# M Bishr Omary

List of Publications by Year
in descending order



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|---|---|---|---|
| 206 papers | 13,404 citations | 15495 65 h-index | 25770 108 g-index |
| 214 all docs | 214 docs citations | 214 times ranked | 12650 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | New consensus nomenclature for mammalian keratins. Journal of Cell Biology, 2006, 174, 169-174. | 2.3 | 630 |
| 2 | â€˜Hardâ€™ and â€˜softâ€™ principles defining the structure, function and regulation of keratin intermediate filaments. Current Opinion in Cell Biology, 2002, 14, 110-122. | 2.6 | 614 |
| 3 | The pancreatic stellate cell: a star on the rise in pancreatic diseases. Journal of Clinical Investigation, 2007, 117, 50-59. | 3.9 | 588 |
| 4 | Intermediate Filament Proteins and Their Associated Diseases. New England Journal of Medicine, 2004, 351, 2087-2100. | 13.9 | 434 |
| 5 | Post-translational modifications of intermediate filament proteins: mechanisms and functions. Nature Reviews Molecular Cell Biology, 2014, 15, 163-177. | 16.1 | 409 |
| 6 | From Mallory to Malloryâ€“Denk bodies: What, how and why?. Experimental Cell Research, 2007, 313, 2033-2049. | 1.2 | 304 |
| 7 | â€˜Heads and tailsâ€™ of intermediate filament phosphorylation: multiple sites and functional insights. Trends in Biochemical Sciences, 2006, 31, 383-394. | 3.7 | 258 |
| 8 | Sphingosylphosphorylcholine regulates keratin network architecture and visco-elastic properties of human cancer cells. Nature Cell Biology, 2003, 5, 803-811. | 4.6 | 234 |
| 9 | Toward unraveling the complexity of simple epithelial keratins in human disease. Journal of Clinical Investigation, 2009, 119, 1794-1805. | 3.9 | 231 |
| 10 | Epidemiology of Alcohol-Related Liver and Pancreatic Disease in the United States. Archives of Internal Medicine, 2008, 168, 649. | 4.3 | 228 |
| 11 | Cellular integrity plus: organelle-related and protein-targeting functions of intermediate filaments. Trends in Cell Biology, 2005, 15, 608-617. | 3.6 | 227 |
| 12 | Apoptosis Generates Stable Fragments of Human Type I Keratins. Journal of Biological Chemistry, 1997, 272, 33197-33203. | 1.6 | 210 |
| 13 | Human cell-surface glycoprotein with unusual properties. Nature, 1980, 286, 888-891. | 13.7 | 196 |
| 14 | Keratin 8/18 breakdown and reorganization during apoptosis. Experimental Cell Research, 2004, 297, 11-26. | 1.2 | 177 |
| 15 | Extracellular Transglutaminase 2 Is Catalytically Inactive, but Is Transiently Activated upon Tissue Injury. PLoS ONE, 2008, 3, e1861. | 1.1 | 174 |
| 16 | Types I and II Keratin Intermediate Filaments. Cold Spring Harbor Perspectives in Biology, 2018, 10, a018275. | 2.3 | 171 |
| 17 | Keratin 8 Mutations in Patients with Cryptogenic Liver Disease. New England Journal of Medicine, 2001, 344, 1580-1587. | 13.9 | 163 |
| 18 | Keratin binding to 14-3-3 proteins modulates keratin filaments and hepatocyte mitotic progression. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4373-4378. | 3.3 | 162 |

| # | Article | IF | Citations |
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| 19 | Chemistry and Biology of Dihydroisoxazole Derivatives: Selective Inhibitors of Human Transglutaminase 2. Chemistry and Biology, 2005, 12, 469-475. | 6.2 | 154 |
| 20 | Tumor-selective proteotoxicity of verteporfin inhibits colon cancer progression independently of YAP1. Science Signaling, 2015, 8, ra98. | 1.6 | 152 |
