M Bishr Omary

List of Publications by Citations

189 papers	11,215 citations	60 h-index	100 g-index
214 ext. papers	12,413 ext. citations	8.4 avg, IF	6.28 L-index

#	Paper	IF	Citations
189	Hard and soft principles defining the structure, function and regulation of keratin intermediate filaments. *Current Opinion in Cell Biology*, **2002**, 14, 110-22	9	535
188	New consensus nomenclature for mammalian keratins. *Journal of Cell Biology*, **2006**, 174, 169-74	7.3	524
187	The pancreatic stellate cell: a star on the rise in pancreatic diseases. *Journal of Clinical Investigation*, **2007**, 117, 50-9	15.9	474
186	Intermediate filament proteins and their associated diseases. *New England Journal of Medicine*, **2004**, 351, 2087-100	59.2	392
185	Post-translational modifications of intermediate filament proteins: mechanisms and functions. *Nature Reviews Molecular Cell Biology*, **2014**, 15, 163-77	48.7	320
184	From Mallory to Mallory-Denk bodies: what, how and why?. *Experimental Cell Research*, **2007**, 313, 2033-49	4.2	252
183	"Heads and tails" of intermediate filament phosphorylation: multiple sites and functional insights. *Trends in Biochemical Sciences*, **2006**, 31, 383-94	10.3	233
182	Sphingosylphosphorylcholine regulates keratin network architecture and visco-elastic properties of human cancer cells. *Nature Cell Biology*, **2003**, 5, 803-11	23.4	216
181	Cellular integrity plus: organelle-related and protein-targeting functions of intermediate filaments. *Trends in Cell Biology*, **2005**, 15, 608-17	18.3	209
180	Toward unraveling the complexity of simple epithelial keratins in human disease. *Journal of Clinical Investigation*, **2009**, 119, 1794-805	15.9	192
179	Apoptosis generates stable fragments of human type I keratins. *Journal of Biological Chemistry*, **1997**, 272, 33197-203	5.4	183
178	Epidemiology of alcohol-related liver and pancreatic disease in the United States. *Archives of Internal Medicine*, **2008**, 168, 649-56		183
177	Human cell-surface glycoprotein with unusual properties. *Nature*, **1980**, 286, 888-91	50.4	172
176	Keratin 8/18 breakdown and reorganization during apoptosis. *Experimental Cell Research*, **2004**, 297, 11-26	4.2	164
175	Keratin 8 mutations in patients with cryptogenic liver disease. *New England Journal of Medicine*, **2001**, 344, 1580-7	59.2	156
174	Extracellular transglutaminase 2 is catalytically inactive, but is transiently activated upon tissue injury. *PLoS ONE*, **2008**, 3, e1861	3.7	148
173	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, 4373-8	11.5	146

172	Keratins turn over by ubiquitination in a phosphorylation-modulated fashion. *Journal of Cell Biology* , **2000**, 149, 547-52	7.3	139
171	Chemistry and biology of dihydroisoxazole derivatives: selective inhibitors of human transglutaminase 2. *Chemistry and Biology*, **2005**, 12, 469-75		137
170	A disease- and phosphorylation-related nonmechanical function for keratin 8. *Journal of Cell Biology*, **2006**, 174, 115-25	7.3	135
169	Keratins let liver live: Mutations predispose to liver disease and crosslinking generates Mallory-Denk bodies. *Hepatology*, **2007**, 46, 1639-49	11.2	130
168	Keratins: guardians of the liver. *Hepatology*, **2002**, 35, 251-7	11.2	129
167	Gene expression profiling reveals stromal genes expressed in common between Barrett's esophagus and adenocarcinoma. *Gastroenterology*, **2006**, 131, 925-33	13.3	124
166	Tumor-selective proteotoxicity of verteporfin inhibits colon cancer progression independently of YAP1. *Science Signaling*, **2015**, 8, ra98	8.8	114
165	"IF-pathies": a broad spectrum of intermediate filament-associated diseases. *Journal of Clinical Investigation*, **2009**, 119, 1756-62	15.9	114
164	Autophagy activation by rapamycin eliminates mouse Mallory-Denk bodies and blocks their proteasome inhibitor-mediated formation. *Hepatology*, **2008**, 47, 2026-35	11.2	108
163	Keratins modulate colonocyte electrolyte transport via protein mistargeting. *Journal of Cell Biology* , **2004**, 164, 911-21	7.3	106
162	Stress, apoptosis, and mitosis induce phosphorylation of human keratin 8 at Ser-73 in tissues and cultured cells. *Journal of Biological Chemistry*, **1997**, 272, 17565-73	5.4	105
161	Keratin 8 phosphorylation by p38 kinase regulates cellular keratin filament reorganization: modulation by a keratin 1-like disease causing mutation. *Journal of Biological Chemistry*, **2002**, 277, 10775-82	5.4	105
160	Keratin 8 phosphorylation by protein kinase C delta regulates shear stress-mediated disassembly of keratin intermediate filaments in alveolar epithelial cells. *Journal of Biological Chemistry*, **2005**, 280, 30400-5	5.4	102
159	Hemin-activated macrophages home to the pancreas and protect from acute pancreatitis via heme oxygenase-1 induction. *Journal of Clinical Investigation*, **2005**, 115, 3007-14	15.9	99
158	Implications of intermediate filament protein phosphorylation. *Cancer and Metastasis Reviews*, **1996**, 15, 429-44	9.6	98
157	Types I and II Keratin Intermediate Filaments. *Cold Spring Harbor Perspectives in Biology*, **2018**, 10,	10.2	96
156	Cytoskeletal keratin glycosylation protects epithelial tissue from injury. *Nature Cell Biology*, **2010**, 12, 876-85	23.4	94
155	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, 7556-64	5.4	93

