice. Hepatology, 2019, 70, 666-681. | 3.6 | 68 |
| 25 | The role of hepatocyte nuclear factor 4-alpha in perfluorooctanoic acid- and perfluorooctanesulfonic acid-induced hepatocellular dysfunction. Toxicology and Applied Pharmacology, 2016, 304, 18-29. | 1.3 | 65 |
| 26 | Role of Bile Acids in Liver Injury and Regeneration following Acetaminophen Overdose. American Journal of Pathology, 2013, 183, 1518-1526. | 1.9 | 64 |
| 27 | Suppression of Autophagic Flux by Bile Acids in Hepatocytes. Toxicological Sciences, 2014, 137, 478-490. | 1.4 | 56 |
| 28 | Functional compensation precedes recovery of tissue mass following acute liver injury. Nature Communications, 2020, 11, 5785. | 5.8 | 56 |
| 29 | Dual Role of Epidermal Growth Factor Receptor in Liver Injury and Regeneration after Acetaminophen Overdose in Mice. Toxicological Sciences, 2017, 155, 363-378. | 1.4 | 49 |
| 30 | Bile acids promote diethylnitrosamine-induced hepatocellular carcinoma via increased inflammatory signaling. American Journal of Physiology - Renal Physiology, 2016, 311, G91-G104. | 1.6 | 45 |
| 31 | Dual catenin loss in murine liver causes tight junctional deregulation and progressive intrahepatic cholestasis. Hepatology, 2018, 67, 2320-2337. | 3.6 | 40 |
| 32 | Why is elevation of serum cholesterol associated with exposure to perfluoroalkyl substances (PFAS) in humans? A workshop report on potential mechanisms. Toxicology, 2021, 459, 152845. | 2.0 | 40 |
| 33 | Mechanisms and biomarkers of liver regeneration after drug-induced liver injury. Advances in Pharmacology, 2019, 85, 241-262. | 1.2 | 38 |
| 34 | Pleiotropic Role of p53 in Injury and Liver Regeneration after Acetaminophen Overdose. American Journal of Pathology, 2018, 188, 1406-1418. | 1.9 | 36 |
| 35 | A negative reciprocal regulatory axis between cyclin D1 and HNF4Î± modulates cell cycle progression and metabolism in the liver. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17177-17186. | 3.3 | 34 |
| 36 | Yes-associated protein is involved in proliferation and differentiation during postnatal liver development. American Journal of Physiology - Renal Physiology, 2012, 302, G493-G503. | 1.6 | 33 |

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|---|---|---|---|
| 37 | Inhibition of Glycogen Synthase Kinase 3 Accelerated Liver Regeneration after Acetaminophen-Induced Hepatotoxicity in Mice. American Journal of Pathology, 2017, 187, 543-552. | 1.9 | 31 |
| 38 | Modulation of O-GlcNAc Levels in the Liver Impacts Acetaminophen-Induced Liver Injury by Affecting Protein Adduct Formation and Glutathione Synthesis. Toxicological Sciences, 2018, 162, 599-610. | 1.4 | 26 |
| 39 | The inhibitor of glycerol 3-phosphate acyltransferase FSG67 blunts liver regeneration after acetaminophen overdose by altering GSK3Î² and Wnt/Î²-catenin signaling. Food and Chemical Toxicology, 2019, 125, 279-288. | 1.8 | 24 |
| 40 | Progressive loss of hepatocyte nuclear factor 4 alpha activity in chronic liver diseases in humans. Hepatology, 2022, 76, 372-386. | 3.6 | 24 |
| 41 | Paradoxical Protective Effect of Perfluorooctanesulfonic Acid Against High-Fat Dietâ€“Induced Hepatic Steatosis in Mice. International Journal of Toxicology, 2018, 37, 383-392. | 0.6 | 22 |
| 42 | DNA Damage Response Regulates Initiation of Liver Regeneration Following Acetaminophen Overdose. Gene Expression, 2018, 18, 115-123. | 0.5 | 21 |
| 43 | Disruption of Estrogen Receptor Alpha in Rats Results in Faster Initiation of Compensatory Regeneration Despite Higher Liver Injury After Carbon Tetrachloride Treatment. International Journal of Toxicology, 2017, 36, 199-206. | 0.6 | 18 |
| 44 | Leukocyte cell derived chemotaxin-2 (Lect2) as a predictor of survival in adult acute liver failure. Translational Gastroenterology and Hepatology, 2019, 4, 17-17. | 1.5 | 18 |
| 45 | Regulation of Liver Regeneration by Hepatocyte O-GlcNAcylation in Mice. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1510-1529. | 2.3 | 18 |
| 46 | Mg<sup>2+</sup>/Mn<sup>2+</sup>-Dependent Phosphatase 1A Is Involved in Regulating Pregnane X Receptorâ€“Mediated Cytochrome p450 3A4 Gene Expression. Drug Metabolism and Disposition, 2015, 43, 385-391. | 1.7 | 16 |
| 47 | GenX induces fibroinflammatory gene expression in primary human hepatocytes. Toxicology, 2022, 477, 153259. | 2.0 | 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. Gene Expression, 2016, 17, 35-45. | 0.5 | 10 |
| 50 | Increased YAP Activation Is Associated With Hepatic Cyst Epithelial Cell Proliferation in ARPKD/CHF. Gene Expression, 2017, 17, 313-326. | 0.5 | 10 |
| 51 | Global gene expression changes in liver following hepatocyte nuclear factor 4 alpha deletion in adult mice. Genomics Data, 2015, 5, 126-128. | 1.3 | 9 |