| 21 | A disease- and phosphorylation-related nonmechanical function for keratin 8. Journal of Cell Biology, 2006, 174, 115-125. | 2.3 | 151 |
| 22 | Keratins Turn over by Ubiquitination in a Phosphorylation-Modulated Fashion. Journal of Cell Biology, 2000, 149, 547-552. | 2.3 | 150 |
| 23 | Keratins let liver live: Mutations predispose to liver disease and crosslinking generates Mallory-Denk bodies. Hepatology, 2007, 46, 1639-1649. | 3.6 | 148 |
| 24 | Keratins: Guardians of the liver. Hepatology, 2002, 35, 251-257. | 3.6 | 143 |
| 25 | Gene Expression Profiling Reveals Stromal Genes Expressed in Common Between Barrettâ€™s Esophagus and Adenocarcinoma. Gastroenterology, 2006, 131, 925-933. | 0.6 | 137 |
| 26 | â€œIF-pathiesâ€• a broad spectrum of intermediate filamentâ€"associated diseases. Journal of Clinical Investigation, 2009, 119, 1756-1762. | 3.9 | 135 |
| 27 | The COVID-19 pandemic and research shutdown: staying safe and productive. Journal of Clinical Investigation, 2020, 130, 2745-2748. | 3.9 | 125 |
| 28 | Autophagy activation by rapamycin eliminates mouse Mallory-Denk bodies and blocks their proteasome inhibitor-mediated formation. Hepatology, 2008, 47, 2026-2035. | 3.6 | 119 |
| 29 | Keratins modulate colonocyte electrolyte transport via protein mistargeting. Journal of Cell Biology, 2004, 164, 911-921. | 2.3 | 118 |
| 30 | Keratin 8 Phosphorylation by Protein Kinase C Î´ Regulates Shear Stress-mediated Disassembly of Keratin Intermediate Filaments in Alveolar Epithelial Cells. Journal of Biological Chemistry, 2005, 280, 30400-30405. | 1.6 | 114 |
| 31 | Keratin 8 Phosphorylation by p38 Kinase Regulates Cellular Keratin Filament Reorganization. Journal of Biological Chemistry, 2002, 277, 10775-10782. | 1.6 | 113 |
| 32 | Hemin-activated macrophages home to the pancreas and protect from acute pancreatitis via heme oxygenase-1 induction. Journal of Clinical Investigation, 2005, 115, 3007-3014. | 3.9 | 113 |
| 33 | Stress, Apoptosis, and Mitosis Induce Phosphorylation of Human Keratin 8 at Ser-73 in Tissues and Cultured Cells. Journal of Biological Chemistry, 1997, 272, 17565-17573. | 1.6 | 111 |
| 34 | Cytoskeletal keratin glycosylation protects epithelial tissue from injury. Nature Cell Biology, 2010, 12, 876-885. | 4.6 | 111 |
| 35 | The cytoskeleton of digestive epithelia in health and disease. American Journal of Physiology - Renal Physiology, 1999, 277, G1108-G1137. | 1.6 | 109 |
| 36 | Wnt/Î²-Catenin Signaling Protects Mouse Liver against Oxidative Stress-induced Apoptosis through the Inhibition of Forkhead Transcription Factor FoxO3. Journal of Biological Chemistry, 2013, 288, 17214-17224. | 1.6 | 109 |

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| 37 | Ineffectual Type 2â€“toâ€“Type 1 Alveolar Epithelial Cell Differentiation in Idiopathic Pulmonary Fibrosis: Persistence of the KRT8<sup>hi</sup> Transitional State. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1443-1447. | 2.5 | 107 |
| 38 | The Intermediate Filament Protein Keratin 8 Is a Novel Cytoplasmic Substrate for c-Jun N-terminal Kinase. Journal of Biological Chemistry, 2002, 277, 10767-10774. | 1.6 | 103 |
| 39 | Implications of intermediate filament protein phosphorylation. Cancer and Metastasis Reviews, 1996, 15, 429-444. | 2.7 | 101 |
| 40 | Phosphorylation of Human Keratin 8 in Vivo at Conserved Head Domain Serine 23 and at Epidermal Growth Factor-stimulated Tail Domain Serine 431. Journal of Biological Chemistry, 1997, 272, 7556-7564. | 1.6 | 97 |