154	The intermediate filament protein keratin 8 is a novel cytoplasmic substrate for c-Jun N-terminal kinase. *Journal of Biological Chemistry*, **2002**, 277, 10767-74	5.4	91
153	Wnt/Ecatenin signaling protects mouse liver against oxidative stress-induced apoptosis through the inhibition of forkhead transcription factor FoxO3. *Journal of Biological Chemistry*, **2013**, 288, 17214-24	5.4	89
152	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, 6063-8	11.5	89
151	Mutation of a major keratin phosphorylation site predisposes to hepatotoxic injury in transgenic mice. *Journal of Cell Biology*, **1998**, 143, 2023-32	7.3	89
150	Structural heterogeneity of human Pgp-1 and its relationship with p85. *Immunogenetics*, **1988**, 27, 460-4	3.2	89
149	The cytoskeleton of digestive epithelia in health and disease. *American Journal of Physiology - Renal Physiology*, **1999**, 277, G1108-37	5.1	83
148	Functional analysis of the human papillomavirus type 16 E1=E4 protein provides a mechanism for in vivo and in vitro keratin filament reorganization. *Journal of Virology*, **2004**, 78, 821-33	6.6	82
147	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	5.8	81
146	Keratin mutation in transgenic mice predisposes to Fas but not TNF-induced apoptosis and massive liver injury. *Hepatology*, **2003**, 37, 1006-14	11.2	80
145	Absence of keratin 19 in mice causes skeletal myopathy with mitochondrial and sarcolemmal reorganization. *Journal of Cell Science*, **2007**, 120, 3999-4008	5.3	76
144	Keratin-8-deficient mice develop chronic spontaneous Th2 colitis amenable to antibiotic treatment. *Journal of Cell Science*, **2005**, 118, 1971-80	5.3	74
143	Keratin 20 helps maintain intermediate filament organization in intestinal epithelia. *Molecular Biology of the Cell*, **2003**, 14, 2959-71	3.5	73
142	Keratin 8 phosphorylation regulates keratin reorganization and migration of epithelial tumor cells. *Journal of Cell Science*, **2012**, 125, 2148-59	5.3	71
141	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, 1857-70	3.5	71
140	The COVID-19 pandemic and research shutdown: staying safe and productive. *Journal of Clinical Investigation*, **2020**, 130, 2745-2748	15.9	71
139	Keratin 8 and 18 hyperphosphorylation is a marker of progression of human liver disease. *Hepatology*, **2004**, 40, 459-66	11.2	70
138	Studying simple epithelial keratins in cells and tissues. *Methods in Cell Biology*, **2004**, 78, 489-517	1.8	67
137	Bile salts induce or blunt cell proliferation in Barrett3 esophagus in an acid-dependent fashion. *American Journal of Physiology - Renal Physiology*, **2000**, 278, G1000-9	5.1	67

