M Bishr Omary

List of Publications by Year
in descending order

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206 papers	13,404 citations	15504 65 h-index	25787 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.	5.2	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.	5.4	614
3	The pancreatic stellate cell: a star on the rise in pancreatic diseases. Journal of Clinical Investigation, 2007, 117, 50-59.	8.2	588
4	Intermediate Filament Proteins and Their Associated Diseases. New England Journal of Medicine, 2004, 351, 2087-2100.	27.0	434
5	Post-translational modifications of intermediate filament proteins: mechanisms and functions. Nature Reviews Molecular Cell Biology, 2014, 15, 163-177.	37.0	409
6	From Mallory to Malloryâ€“Denk bodies: What, how and why?. Experimental Cell Research, 2007, 313, 2033-2049.	2.6	304
7	â€˜Heads and tailsâ€™ of intermediate filament phosphorylation: multiple sites and functional insights. Trends in Biochemical Sciences, 2006, 31, 383-394.	7.5	258
8	Sphingosylphosphorylcholine regulates keratin network architecture and visco-elastic properties of human cancer cells. Nature Cell Biology, 2003, 5, 803-811.	10.3	234
9	Toward unraveling the complexity of simple epithelial keratins in human disease. Journal of Clinical Investigation, 2009, 119, 1794-1805.	8.2	231
10	Epidemiology of Alcohol-Related Liver and Pancreatic Disease in the United States. Archives of Internal Medicine, 2008, 168, 649.	3.8	228
11	Cellular integrity plus: organelle-related and protein-targeting functions of intermediate filaments. Trends in Cell Biology, 2005, 15, 608-617.	7.9	227
12	Apoptosis Generates Stable Fragments of Human Type I Keratins. Journal of Biological Chemistry, 1997, 272, 33197-33203.	3.4	210
13	Human cell-surface glycoprotein with unusual properties. Nature, 1980, 286, 888-891.	27.8	196
14	Keratin 8/18 breakdown and reorganization during apoptosis. Experimental Cell Research, 2004, 297, 11-26.	2.6	177
15	Extracellular Transglutaminase 2 Is Catalytically Inactive, but Is Transiently Activated upon Tissue Injury. PLoS ONE, 2008, 3, e1861.	2.5	174
16	Types I and II Keratin Intermediate Filaments. Cold Spring Harbor Perspectives in Biology, 2018, 10, a018275.	5.5	171
17	Keratin 8 Mutations in Patients with Cryptogenic Liver Disease. New England Journal of Medicine, 2001, 344, 1580-1587.	27.0	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.	7.1	162

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19	Chemistry and Biology of Dihydroisoxazole Derivatives: Selective Inhibitors of Human Transglutaminase 2. Chemistry and Biology, 2005, 12, 469-475.	6.0	154
20	Tumor-selective proteotoxicity of verteporfin inhibits colon cancer progression independently of YAP1. Science Signaling, 2015, 8, ra98.	3.6	152
21	A disease- and phosphorylation-related nonmechanical function for keratin 8. Journal of Cell Biology, 2006, 174, 115-125.	5.2	151
22	Keratins Turn over by Ubiquitination in a Phosphorylation-Modulated Fashion. Journal of Cell Biology, 2000, 149, 547-552.	5.2	150
23	Keratins let liver live: Mutations predispose to liver disease and crosslinking generates Mallory-Denk bodies. Hepatology, 2007, 46, 1639-1649.	7.3	148
24	Keratins: Guardians of the liver. Hepatology, 2002, 35, 251-257.	7.3	143
25	Gene Expression Profiling Reveals Stromal Genes Expressed in Common Between Barrettâ€™s Esophagus and Adenocarcinoma. Gastroenterology, 2006, 131, 925-933.	1.3	137
26	â€œIF-pathiesâ€: a broad spectrum of intermediate filamentâ€“associated diseases. Journal of Clinical Investigation, 2009, 119, 1756-1762.	8.2	135
27	The COVID-19 pandemic and research shutdown: staying safe and productive. Journal of Clinical Investigation, 2020, 130, 2745-2748.	8.2	125
28	Autophagy activation by rapamycin eliminates mouse Mallory-Denk bodies and blocks their proteasome inhibitor-mediated formation. Hepatology, 2008, 47, 2026-2035.	7.3	119
29	Keratins modulate colonocyte electrolyte transport via protein mistargeting. Journal of Cell Biology, 2004, 164, 911-921.	5.2	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.	3.4	114