| 41 | Keratin mutation in transgenic mice predisposes to Fas but not TNF-induced apoptosis and massive liver injury. Hepatology, 2003, 37, 1006-1014. | 3.6 | 96 |
| 42 | Underrepresentation of Underrepresented Minorities in Academic Medicine: The Need to Enhance the Pipeline and the Pipe. Gastroenterology, 2010, 138, 19-26.e3. | 0.6 | 96 |
| 43 | Keratin 8 and 18 mutations are risk factors for developing liver disease of multiple etiologies. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6063-6068. | 3.3 | 95 |
| 44 | Keratins: Biomarkers and modulators of apoptotic and necrotic cell death in the liver. Hepatology, 2016, 64, 966-976. | 3.6 | 95 |
| 45 | Structural heterogeneity of human Pgp-1 and its relationship with p85. Immunogenetics, 1988, 27, 460-464. | 1.2 | 93 |
| 46 | Mutation of a Major Keratin Phosphorylation Site Predisposes to Hepatotoxic Injury in Transgenic Mice. Journal of Cell Biology, 1998, 143, 2023-2032. | 2.3 | 93 |
| 47 | Functional Analysis of the Human Papillomavirus Type 16 E1 âˆ§ E4 Protein Provides a Mechanism for In Vivo and In Vitro Keratin Filament Reorganization. Journal of Virology, 2004, 78, 821-833. | 1.5 | 90 |
| 48 | Hepatocyte Cytokeratins Are Hyperphosphorylated at Multiple Sites in Human Alcoholic Hepatitis and in a Mallory Body Mouse Model. American Journal of Pathology, 2000, 156, 77-90. | 1.9 | 89 |
| 49 | Keratin-8-deficient mice develop chronic spontaneous Th2 colitis amenable to antibiotic treatment. Journal of Cell Science, 2005, 118, 1971-1980. | 1.2 | 84 |
| 50 | Keratin 20 Helps Maintain Intermediate Filament Organization in Intestinal Epithelia. Molecular Biology of the Cell, 2003, 14, 2959-2971. | 0.9 | 83 |
| 51 | Absence of keratin 19 in mice causes skeletal myopathy with mitochondrial and sarcolemmal reorganization. Journal of Cell Science, 2007, 120, 3999-4008. | 1.2 | 83 |
| 52 | Keratin 8 phosphorylation regulates keratin reorganization and migration of epithelial tumor cells. Journal of Cell Science, 2012, 125, 2148-2159. | 1.2 | 80 |
| 53 | Mouse hepatocyte overexpression of NFâ€ºBâ€inducing kinase (NIK) triggers fatal macrophageâ€dependent liver injury and fibrosis. Hepatology, 2014, 60, 2065-2076. | 3.6 | 80 |
| 54 | Keratin 8 and 18 hyperphosphorylation is a marker of progression of human liver disease. Hepatology, 2004, 40, 459-466. | 3.6 | 79 |

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| 55 | Lipogenic transcription factor ChREBP mediates fructose-induced metabolic adaptations to prevent hepatotoxicity. Journal of Clinical Investigation, 2017, 127, 2855-2867. | 3.9 | 79 |
| 56 | Bile salts induce or blunt cell proliferation in Barrett's esophagus in an acid-dependent fashion. American Journal of Physiology - Renal Physiology, 2000, 278, G1000-G1009. | 1.6 | 76 |
| 57 | Type II Keratins Are Phosphorylated on a Unique Motif during Stress and Mitosis in Tissues and Cultured Cells. Molecular Biology of the Cell, 2002, 13, 1857-1870. | 0.9 | 76 |
| 58 | Studying Simple Epithelial Keratins in Cells and Tissues. Methods in Cell Biology, 2004, 78, 489-517. | 0.5 | 74 |
| 59 | Effect of Mutation and Phosphorylation of Type I Keratins on Their Caspase-mediated Degradation. Journal of Biological Chemistry, 2001, 276, 26792-26798. | 1.6 | 72 |
| 60 | Keratin Variants Predispose to Acute Liver Failure and Adverse Outcome: Race and Ethnic Associations. Gastroenterology, 2010, 139, 828-835.e3. | 0.6 | 72 |