136	Effect of mutation and phosphorylation of type I keratins on their caspase-mediated degradation. *Journal of Biological Chemistry*, **2001**, 276, 26792-8	5.4	65
135	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, 116-28	11.2	64
134	Oxidative stress induces the endoplasmic reticulum stress and facilitates inclusion formation in cultured cells. *Journal of Hepatology*, **2007**, 47, 93-102	13.4	64
133	Transglutaminase 2 regulates mallory body inclusion formation and injury-associated liver enlargement. *Gastroenterology*, **2007**, 132, 1515-26	13.3	62
132	Keratin 8 overexpression promotes mouse Mallory body formation. *Journal of Cell Biology*, **2005**, 171, 931-7	7.3	61
131	Keratins: Biomarkers and modulators of apoptotic and necrotic cell death in the liver. *Hepatology*, **2016**, 64, 966-76	11.2	61
130	Mouse hepatocyte overexpression of NF-B-inducing kinase (NIK) triggers fatal macrophage-dependent liver injury and fibrosis. *Hepatology*, **2014**, 60, 2065-76	11.2	60
129	Disturbances in hepatic cell-cycle regulation in mice with assembly-deficient keratins 8/18. *Hepatology*, **2001**, 34, 1174-83	11.2	60
128	Epitope specificity of 30 monoclonal antibodies against cytokeratin antigens: the ISOBM TD5-1 Workshop. *Tumor Biology*, **1998**, 19, 132-52	2.9	60
127	Lipogenic transcription factor ChREBP mediates fructose-induced metabolic adaptations to prevent hepatotoxicity. *Journal of Clinical Investigation*, **2017**, 127, 2855-2867	15.9	60
126	Keratins as susceptibility genes for end-stage liver disease. *Gastroenterology*, **2005**, 129, 885-93	13.3	59
125	Keratin variants predispose to acute liver failure and adverse outcome: race and ethnic associations. *Gastroenterology*, **2010**, 139, 828-35, 835.e1-3	13.3	58
124	Keratin variants associate with progression of fibrosis during chronic hepatitis C infection. *Hepatology*, **2006**, 43, 1354-63	11.2	56
123	Keratin hypersumoylation alters filament dynamics and is a marker for human liver disease and keratin mutation. *Journal of Biological Chemistry*, **2011**, 286, 2273-84	5.4	55
122	Keratins modulate the shape and function of hepatocyte mitochondria: a mechanism for protection from apoptosis. *Journal of Cell Science*, **2009**, 122, 3851-5	5.3	54
121	Spectrum of disease associated with partial lipodystrophy: lessons from a trial cohort. *Clinical Endocrinology*, **2017**, 86, 698-707	3.4	52
120	Unique amino acid signatures that are evolutionarily conserved distinguish simple-type, epidermal and hair keratins. *Journal of Cell Science*, **2011**, 124, 4221-32	5.3	51
119	Raf-1 activation disrupts its binding to keratins during cell stress. *Journal of Cell Biology*, **2004**, 166, 479-85	7.3	49

118	Identification and mutational analysis of the glycosylation sites of human keratin 18. *Journal of Biological Chemistry*, **1995**, 270, 11820-7	5.4	48
117	HIV-1 infection and expression in human colonic cells: infection and expression in CD4+ and CD4- cell lines. *Aids*, **1991**, 5, 275-81	3.5	46
116	Keratin mutation predisposes to mouse liver fibrosis and unmasks differential effects of the carbon tetrachloride and thioacetamide models. *Gastroenterology*, **2008**, 134, 1169-79	13.3	45
115	Organ-specific stress induces mouse pancreatic keratin overexpression in association with NF-kappaB activation. *Journal of Cell Science*, **2004**, 117, 1709-19	5.3	42
114	The hepatic BMAL1/AKT/lipogenesis axis protects against alcoholic liver disease in mice via promoting PPAR pathway. *Hepatology*, **2018**, 68, 883-896	11.2	40
113	Gender dimorphic formation of mouse Mallory-Denk bodies and the role of xenobiotic metabolism and oxidative stress. *Gastroenterology*, **2010**, 138, 1607-17	13.3	40
112	The genetic background modulates susceptibility to mouse liver Mallory-Denk body formation and liver injury. *Hepatology*, **2008**, 48, 943-52	11.2	40
111	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, 1445-50	11.5	39
110	Keratin variants are overrepresented in primary biliary cirrhosis and associate with disease severity. *Hepatology*, **2009**, 50, 546-54	11.2	38
109	Keratin mutation primes mouse liver to oxidative injury. *Hepatology*, **2005**, 41, 517-25	11.2	36
108	Identification of cytokeratins as accessory mediators of Salmonella entry into eukaryotic cells. *Life Sciences*, **2002**, 70, 1415-26	6.8	36
107	Panhematin provides a therapeutic benefit in experimental pancreatitis. *Gut*, **2011**, 60, 671-9	19.2	35
106	The hypoxia-inducible factor-C/EBP axis controls ethanol-mediated hepcidin repression. *Molecular and Cellular Biology*, **2012**, 32, 4068-77	4.8	35
105	Proteasome inhibition induces inclusion bodies associated with intermediate filaments and fragmentation of the Golgi apparatus. *Experimental Cell Research*, **2003**, 288, 60-9	4.2	35
104	Multifocal heterogeneity in villin and Ep-CAM expression in Barrett esophagus. *International Journal of Cancer*, **1996**, 66, 48-54	7.5	35
103	Simple epithelial keratins are dispensable for cytoprotection in two pancreatitis models. *American Journal of Physiology - Renal Physiology*, **2000**, 279, G1343-54	5.1	34
102	Glucose and SIRT2 reciprocally mediate the regulation of keratin 8 by lysine acetylation. *Journal of Cell Biology*, **2013**, 200, 241-7	7.3	33
101	Analysis of keratin polypeptides 8 and 19 variants in inflammatory bowel disease. *Clinical Gastroenterology and Hepatology*, **2007**, 5, 857-64	6.9	33