31	Keratin 8 Phosphorylation by p38 Kinase Regulates Cellular Keratin Filament Reorganization. Journal of Biological Chemistry, 2002, 277, 10775-10782.	3.4	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.	8.2	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.	3.4	111
34	Cytoskeletal keratin glycosylation protects epithelial tissue from injury. Nature Cell Biology, 2010, 12, 876-885.	10.3	111
35	The cytoskeleton of digestive epithelia in health and disease. American Journal of Physiology - Renal Physiology, 1999, 277, G1108-G1137.	3.4	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.	3.4	109

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37	Ineffectual Type 2â€“toâ€“Type 1 Alveolar Epithelial Cell Differentiation in Idiopathic Pulmonary Fibrosis: Persistence of the KRT8^{hi} Transitional State. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1443-1447.	5.6	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.	3.4	103
39	Implications of intermediate filament protein phosphorylation. Cancer and Metastasis Reviews, 1996, 15, 429-444.	5.9	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.	3.4	97
41	Keratin mutation in transgenic mice predisposes to Fas but not TNF-induced apoptosis and massive liver injury. Hepatology, 2003, 37, 1006-1014.	7.3	96
42	Underrepresentation of Underrepresented Minorities in Academic Medicine: The Need to Enhance the Pipeline and the Pipe. Gastroenterology, 2010, 138, 19-26.e3.	1.3	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.	7.1	95
44	Keratins: Biomarkers and modulators of apoptotic and necrotic cell death in the liver. Hepatology, 2016, 64, 966-976.	7.3	95
45	Structural heterogeneity of human Pgp-1 and its relationship with p85. Immunogenetics, 1988, 27, 460-464.	2.4	93
46	Mutation of a Major Keratin Phosphorylation Site Predisposes to Hepatotoxic Injury in Transgenic Mice. Journal of Cell Biology, 1998, 143, 2023-2032.	5.2	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.	3.4	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.	3.8	89
49	Keratin-8-deficient mice develop chronic spontaneous Th2 colitis amenable to antibiotic treatment. Journal of Cell Science, 2005, 118, 1971-1980.	2.0	84
50	Keratin 20 Helps Maintain Intermediate Filament Organization in Intestinal Epithelia. Molecular Biology of the Cell, 2003, 14, 2959-2971.	2.1	83
51	Absence of keratin 19 in mice causes skeletal myopathy with mitochondrial and sarcolemmal reorganization. Journal of Cell Science, 2007, 120, 3999-4008.	2.0	83
52	Keratin 8 phosphorylation regulates keratin reorganization and migration of epithelial tumor cells. Journal of Cell Science, 2012, 125, 2148-2159.	2.0	80
53	Mouse hepatocyte overexpression of NFâ€ºBâ€inducing kinase (NIK) triggers fatal macrophageâ€dependent liver injury and fibrosis. Hepatology, 2014, 60, 2065-2076.	7.3	80
54	Keratin 8 and 18 hyperphosphorylation is a marker of progression of human liver disease. Hepatology, 2004, 40, 459-466.	7.3	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.	8.2	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.	3.4	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.	2.1	76
58	Studying Simple Epithelial Keratins in Cells and Tissues. Methods in Cell Biology, 2004, 78, 489-517.	1.1	74
59	Effect of Mutation and Phosphorylation of Type I Keratins on Their Caspase-mediated Degradation. Journal of Biological Chemistry, 2001, 276, 26792-26798.	3.4	72
60	Keratin Variants Predispose to Acute Liver Failure and Adverse Outcome: Race and Ethnic Associations. Gastroenterology, 2010, 139, 828-835.e3.	1.3	72
61	Spectrum of disease associated with partial lipodystrophy: lessons from a trial cohort. Clinical Endocrinology, 2017, 86, 698-707.	2.4	72
62	The hepatic BMAL1/AKT/lipogenesis axis protects against alcoholic liver disease in mice via promoting PPARÎ± pathway. Hepatology, 2018, 68, 883-896.	7.3	72
63	Disturbances in hepatic cell-cycle regulation in mice with assembly-deficient keratins 8/18. Hepatology, 2001, 34, 1174-1183.	7.3	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.	7.3	67