| 61 | Spectrum of disease associated with partial lipodystrophy: lessons from a trial cohort. Clinical Endocrinology, 2017, 86, 698-707. | 1.2 | 72 |
| 62 | The hepatic BMAL1/AKT/lipogenesis axis protects against alcoholic liver disease in mice via promoting PPARÎ± pathway. Hepatology, 2018, 68, 883-896. | 3.6 | 72 |
| 63 | Disturbances in hepatic cell-cycle regulation in mice with assembly-deficient keratins 8/18. Hepatology, 2001, 34, 1174-1183. | 3.6 | 68 |
| 64 | Protein phosphatase inhibition in normal and keratin 8/18 assembly-incompetent mouse strains supports a functional role of keratin intermediate filaments in preserving hepatocyte integrity. Hepatology, 1998, 28, 116-128. | 3.6 | 67 |
| 65 | Oxidative stress induces the endoplasmic reticulum stress and facilitates inclusion formation in cultured cells. Journal of Hepatology, 2007, 47, 93-102. | 1.8 | 67 |
| 66 | Unique amino acid signatures that are evolutionarily conserved distinguish simple-type, epidermal and hair keratins. Journal of Cell Science, 2011, 124, 4221-4232. | 1.2 | 67 |
| 67 | Epitope Specificity of 30 Monoclonal Antibodies against Cytokeratin Antigens: The ISOBM TD5-1 Workshop. Tumor Biology, 1998, 19, 132-152. | 0.8 | 66 |
| 68 | Transglutaminase 2 Regulates Mallory Body Inclusion Formation and Injury-Associated Liver Enlargement. Gastroenterology, 2007, 132, 1515-1526. | 0.6 | 66 |
| 69 | Keratins modulate the shape and function of hepatocyte mitochondria: a mechanism for protection from apoptosis. Journal of Cell Science, 2009, 122, 3851-3855. | 1.2 | 64 |
| 70 | Keratin 8 overexpression promotes mouse Mallory body formation. Journal of Cell Biology, 2005, 171, 931-937. | 2.3 | 63 |
| 71 | Keratin Hypersumoylation Alters Filament Dynamics and Is a Marker for Human Liver Disease and Keratin Mutation. Journal of Biological Chemistry, 2011, 286, 2273-2284. | 1.6 | 63 |
| 72 | Keratins as Susceptibility Genes for End-Stage Liver Disease. Gastroenterology, 2005, 129, 885-893. | 0.6 | 62 |

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| 73 | Keratin variants associate with progression of fibrosis during chronic hepatitis C infection. Hepatology, 2006, 43, 1354-1363. | 3.6 | 62 |
| 74 | Identification and Mutational Analysis of the Glycosylation Sites of Human Keratin 18. Journal of Biological Chemistry, 1995, 270, 11820-11827. | 1.6 | 57 |
| 75 | Keratin Mutation Predisposes to Mouse Liver Fibrosis and Unmasks Differential Effects of the Carbon Tetrachloride and Thioacetamide Models. Gastroenterology, 2008, 134, 1169-1179. | 0.6 | 57 |
| 76 | Raf-1 activation disrupts its binding to keratins during cell stress. Journal of Cell Biology, 2004, 166, 479-485. | 2.3 | 53 |
| 77 | HIV-1 infection and expression in human colonic cells. Aids, 1991, 5, 275-282. | 1.0 | 51 |
| 78 | Organ-specific stress induces mouse pancreatic keratin overexpression in association with NF-Î°B activation. Journal of Cell Science, 2004, 117, 1709-1719. | 1.2 | 51 |
| 79 | Absence of keratin 8 confers a paradoxical microflora-dependent resistance to apoptosis in the colon. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1445-1450. | 3.3 | 49 |
| 80 | Gender Dimorphic Formation of Mouse Malloryâ€"Denk Bodies and the Role of Xenobiotic Metabolism and Oxidative Stress. Gastroenterology, 2010, 138, 1607-1617. | 0.6 | 46 |
| 81 | The genetic background modulates susceptibility to mouse liver Mallory-Denk body formation and liver injury. Hepatology, 2008, 48, 943-952. | 3.6 | 45 |