100	Keratin 8 modulates cell stress responses and normoglycaemia. *Journal of Cell Science*, **2013**, 126, 5635-44	5.3	32
99	Keratin 8 absence down-regulates colonocyte HMGCS2 and modulates colonic ketogenesis and energy metabolism. *Molecular Biology of the Cell*, **2015**, 26, 2298-310	3.5	31
98	Keratin overexpression levels correlate with the extent of spontaneous pancreatic injury. *American Journal of Pathology*, **2008**, 172, 882-92	5.8	31
97	Toll like receptor 3 plays a critical role in the progression and severity of acetaminophen-induced hepatotoxicity. *PLoS ONE*, **2013**, 8, e65899	3.7	31
96	Fibrinogen-proteolysis and solubility dynamics during apoptotic mouse liver injury: heparin prevents and treats liver damage. *Hepatology*, **2011**, 53, 1323-32	11.2	30
95	Ineffectual Type 2-to-Type 1 Alveolar Epithelial Cell Differentiation in Idiopathic Pulmonary Fibrosis: Persistence of the KRT8 Transitional State. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 201, 1443-1447	10.2	29
94	Keratin 18 overexpression but not phosphorylation or filament organization blocks mouse Mallory body formation. *Hepatology*, **2007**, 45, 88-96	11.2	29
93	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, 1425-32	5.3	29
92	Keratin-8 null mice have different gallbladder and liver susceptibility to lithogenic diet-induced injury. *Journal of Cell Science*, **2003**, 116, 4629-38	5.3	29
91	Characterization of the major physiologic phosphorylation site of human keratin 19 and its role in filament organization. *Journal of Biological Chemistry*, **1999**, 274, 12861-6	5.4	29
90	Rescue of atypical protein kinase C in epithelia by the cytoskeleton and Hsp70 family chaperones. *Journal of Cell Science*, **2009**, 122, 2491-503	5.3	28
89	Energy determinants GAPDH and NDPK act as genetic modifiers for hepatocyte inclusion formation. *Journal of Cell Biology*, **2011**, 195, 217-29	7.3	28
88	Carbamoyl phosphate synthetase-1 is a rapid turnover biomarker in mouse and human acute liver injury. *American Journal of Physiology - Renal Physiology*, **2014**, 307, G355-64	5.1	27
87	Lamin aggregation is an early sensor of porphyria-induced liver injury. *Journal of Cell Science*, **2013**, 126, 3105-12	5.3	27
86	Keratin 20 serine 13 phosphorylation is a stress and intestinal goblet cell marker. *Journal of Biological Chemistry*, **2006**, 281, 16453-61	5.4	27
85	Oxidative stress, Nrf2 and keratin up-regulation associate with Mallory-Denk body formation in mouse erythropoietic protoporphyria. *Hepatology*, **2012**, 56, 322-31	11.2	26
84	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, 3127-40	4.2	26
83	Alternative splicing of human NT5E in cirrhosis and hepatocellular carcinoma produces a negative regulator of ecto-5Pnucleotidase (CD73). *Molecular Biology of the Cell*, **2014**, 25, 4024-33	3.5	25