65	Oxidative stress induces the endoplasmic reticulum stress and facilitates inclusion formation in cultured cells. Journal of Hepatology, 2007, 47, 93-102.	3.7	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.	2.0	67
67	Epitope Specificity of 30 Monoclonal Antibodies against Cytokeratin Antigens: The ISOBM TD5-1 Workshop. Tumor Biology, 1998, 19, 132-152.	1.8	66
68	Transglutaminase 2 Regulates Mallory Body Inclusion Formation and Injury-Associated Liver Enlargement. Gastroenterology, 2007, 132, 1515-1526.	1.3	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.	2.0	64
70	Keratin 8 overexpression promotes mouse Mallory body formation. Journal of Cell Biology, 2005, 171, 931-937.	5.2	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.	3.4	63
72	Keratins as Susceptibility Genes for End-Stage Liver Disease. Gastroenterology, 2005, 129, 885-893.	1.3	62

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73	Keratin variants associate with progression of fibrosis during chronic hepatitis C infection. Hepatology, 2006, 43, 1354-1363.	7.3	62
74	Identification and Mutational Analysis of the Glycosylation Sites of Human Keratin 18. Journal of Biological Chemistry, 1995, 270, 11820-11827.	3.4	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.	1.3	57
76	Raf-1 activation disrupts its binding to keratins during cell stress. Journal of Cell Biology, 2004, 166, 479-485.	5.2	53
77	HIV-1 infection and expression in human colonic cells. Aids, 1991, 5, 275-282.	2.2	51
78	Organ-specific stress induces mouse pancreatic keratin overexpression in association with NF-Î¹B activation. Journal of Cell Science, 2004, 117, 1709-1719.	2.0	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.	7.1	49
80	Gender Dimorphic Formation of Mouse Malloryâ€“Denk Bodies and the Role of Xenobiotic Metabolism and Oxidative Stress. Gastroenterology, 2010, 138, 1607-1617.	1.3	46
81	The genetic background modulates susceptibility to mouse liver Mallory-Denk body formation and liver injury. Hepatology, 2008, 48, 943-952.	7.3	45
82	Identification of cytokeratins as accessory mediators of Salmonella entry into eukaryotic cellsâ˜†. Life Sciences, 2002, 70, 1415-1426.	4.3	44
83	Keratin variants are overrepresented in primary biliary cirrhosis and associate with disease severity. Hepatology, 2009, 50, 546-554.	7.3	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.	4.5	44
85	Panhematin provides a therapeutic benefit in experimental pancreatitis. Gut, 2011, 60, 671-679.	12.1	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.	2.1	41
87	Analysis of Keratin Polypeptides 8 and 19 Variants in Inflammatory Bowel Disease. Clinical Gastroenterology and Hepatology, 2007, 5, 857-864.	4.4	39
88	The Hypoxia-Inducible Factorâ€“C/EBPÎ± Axis Controls Ethanol-Mediated Hepcidin Repression. Molecular and Cellular Biology, 2012, 32, 4068-4077.	2.3	39
89	Alternative splicing of human NT5E in cirrhosis and hepatocellular carcinoma produces a negative regulator of ecto-5â€²-nucleotidase (CD73). Molecular Biology of the Cell, 2014, 25, 4024-4033.	2.1	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.	7.1	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.	3.4	38
93	Keratin mutation primes mouse liver to oxidative injury. Hepatology, 2005, 41, 517-525.	7.3	38
94	Mentoring the Mentor: Another Tool to Enhance Mentorship. Gastroenterology, 2008, 135, 13-16.	1.3	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.	3.4	35
96	Proteasome inhibition induces inclusion bodies associated with intermediate filaments and fragmentation of the Golgi apparatus. Experimental Cell Research, 2003, 288, 60-69.	2.6	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.	2.0	35
98	Toll Like Receptor 3 Plays a Critical Role in the Progression and Severity of Acetaminophen-Induced Hepatotoxicity. PLoS ONE, 2013, 8, e65899.	2.5	35
99	Keratin Overexpression Levels Correlate with the Extent of Spontaneous Pancreatic Injury. American Journal of Pathology, 2008, 172, 882-892.	3.8	34