| 82 | Identification of cytokeratins as accessory mediators of Salmonella entry into eukaryotic cellsâ˜†. Life Sciences, 2002, 70, 1415-1426. | 2.0 | 44 |
| 83 | Keratin variants are overrepresented in primary biliary cirrhosis and associate with disease severity. Hepatology, 2009, 50, 546-554. | 3.6 | 44 |
| 84 | Porphyrin-Induced Protein Oxidation and Aggregation as a Mechanism of Porphyria-Associated Cell Injury. Cellular and Molecular Gastroenterology and Hepatology, 2019, 8, 535-548. | 2.3 | 44 |
| 85 | Panhematin provides a therapeutic benefit in experimental pancreatitis. Gut, 2011, 60, 671-679. | 6.1 | 41 |
| 86 | Keratin 8 absence down-regulates colonocyte HMGCS2 and modulates colonic ketogenesis and energy metabolism. Molecular Biology of the Cell, 2015, 26, 2298-2310. | 0.9 | 41 |
| 87 | Analysis of Keratin Polypeptides 8 and 19 Variants in Inflammatory Bowel Disease. Clinical Gastroenterology and Hepatology, 2007, 5, 857-864. | 2.4 | 39 |
| 88 | The Hypoxia-Inducible Factorâ€"C/EBPÎ± Axis Controls Ethanol-Mediated Hepcidin Repression. Molecular and Cellular Biology, 2012, 32, 4068-4077. | 1.1 | 39 |
| 89 | Alternative splicing of human <i>NT5E</i> in cirrhosis and hepatocellular carcinoma produces a negative regulator of ecto-5â€²-nucleotidase (CD73). Molecular Biology of the Cell, 2014, 25, 4024-4033. | 0.9 | 39 |
| 90 | Constitutive release of CPS1 in bile and its role as a protective cytokine during acute liver injury. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9125-9134. | 3.3 | 39 |

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| 91 | Multifocal heterogeneity in villin and Ep-CAM expression in Barrett's esophagus. , 1996, 66, 48-54. | | 38 |
| 92 | Simple epithelial keratins are dispensable for cytoprotection in two pancreatitis models. American Journal of Physiology - Renal Physiology, 2000, 279, G1343-G1354. | 1.6 | 38 |
| 93 | Keratin mutation primes mouse liver to oxidative injury. Hepatology, 2005, 41, 517-525. | 3.6 | 38 |
| 94 | Mentoring the Mentor: Another Tool to Enhance Mentorship. Gastroenterology, 2008, 135, 13-16. | 0.6 | 38 |
| 95 | Characterization of the Major Physiologic Phosphorylation Site of Human Keratin 19 and Its Role in Filament Organization. Journal of Biological Chemistry, 1999, 274, 12861-12866. | 1.6 | 35 |
| 96 | Proteasome inhibition induces inclusion bodies associated with intermediate filaments and fragmentation of the Golgi apparatus. Experimental Cell Research, 2003, 288, 60-69. | 1.2 | 35 |
| 97 | Keratin-8 null mice have different gallbladder and liver susceptibility to lithogenic diet-induced injury. Journal of Cell Science, 2003, 116, 4629-4638. | 1.2 | 35 |
| 98 | Toll Like Receptor 3 Plays a Critical Role in the Progression and Severity of Acetaminophen-Induced Hepatotoxicity. PLoS ONE, 2013, 8, e65899. | 1.1 | 35 |
| 99 | Keratin Overexpression Levels Correlate with the Extent of Spontaneous Pancreatic Injury. American Journal of Pathology, 2008, 172, 882-892. | 1.9 | 34 |
| 100 | Oxidative stress, Nrf2 and keratin up-regulation associate with Mallory-Denk body formation in mouse erythropoietic protoporphyria. Hepatology, 2012, 56, 322-331. | 3.6 | 34 |
| 101 | Glucose and SIRT2 reciprocally mediate the regulation of keratin 8 by lysine acetylation. Journal of Cell Biology, 2013, 200, 241-247. | 2.3 | 34 |
| 102 | Keratin 8 modulates Î²-cell stress responses and normoglycaemia. Journal of Cell Science, 2013, 126, 5635-44. | 1.2 | 34 |