| 52 | Evidence for a â€œPathogenic Triumvirateâ€•in Congenital Hepatic Fibrosis in Autosomal Recessive Polycystic Kidney Disease. BioMed Research International, 2016, 2016, 1-10. | 0.9 | 9 |
| 53 | Inhibition of Mast Cell Degranulation With Cromolyn Sodium Exhibits Organ-Specific Effects in Polycystic Kidney (PCK) Rats. International Journal of Toxicology, 2018, 37, 308-326. | 0.6 | 9 |
| 54 | Acetaminophen Test Battery (ATB): A Comprehensive Method to Study Acetaminophen-Induced Acute Liver Injury. Gene Expression, 2020, 20, 125-138. | 0.5 | 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. Food and Chemical Toxicology, 2020, 139, 111186. | 1.8 | 8 |
| 56 | Hepatocyte-Specific Deletion of Yes-Associated Protein Improves Recovery From Acetaminophen-Induced Acute Liver Injury. Toxicological Sciences, 2021, 184, 276-285. | 1.4 | 8 |
| 57 | A Brief Report of Immunohistochemical Markers to Identify Aggressive Hepatoblastoma. Applied Immunohistochemistry and Molecular Morphology, 2018, 26, 654-657. | 0.6 | 7 |
| 58 | IFTâ€A deficiency in juvenile mice impairs biliary development and exacerbates ADPKD liver disease. Journal of Pathology, 2021, 254, 289-302. | 2.1 | 7 |
| 59 | Wnt/Î²-Catenin Signaling Drives Thioacetamide-Mediated Heteroprotection Against Acetaminophen-Induced Lethal Liver Injury. Dose-Response, 2017, 15, 155932581769028. | 0.7 | 6 |
| 60 | Mutational mimics of allosteric effectors: a genome editing design to validate allosteric drug targets. Scientific Reports, 2019, 9, 9031. | 1.6 | 6 |
| 61 | Hepatocyte-Specific Hepatocyte Nuclear Factor 4 Alpha (HNF4) Deletion Decreases Resting Energy Expenditure by Disrupting Lipid and Carbohydrate Homeostasis. Gene Expression, 2021, 20, 157-168. | 0.5 | 4 |
| 62 | O-GlcNAc cycling mediates energy balance by regulating caloric memory. Appetite, 2021, 165, 105320. | 1.8 | 4 |
| 63 | Dual Î²-Catenin and Î³-Catenin Loss in Hepatocytes Impacts Their Polarity through Altered Transforming Growth Factor-Î² and Hepatocyte Nuclear Factor 4Î± Signaling. American Journal of Pathology, 2021, 191, 885-901. | 1.9 | 3 |
| 64 | Mechanisms of Termination of Liver Regeneration. , 2015, , 103-111. | | 2 |
| 65 | Deciphering the Cellâ€Specific Role of Wnts in the Liver: New Tools for a Difficult Task. Hepatology, 2018, 68, 412-414. | 3.6 | 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?. Hepatology, 2017, 66, 1381-1383. | 3.6 | 1 |
| 68 | Bile Acids: Connecting Link Between Autophagy and Gut Microbiome. Cellular and Molecular Gastroenterology and Hepatology, 2021, 11, 1209-1210. | 2.3 | 1 |
| 69 | Bile acid depletion increases susceptibility to acetaminophenâ€induced hepatotoxicity in mice. FASEB Journal, 2013, 27, 387.1. | 0.2 | 1 |
| 70 | The Benevolent Bile: Bile Acids as Stimulants of Liver Regeneration. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1478-1480. | 2.3 | 1 |
| 71 | Extracellular Signals Involved in Liver Regeneration. , 2015, , 65-75. | | 0 |
| 72 | Integrinâ€linked kinase KO mice display abnormal liver histology and hepatomegaly following partial hepatectomy. FASEB Journal, 2008, 22, 465.9. | 0.2 | 0 |

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|---|---|---|---|
| 73 | Role of Hippo Kinase Pathway In Pathogenesis of Hepatocellular Carcinoma.. FASEB Journal, 2009, 23, 117.11. | 0.2 | 0 |
| 74 | Yesâ€associated protein expression is induced in hepatocellular carcinoma and is responsive to cell density.. FASEB Journal, 2010, 24, 349.5. | 0.2 | 0 |
| 75 | Hepatocyte Nuclear Factor 4 alpha (HNF4Î±) is involved in regulation of hepatocyte proliferation. FASEB Journal, 2010, 24, 236.2. | 0.2 | 0 |
| 76 | Modulation of autophagy by bile acids in hepatocytes and liver. FASEB Journal, 2012, 26, 396.4. | 0.2 | 0 |
| 77 | Hepatocyte Nuclear Factor 4 alpha (HNF4Î±) Knockdown Stimulates Proâ€Mitogenic Gene Expression in Hepatocytes. FASEB Journal, 2012, 26, 274.7. | 0.2 | 0 |
| 78 | Liver Specific Knockout Atg5 Causes Persistent Activation of Nrf2 and Protects Against Acetaminophenâ€Induced Liver Injury. FASEB Journal, 2012, 26, 396.3. | 0.2 | 0 |
| 79 | Role of bile acids in autophagy and alcoholâ€induced liver injury. FASEB Journal, 2013, 27, 1086.5. | 0.2 | 0 |
| 80 | Role of Hepatocyte Nuclear Factor 4 alpha in Promotion of Hepatocellular Carcinoma. FASEB Journal, 2013, 27, 387.11. | 0.2 | 0 |
| 81 | Bile Acids Promote Diethylnitrosamineâ€Induced Hepatocellular Carcinoma via Increased Inflammatory Signaling.. FASEB Journal, 2015, 29, 45.9. | 0.2 | 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. | 0.2 | 0 |
| 83 | Rebuttal to: MelancholÃ©: the Dark Side of Bile Acids and Its Cellular Consequences. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1477. | 2.3 | 0 |