82	Keratin 8 phosphorylation regulates its transamidation and hepatocyte Mallory-Denk body formation. *FASEB Journal*, **2012**, 26, 2318-26	0.9	25
81	Two-dimensional gel analysis of glandular keratin intermediate filament phosphorylation. *Electrophoresis*, **1996**, 17, 1671-6	3.6	25
80	Mutation of caspase-digestion sites in keratin 18 interferes with filament reorganization, and predisposes to hepatocyte necrosis and loss of membrane integrity. *Journal of Cell Science*, **2014**, 127, 1464-75	5.3	24
79	Porphyrin-Induced Protein Oxidation and Aggregation as a Mechanism of Porphyria-Associated Cell Injury. *Cellular and Molecular Gastroenterology and Hepatology*, **2019**, 8, 535-548	7.9	23
78	Aggregation and loss of cytokeratin filament networks inhibit golgi organization in liver-derived epithelial cell lines. *Cytoskeleton*, **2004**, 57, 37-52		23
77	p38 MAP kinase and MAPKAP kinases MK2/3 cooperatively phosphorylate epithelial keratins. *Journal of Biological Chemistry*, **2010**, 285, 33242-33251	5.4	22
76	Ambient Light Promotes Selective Subcellular Proteotoxicity after Endogenous and Exogenous Porphyrinogenic Stress. *Journal of Biological Chemistry*, **2015**, 290, 23711-24	5.4	21
75	Hyposmotic stress induces cell growth arrest via proteasome activation and cyclin/cyclin-dependent kinase degradation. *Journal of Biological Chemistry*, **2002**, 277, 19295-303	5.4	21
74	Intermediate filament proteins of digestive organs: physiology and pathophysiology. *American Journal of Physiology - Renal Physiology*, **2017**, 312, G628-G634	5.1	20
73	Increased co-first authorships in biomedical and clinical publications: a call for recognition. *FASEB Journal*, **2013**, 27, 3902-4	0.9	20
72	"Toxic memory" via chaperone modification is a potential mechanism for rapid Mallory-Denk body reinduction. *Hepatology*, **2008**, 48, 931-42	11.2	20
71	Lamins and Lamin-Associated Proteins in Gastrointestinal Health and Disease. *Gastroenterology*, **2018**, 154, 1602-1619.e1	13.3	19
70	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, 31329-37	5.4	19
69	Mallory-Denk bodies are associated with outcomes and histologic features in patients with chronic hepatitis C. *Clinical Gastroenterology and Hepatology*, **2011**, 9, 902-909.e1	6.9	19
68	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, 4969-78	3.5	19
67	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, G12-20	5.1	18
66	Biochemical and morphological differentiation of the human colonic epithelial cell line SW620 in the presence of dimethylsulfoxide. *Journal of Cellular Biochemistry*, **1992**, 48, 316-23	4.7	18
65	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	11.5	17