| 103 | Keratin 20 Serine 13 Phosphorylation Is a Stress and Intestinal Goblet Cell Marker*. Journal of Biological Chemistry, 2006, 281, 16453-16461. | 1.6 | 33 |
| 104 | Carbamoyl phosphate synthetase-1 is a rapid turnover biomarker in mouse and human acute liver injury. American Journal of Physiology - Renal Physiology, 2014, 307, G355-G364. | 1.6 | 33 |
| 105 | Keratin 18 overexpression but not phosphorylation or filament organization blocks mouse Mallory body formation. Hepatology, 2007, 45, 88-96. | 3.6 | 32 |
| 106 | Energy determinants GAPDH and NDPK act as genetic modifiers for hepatocyte inclusion formation. Journal of Cell Biology, 2011, 195, 217-229. | 2.3 | 32 |
| 107 | Lamin aggregation is an early sensor of porphyria-induced liver injury. Journal of Cell Science, 2013, 126, 3105-12. | 1.2 | 32 |
| 108 | Protein phosphatase-2A associates with and dephosphorylates keratin 8 after hyposmotic stress in a site- and cell-specific manner. Journal of Cell Science, 2006, 119, 1425-1432. | 1.2 | 31 |

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| 109 | Fibrinogen-Î³ proteolysis and solubility dynamics during apoptotic mouse liver injury: Heparin prevents and treats liver damage. Hepatology, 2011, 53, 1323-1332. | 3.6 | 31 |
| 110 | Keratin 8 phosphorylation regulates its transamidation and hepatocyte Malloryâ€Denk body formation. FASEB Journal, 2012, 26, 2318-2326. | 0.2 | 31 |
| 111 | Intermediate filament proteins of digestive organs: physiology and pathophysiology. American Journal of Physiology - Renal Physiology, 2017, 312, G628-G634. | 1.6 | 31 |
| 112 | Increased coâ€first authorships in biomedical and clinical publications: a call for recognition. FASEB Journal, 2013, 27, 3902-3904. | 0.2 | 30 |
| 113 | Lamins and Lamin-Associated Proteins in Gastrointestinal Health and Disease. Gastroenterology, 2018, 154, 1602-1619.e1. | 0.6 | 30 |
| 114 | Rescue of atypical protein kinase C in epithelia by the cytoskeleton and Hsp70 family chaperones. Journal of Cell Science, 2009, 122, 2491-2503. | 1.2 | 29 |
| 115 | Mutation of keratin 18 caspase digestion sites interferes with filament reorganization and promotes hepatocyte leakiness and necrosis. Journal of Cell Science, 2014, 127, 1464-75. | 1.2 | 29 |
| 116 | Loss of hepatocyte Î²-catenin protects mice from experimental porphyria-associated liver injury. Journal of Hepatology, 2019, 70, 108-117. | 1.8 | 29 |
| 117 | Aggregation and loss of cytokeratin filament networks inhibit Golgi organization in liver-derived epithelial cell lines. Cytoskeleton, 2004, 57, 37-52. | 4.4 | 28 |
| 118 | p38 MAP Kinase and MAPKAP Kinases MK2/3 Cooperatively Phosphorylate Epithelial Keratins*. Journal of Biological Chemistry, 2010, 285, 33242-33251. | 1.6 | 28 |
| 119 | Hepatic NF-kB-inducing kinase (NIK) suppresses mouse liver regeneration in acute and chronic liver diseases. ELife, 2018, 7, . | 2.8 | 28 |
| 120 | Ambient Light Promotes Selective Subcellular Proteotoxicity after Endogenous and Exogenous Porphyrinogenic Stress. Journal of Biological Chemistry, 2015, 290, 23711-23724. | 1.6 | 27 |
| 121 | Hepatocyte-Specific Deletion of Mouse Lamin A/C Leads to Male-Selective Steatohepatitis. Cellular and Molecular Gastroenterology and Hepatology, 2017, 4, 365-383. | 2.3 | 27 |
| 122 | From Intention to Action: Operationalizing AGA Diversity Policy to Combat Racism and Health Disparities in Gastroenterology. Gastroenterology, 2020, 159, 1637-1647. | 0.6 | 27 |