100	Oxidative stress, Nrf2 and keratin up-regulation associate with Mallory-Denk body formation in mouse erythropoietic protoporphyria. Hepatology, 2012, 56, 322-331.	7.3	34
101	Glucose and SIRT2 reciprocally mediate the regulation of keratin 8 by lysine acetylation. Journal of Cell Biology, 2013, 200, 241-247.	5.2	34
102	Keratin 8 modulates Î²-cell stress responses and normoglycaemia. Journal of Cell Science, 2013, 126, 5635-44.	2.0	34
103	Keratin 20 Serine 13 Phosphorylation Is a Stress and Intestinal Goblet Cell Marker*. Journal of Biological Chemistry, 2006, 281, 16453-16461.	3.4	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.	3.4	33
105	Keratin 18 overexpression but not phosphorylation or filament organization blocks mouse Mallory body formation. Hepatology, 2007, 45, 88-96.	7.3	32
106	Energy determinants GAPDH and NDPK act as genetic modifiers for hepatocyte inclusion formation. Journal of Cell Biology, 2011, 195, 217-229.	5.2	32
107	Lamin aggregation is an early sensor of porphyria-induced liver injury. Journal of Cell Science, 2013, 126, 3105-12.	2.0	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.	2.0	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.	7.3	31
110	Keratin 8 phosphorylation regulates its transamidation and hepatocyte Malloryâ€Ðenk body formation. FASEB Journal, 2012, 26, 2318-2326.	0.5	31
111	Intermediate filament proteins of digestive organs: physiology and pathophysiology. American Journal of Physiology - Renal Physiology, 2017, 312, G628-G634.	3.4	31
112	Increased coâ€first authorships in biomedical and clinical publications: a call for recognition. FASEB Journal, 2013, 27, 3902-3904.	0.5	30
113	Lamins and Lamin-Associated Proteins in Gastrointestinal Health and Disease. Gastroenterology, 2018, 154, 1602-1619.e1.	1.3	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.	2.0	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.	2.0	29
116	Loss of hepatocyte Î²-catenin protects mice from experimental porphyria-associated liver injury. Journal of Hepatology, 2019, 70, 108-117.	3.7	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.	3.4	28
119	Hepatic NF-kB-inducing kinase (NIK) suppresses mouse liver regeneration in acute and chronic liver diseases. ELife, 2018, 7, .	6.0	28
120	Ambient Light Promotes Selective Subcellular Proteotoxicity after Endogenous and Exogenous Porphyrinogenic Stress. Journal of Biological Chemistry, 2015, 290, 23711-23724.	3.4	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.	4.5	27
122	From Intention to Action: Operationalizing AGA Diversity Policy to Combat Racism and Health Disparities in Gastroenterology. Gastroenterology, 2020, 159, 1637-1647.	1.3	27
123	Two-dimensional gel analysis of glandular keratin intermediate filament phosphorylation. Electrophoresis, 1996, 17, 1671-1676.	2.4	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.	3.4	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.	2.6	26
126	PKC412 normalizes mutationâ€related keratin filament disruption and hepatic injury in mice by promoting keratinâ€“myosin binding. Hepatology, 2015, 62, 1858-1869.	7.3	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.	7.1	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.	3.4	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.	7.3	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.	2.1	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.	4.4	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.	3.4	22
133	Acknowledging Joint First Authors of Published Work: The Time Has Come. Gastroenterology, 2012, 143, 879-880.	1.3	21
134	A precursorâ€inducible zebrafish model of acute protoporphyria with hepatic protein aggregation and multiorganelle stress. FASEB Journal, 2016, 30, 1798-1810.	0.5	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.	4.2	21
136	â€œToxic memoryâ€•via chaperone modification is a potential mechanism for rapid mallory-denk body reinduction. Hepatology, 2008, 48, 931-942.	7.3	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.	7.3	20
138	Assays for Posttranslational Modifications of Intermediate Filament Proteins. Methods in Enzymology, 2016, 568, 113-138.	1.0	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.	2.6	19