64	CD73 (ecto-5Pnucleotidase) hepatocyte levels differ across mouse strains and contribute to mallory-denk body formation. *Hepatology*, **2013**, 58, 1790-800	11.2	17
63	Hepatocyte-Specific Deletion of Mouse Lamin A/C Leads to Male-Selective Steatohepatitis. *Cellular and Molecular Gastroenterology and Hepatology*, **2017**, 4, 365-383	7.9	17
62	Human keratin 8 variants promote mouse acetaminophen hepatotoxicity coupled with c-jun amino-terminal kinase activation and protein adduct formation. *Hepatology*, **2015**, 62, 876-86	11.2	16
61	PKC412 normalizes mutation-related keratin filament disruption and hepatic injury in mice by promoting keratin-myosin binding. *Hepatology*, **2015**, 62, 1858-69	11.2	16
60	Gene expression changes associated with Barrett3 esophagus and Barrett3-associated adenocarcinoma cell lines after acid or bile salt exposure. *BMC Gastroenterology*, **2007**, 7, 24	3	16
59	Assays for Posttranslational Modifications of Intermediate Filament Proteins. *Methods in Enzymology*, **2016**, 568, 113-38	1.7	16
58	Loss of hepatocyte catenin protects mice from experimental porphyria-associated liver injury. *Journal of Hepatology*, **2019**, 70, 108-117	13.4	16
57	Prevalence of genetic variants of keratins 8 and 18 in patients with drug-induced liver injury. *BMC Medicine*, **2015**, 13, 196	11.4	15
56	Medullary thymic epithelial NF-kB-inducing kinase (NIK)/IKK 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	11.5	15
55	Bispecific and human disease-related anti-keratin rabbit monoclonal antibodies. *Experimental Cell Research*, **2006**, 312, 411-22	4.2	15
54	Actin overexpression parallels severity of pancreatic injury. *Experimental Cell Research*, **2004**, 299, 404-14	4.2	15
53	A precursor-inducible zebrafish model of acute protoporphyria with hepatic protein aggregation and multiorganelle stress. *FASEB Journal*, **2016**, 30, 1798-810	0.9	15
52	E4BP4 is an insulin-induced stabilizer of nuclear SREBP-1c and promotes SREBP-1c-mediated lipogenesis. *Journal of Lipid Research*, **2016**, 57, 1219-30	6.3	14
51	Keratin-containing inclusions affect cell morphology and distribution of cytosolic cellular components. *Experimental Cell Research*, **2005**, 304, 471-82	4.2	14
50	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	7.9	13
49	Human Ran cysteine 112 oxidation by pervanadate regulates its binding to keratins. *Journal of Biological Chemistry*, **2005**, 280, 12162-7	5.4	13
48	Method of cell handling affects leakiness of cell surface labeling and detection of intracellular keratins. *Cytoskeleton*, **1993**, 26, 77-87		13
47	Characterization of in vivo keratin 19 phosphorylation on tyrosine-391. *PLoS ONE*, **2010**, 5, e13538	3.7	13

46	Absence of keratin 8 or 18 promotes antimitochondrial autoantibody formation in aging male mice. *FASEB Journal*, **2015**, 29, 5081-9	0.9	12
45	Denaturing temperature selection may underestimate keratin mutation detection by DHPLC. *Human Mutation*, **2006**, 27, 444-52	4.7	12
44	Pharmacologic transglutaminase inhibition attenuates drug-primed liver hypertrophy but not Mallory body formation. *FEBS Letters*, **2006**, 580, 2351--2357	3.8	12
43	Reciprocal keratin 18 Ser48 O-GlcNAcylation and Ser52 phosphorylation using peptide analysis. *Biochemical and Biophysical Research Communications*, **2006**, 351, 708-12	3.4	12
42	High-Throughput Screening for Drugs that Modulate Intermediate Filament Proteins. *Methods in Enzymology*, **2016**, 568, 163-85	1.7	12
41	The sweet side of vimentin. *ELife*, **2018**, 7,	8.9	12
40	Nuclear lamina genetic variants, including a truncated LAP2, in twins and siblings with nonalcoholic fatty liver disease. *Hepatology*, **2018**, 67, 1710-1725	11.2	11
39	Tumor-Selective Altered Glycosylation and Functional Attenuation of CD73 in Human Hepatocellular Carcinoma. *Hepatology Communications*, **2019**, 3, 1400-1414	6	11
38	Hepatic NF-kB-inducing kinase (NIK) suppresses mouse liver regeneration in acute and chronic liver diseases. *ELife*, **2018**, 7,	8.9	11
37	Modulation of cytoskeletal dynamics by mammalian nucleoside diphosphate kinase (NDPK) proteins. *Naunyn-Schmiedebergʼs Archives of Pharmacology*, **2015**, 388, 189-97	3.4	10
36	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	4.2	9
35	Non-coding keratin variants associate with liver fibrosis progression in patients with hemochromatosis. *PLoS ONE*, **2012**, 7, e32669	3.7	9
34	Lamin A/C Maintains Exocrine Pancreas Homeostasis by Regulating Stability of RB and Activity of E2F. *Gastroenterology*, **2018**, 154, 1625-1629.e8	13.3	8
33	HIF1-alpha Regulates Acinar Cell Function and Response to Injury in Mouse Pancreas. *Gastroenterology*, **2018**, 154, 1630-1634.e3	13.3	8
32	Not all mice are the same: Standardization of animal research data presentation. *Hepatology*, **2016**, 63, 1752-4	11.2	8
31	Pancreatic HIF2α Stabilization Leads to Chronic Pancreatitis and Predisposes to Mucinous Cystic Neoplasm. *Cellular and Molecular Gastroenterology and Hepatology*, **2018**, 5, 169-185.e2	7.9	7
30	Opinion: Here's how we restore productivity and vigor to the biomedical research workforce in the midst of COVID-19. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 19612-19614	11.5	7
29	Potential association of LMNA-associated generalized lipodystrophy with juvenile dermatomyositis. *Clinical Diabetes and Endocrinology*, **2018**, 4, 6	4.7	6