| 123 | Two-dimensional gel analysis of glandular keratin intermediate filament phosphorylation. Electrophoresis, 1996, 17, 1671-1676. | 1.3 | 26 |
| 124 | Hyposmotic Stress Induces Cell Growth Arrest via Proteasome Activation and Cyclin/Cyclin-dependent Kinase Degradation. Journal of Biological Chemistry, 2002, 277, 19295-19303. | 1.6 | 26 |
| 125 | A mutation of keratin 18 within the coil 1A consensus motif causes widespread keratin aggregation but cell type-restricted lethality in mice. Experimental Cell Research, 2007, 313, 3127-3140. | 1.2 | 26 |
| 126 | PKC412 normalizes mutationâ€related keratin filament disruption and hepatic injury in mice by promoting keratinâ€"myosin binding. Hepatology, 2015, 62, 1858-1869. | 3.6 | 26 |

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| 127 | Medullary thymic epithelial NFâ€"kB-inducing kinase (NIK)/IKKÎ± pathway shapes autoimmunity and liver and lung homeostasis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19090-19097. | 3.3 | 25 |
| 128 | Heme oxygenase-1 is induced in peripheral blood mononuclear cells of patients with acute pancreatitis: a potential therapeutic target. American Journal of Physiology - Renal Physiology, 2011, 300, G12-G20. | 1.6 | 23 |
| 129 | CD73 (ecto-5â€²-nucleotidase) hepatocyte levels differ across mouse strains and contribute to mallory-denk body formation. Hepatology, 2013, 58, 1790-1800. | 3.6 | 23 |
| 130 | Reg-II Is an Exocrine Pancreas Injury-Response Product That Is Up-Regulated by Keratin Absence or Mutation. Molecular Biology of the Cell, 2007, 18, 4969-4978. | 0.9 | 22 |
| 131 | Malloryâ€"Denk Bodies Are Associated With Outcomes and Histologic Features in Patients With Chronic Hepatitis C. Clinical Gastroenterology and Hepatology, 2011, 9, 902-909.e1. | 2.4 | 22 |
| 132 | A Conserved Rod Domain Phosphotyrosine That Is Targeted by the Phosphatase PTP1B Promotes Keratin 8 Protein Insolubility and Filament Organization*. Journal of Biological Chemistry, 2013, 288, 31329-31337. | 1.6 | 22 |
| 133 | Acknowledging Joint First Authors of Published Work: The Time Has Come. Gastroenterology, 2012, 143, 879-880. | 0.6 | 21 |
| 134 | A precursorâ€inducible zebrafish model of acute protoporphyria with hepatic protein aggregation and multiorganelle stress. FASEB Journal, 2016, 30, 1798-1810. | 0.2 | 21 |
| 135 | E4BP4 is an insulin-induced stabilizer of nuclear SREBP-1c and promotes SREBP-1c-mediated lipogenesis. Journal of Lipid Research, 2016, 57, 1219-1230. | 2.0 | 21 |
| 136 | â€œToxic memoryâ€•via chaperone modification is a potential mechanism for rapid mallory-denk body reinduction. Hepatology, 2008, 48, 931-942. | 3.6 | 20 |
| 137 | Human keratin 8 variants promote mouse acetaminophen hepatotoxicity coupled with câ€jun aminoâ€terminal kinase activation and protein adduct formation. Hepatology, 2015, 62, 876-886. | 3.6 | 20 |
| 138 | Assays for Posttranslational Modifications of Intermediate Filament Proteins. Methods in Enzymology, 2016, 568, 113-138. | 0.4 | 20 |
| 139 | Biochemical and morphological differentiation of the human colonic epithelial cell line SW620 in the presence of dimethylsulfoxide. Journal of Cellular Biochemistry, 1992, 48, 316-323. | 1.2 | 19 |
| 140 | Nuclear lamina genetic variants, including a truncated LAP2, in twins and siblings with nonalcoholic fatty liver disease. Hepatology, 2018, 67, 1710-1725. | 3.6 | 19 |