140	Nuclear lamina genetic variants, including a truncated LAP2, in twins and siblings with nonalcoholic fatty liver disease. Hepatology, 2018, 67, 1710-1725.	7.3	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.	4.5	19
142	Actin overexpression parallels severity of pancreatic injury. Experimental Cell Research, 2004, 299, 404-414.	2.6	18
143	Prevalence of genetic variants of keratins 8 and 18 in patients with drug-induced liver injury. BMC Medicine, 2015, 13, 196.	5.5	17
144	The sweet side of vimentin. ELife, 2018, 7, .	6.0	17

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145	Genotypeâ€phenotype analysis ofLMNAâ€related diseases predicts phenotypeâ€selective alterations in lamin phosphorylation. FASEB Journal, 2020, 34, 9051-9073.	0.5	17
146	Human Ran Cysteine 112 Oxidation by Pervanadate Regulates Its Binding to Keratins. Journal of Biological Chemistry, 2005, 280, 12162-12167.	3.4	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.	2.0	16
148	High-Throughput Screening for Drugs that Modulate Intermediate Filament Proteins. Methods in Enzymology, 2016, 568, 163-185.	1.0	16
149	Bispecific and human disease-related anti-keratin rabbit monoclonal antibodies. Experimental Cell Research, 2006, 312, 411-422.	2.6	15
150	Tumorâ€Selective Altered Glycosylation and Functional Attenuation of CD73 in Human Hepatocellular Carcinoma. Hepatology Communications, 2019, 3, 1400-1414.	4.3	15
151	Characterization of In Vivo Keratin 19 Phosphorylation on Tyrosine-391. PLoS ONE, 2010, 5, e13538.	2.5	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.	2.6	14
154	Pharmacologic transglutaminase inhibition attenuates drug-primed liver hypertrophy but not Mallory body formation. FEBS Letters, 2006, 580, 2351-2357.	2.8	14
155	Denaturing temperature selection may underestimate keratin mutation detection by DHPLC. Human Mutation, 2006, 27, 444-452.	2.5	14
156	HIF1-alpha Regulates Acinar Cell Function and Response to Injury in Mouse Pancreas. Gastroenterology, 2018, 154, 1630-1634.e3.	1.3	14
157	Reciprocal keratin 18 Ser48 O-GlcNAcylation and Ser52 phosphorylation using peptide analysis. Biochemical and Biophysical Research Communications, 2006, 351, 708-712.	2.1	13
158	Skin care by keratins. Nature, 2006, 441, 296-297.	27.8	13
159	Modulation of cytoskeletal dynamics by mammalian nucleoside diphosphate kinase (NDPK) proteins. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 189-197.	3.0	13
160	Not all mice are the same: Standardization of animal research data presentation. Hepatology, 2016, 63, 1752-1754.	7.3	13
161	Absence of keratin 8 or 18 promotes antimitochondrial autoantibody formation in aging male mice. FASEB Journal, 2015, 29, 5081-5089.	0.5	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.	2.6	12

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163	Keratin impact on PKCÎ´/ASMase regulation of hepatocyte lipid raft size: Implication in FasR-associated apoptosis. Journal of Cell Science, 2016, 129, 3262-73.	2.0	12
164	Lamin A/C Maintains Exocrine Pancreas Homeostasis by Regulating Stability of RB and Activity of E2F. Gastroenterology, 2018, 154, 1625-1629.e8.	1.3	12
165	Pancreatic HIF2Î± Stabilization Leads to Chronic Pancreatitis and Predisposes to Mucinous Cystic Neoplasm. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 169-185.e2.	4.5	12
166	Non-Coding Keratin Variants Associate with Liver Fibrosis Progression in Patients with Hemochromatosis. PLoS ONE, 2012, 7, e32669.	2.5	12
167	Enhancing career development of postdoctoral trainees: act locally and beyond. Journal of Physiology, 2019, 597, 2317-2322.	2.9	10
168	Hereâ€™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.	7.1	10
169	Changing of the Guards: 2011â€“2016 Gastroenterology Team. Gastroenterology, 2011, 141, 4-7.	1.3	8
170	Not All Mice Are the Same: Standardization of Animal Research Data Presentation. Cellular and Molecular Gastroenterology and Hepatology, 2016, 2, 391-393.	4.5	8
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