28	Keratin impact on PKC□and ASMase-mediated regulation of hepatocyte lipid raft size - implication for FasR-associated apoptosis. *Journal of Cell Science*, **2016**, 129, 3262-73	5.3	6
27	From Intention to Action: Operationalizing AGA Diversity Policy to Combat Racism and Health Disparities in Gastroenterology. *Gastroenterology*, **2020**, 159, 1637-1647	13.3	6
26	Not All Mice Are the Same: Standardization of Animal Research Data Presentation. *Gut*, **2016**, 65, 894-5	19.2	6
25	Mouse genetic background contributes to hepatocyte susceptibility to Fas-mediated apoptosis. *Molecular Biology of the Cell*, **2016**, 27, 3005-3012	3.5	5
24	A multi-journal partnership to highlight joint first-authors of manuscripts. *Gut*, **2015**, 64, 189	19.2	5
23	Keratins provide virus-dependent protection or predisposition to injury in coxsackievirus-induced pancreatitis. *Cell Health and Cytoskeleton*, **2009**, Volume 1, 51-65		5
22	Clusterin and Pycr1 alterations associate with strain and model differences in susceptibility to experimental pancreatitis. *Biochemical and Biophysical Research Communications*, **2017**, 482, 1346-1352	3.4	4
21	Genotype-phenotype analysis of LMNA-related diseases predicts phenotype-selective alterations in lamin phosphorylation. *FASEB Journal*, **2020**, 34, 9051-9073	0.9	4
20	Trends in NIH-supported career development funding: implications for institutions, trainees, and the future research workforce. *JCI Insight*, **2020**, 5,	9.9	3
19	Mentoring: A Necessary But Not Sufficient Ingredient for Enhancing Success. *Gastroenterology*, **2016**, 150, 1067-1070	13.3	3
18	Ethanol and Acetaminophen Synergistically Induce Hepatic Aggregation and TCH346-Insensitive Nuclear Translocation of GAPDH. *PLoS ONE*, **2016**, 11, e0160982	3.7	2
17	Protoporphyrin-IX nanostructures modulate their protein aggregation ability via differential oxidation and protein binding		2
16	Cell biology to disease and back. *Nature Reviews Molecular Cell Biology*, **2016**, 17, 4	48.7	1
15	Gastroenterology□s editors-in-chief: historical and personal perspectives of their editorships. *Gastroenterology*, **2013**, 145, 16-31	13.3	1
14	Why send your paper to Gastroenterology: global outreach and partnerships with sister journals, CGH and CMGH, among a menu of offerings. *Gastroenterology*, **2015**, 148, 673-8	13.3	1
13	Reply: To PMID 23729294. *Hepatology*, **2014**, 60, 767-8	11.2	1
12	Our new President--Emmet B. Keeffe, M.D. *Gastroenterology*, **2004**, 126, 1454-60	13.3	1
11	Geographic prevalence variation and phenotype penetrance in porphyria: insights from a Chinese population database. *Blood Advances*, **2021**, 5, 12-15	7.8	1

10	Acitretin mitigates uroporphyrin-induced bone defects in congenital erythropoietic porphyria models. *Scientific Reports*, **2021**, 11, 9601	4.9	1
9	Changing of the Guards: 2011–2016 Gastroenterology Team. *Gastroenterology*, **2011**, 141, 4-7	13.3	0
8	Hepatocyte-derived cultured cells with unusual cytoplasmic keratin-rich spheroid bodies. *Experimental Cell Research*, **2011**, 317, 2683-94	4.2	0
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6	Our new president-Anil K. Rustgi, MD. *Gastroenterology*, **2013**, 144, 1129-35	13.3	
5	Two strikes: limited NIH R55 and R56 retooling funds and abolishment of the A2 grant mechanism. *FASEB Journal*, **2011**, 25, 4108-10	0.9	
4	Myeloid Progenitors Protect Against Radiation-Induced Intestinal Injury.. *Blood*, **2005**, 106, 5225-5225	2.2	
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