| 141 | Oxygen and Conformation Dependent Protein Oxidation and Aggregation by Porphyrins in Hepatocytes and Light-Exposed Cells. Cellular and Molecular Gastroenterology and Hepatology, 2019, 8, 659-682.e1. | 2.3 | 19 |
| 142 | Actin overexpression parallels severity of pancreatic injury. Experimental Cell Research, 2004, 299, 404-414. | 1.2 | 18 |
| 143 | Prevalence of genetic variants of keratins 8 and 18 in patients with drug-induced liver injury. BMC Medicine, 2015, 13, 196. | 2.3 | 17 |
| 144 | The sweet side of vimentin. ELife, 2018, 7, . | 2.8 | 17 |

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| 145 | Genotypeâ€•phenotype analysis of<i>LMNA</i>â€•related diseases predicts phenotypeâ€•selective alterations in lamin phosphorylation. FASEB Journal, 2020, 34, 9051-9073. | 0.2 | 17 |
| 146 | Human Ran Cysteine 112 Oxidation by Pervanadate Regulates Its Binding to Keratins. Journal of Biological Chemistry, 2005, 280, 12162-12167. | 1.6 | 16 |
| 147 | Gene expression changes associated with Barrett's esophagus and Barrett's-associated adenocarcinoma cell lines after acid or bile salt exposure. BMC Gastroenterology, 2007, 7, 24. | 0.8 | 16 |
| 148 | High-Throughput Screening for Drugs that Modulate Intermediate Filament Proteins. Methods in Enzymology, 2016, 568, 163-185. | 0.4 | 16 |
| 149 | Bispecific and human disease-related anti-keratin rabbit monoclonal antibodies. Experimental Cell Research, 2006, 312, 411-422. | 1.2 | 15 |
| 150 | Tumorâ€•Selective Altered Glycosylation and Functional Attenuation of CD73 in Human Hepatocellular Carcinoma. Hepatology Communications, 2019, 3, 1400-1414. | 2.0 | 15 |
| 151 | Characterization of In Vivo Keratin 19 Phosphorylation on Tyrosine-391. PLoS ONE, 2010, 5, e13538. | 1.1 | 15 |
| 152 | Method of cell handling affects leakiness of cell surface labeling and detection of intracellular keratins. Cytoskeleton, 1993, 26, 77-87. | 4.4 | 14 |
| 153 | Keratin-containing inclusions affect cell morphology and distribution of cytosolic cellular components. Experimental Cell Research, 2005, 304, 471-482. | 1.2 | 14 |
| 154 | Pharmacologic transglutaminase inhibition attenuates drug-primed liver hypertrophy but not Mallory body formation. FEBS Letters, 2006, 580, 2351-2357. | 1.3 | 14 |
| 155 | Denaturing temperature selection may underestimate keratin mutation detection by DHPLC. Human Mutation, 2006, 27, 444-452. | 1.1 | 14 |
| 156 | HIF1-alpha Regulates Acinar Cell Function and Response to Injury in Mouse Pancreas. Gastroenterology, 2018, 154, 1630-1634.e3. | 0.6 | 14 |
| 157 | Reciprocal keratin 18 Ser48 O-GlcNAcylation and Ser52 phosphorylation using peptide analysis. Biochemical and Biophysical Research Communications, 2006, 351, 708-712. | 1.0 | 13 |
| 158 | Skin care by keratins. Nature, 2006, 441, 296-297. | 13.7 | 13 |
| 159 | Modulation of cytoskeletal dynamics by mammalian nucleoside diphosphate kinase (NDPK) proteins. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 189-197. | 1.4 | 13 |
| 160 | Not all mice are the same: Standardization of animal research data presentation. Hepatology, 2016, 63, 1752-1754. | 3.6 | 13 |
| 161 | Absence of keratin 8 or 18 promotes antimitochondrial autoantibody formation in aging male mice. FASEB Journal, 2015, 29, 5081-5089. | 0.2 | 12 |
| 162 | Absence of keratins 8 and 18 in rodent epithelial cell lines associates with keratin gene mutation and DNA methylation: Cell line selective effects on cell invasion. Experimental Cell Research, 2015, 335, 12-22. | 1.2 | 12 |

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