

M Bishr Omary

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Geographic prevalence variation and phenotype penetrance in porphyria: insights from a Chinese population database. <i>Blood Advances</i> , 2021 , 5, 12-15	7.8	1
188	Acitretin mitigates uroporphyrin-induced bone defects in congenital erythropoietic porphyria models. <i>Scientific Reports</i> , 2021 , 11, 9601	4.9	1
187	Protein-aggregating ability of different protoporphyrin-IX nanostructures is dependent on their oxidation and protein-binding capacity. <i>Journal of Biological Chemistry</i> , 2021 , 297, 100778	5.4	0
186	The AGA 2020 Year in Review. <i>Gastroenterology</i> , 2021 , 160, 982-984	13.3	
185	Genotype-phenotype analysis of LMNA-related diseases predicts phenotype-selective alterations in lamin phosphorylation. <i>FASEB Journal</i> , 2020 , 34, 9051-9073	0.9	4
184	Ineffectual Type 2-to-Type 1 Alveolar Epithelial Cell Differentiation in Idiopathic Pulmonary Fibrosis: Persistence of the KRT8 Transitional State. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 1443-1447	10.2	29
183	The COVID-19 pandemic and research shutdown: staying safe and productive. <i>Journal of Clinical Investigation</i> , 2020 , 130, 2745-2748	15.9	71
182	Trends in NIH-supported career development funding: implications for institutions, trainees, and the future research workforce. <i>JCI Insight</i> , 2020 , 5,	9.9	3
181	Reply. <i>Gastroenterology</i> , 2020 , 159, 799	13.3	
180	From Intention to Action: Operationalizing AGA Diversity Policy to Combat Racism and Health Disparities in Gastroenterology. <i>Gastroenterology</i> , 2020 , 159, 1637-1647	13.3	6
179	Opinion: Here's how we restore productivity and vigor to the biomedical research workforce in the midst of COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 19612-19614	11.5	7
178	Oxygen and Conformation Dependent Protein Oxidation and Aggregation by Porphyrins in Hepatocytes and Light-Exposed Cells. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019 , 8, 659-682.e1	7.9	13
177	Constitutive release of CPS1 in bile and its role as a protective cytokine during acute liver injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9125-9134	11.5	17
176	Tumor-Selective Altered Glycosylation and Functional Attenuation of CD73 in Human Hepatocellular Carcinoma. <i>Hepatology Communications</i> , 2019 , 3, 1400-1414	6	11
175	Porphyrin-Induced Protein Oxidation and Aggregation as a Mechanism of Porphyria-Associated Cell Injury. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019 , 8, 535-548	7.9	23
174	Medullary thymic epithelial NF- κ B-inducing kinase (NIK)/IKK β pathway shapes autoimmunity and liver and lung homeostasis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 19090-19097	11.5	15
173	Porphyrin Nanostructures Modulates Its Protein Aggregation Ability via Differential Oxidation and Protein Binding. <i>FASEB Journal</i> , 2019 , 33, 784.13	0.9	

172	Loss of hepatocyte E-catenin protects mice from experimental porphyria-associated liver injury. <i>Journal of Hepatology</i> , 2019 , 70, 108-117	13.4	16
171	Types I and II Keratin Intermediate Filaments. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018 , 10,	10.2	96
170	Lamin A/C Maintains Exocrine Pancreas Homeostasis by Regulating Stability of RB and Activity of E2F. <i>Gastroenterology</i> , 2018 , 154, 1625-1629.e8	13.3	8
169	HIF1-alpha Regulates Acinar Cell Function and Response to Injury in Mouse Pancreas. <i>Gastroenterology</i> , 2018 , 154, 1630-1634.e3	13.3	8
168	Pancreatic HIF2 β Stabilization Leads to Chronic Pancreatitis and Predisposes to Mucinous Cystic Neoplasm. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018 , 5, 169-185.e2	7.9	7
167	Potential association of LMNA-associated generalized lipodystrophy with juvenile dermatomyositis. <i>Clinical Diabetes and Endocrinology</i> , 2018 , 4, 6	4.7	6
166	Lamins and Lamin-Associated Proteins in Gastrointestinal Health and Disease. <i>Gastroenterology</i> , 2018 , 154, 1602-1619.e1	13.3	19
165	The hepatic BMAL1/AKT/lipogenesis axis protects against alcoholic liver disease in mice via promoting PPAR α pathway. <i>Hepatology</i> , 2018 , 68, 883-896	11.2	40
164	Nuclear lamina genetic variants, including a truncated LAP2, in twins and siblings with nonalcoholic fatty liver disease. <i>Hepatology</i> , 2018 , 67, 1710-1725	11.2	11
163	Hepatic NF- κ B-inducing kinase (NIK) suppresses mouse liver regeneration in acute and chronic liver diseases. <i>ELife</i> , 2018 , 7,	8.9	11
162	The sweet side of vimentin. <i>ELife</i> , 2018 , 7,	8.9	12
161	Spectrum of disease associated with partial lipodystrophy: lessons from a trial cohort. <i>Clinical Endocrinology</i> , 2017 , 86, 698-707	3.4	52
160	Intermediate filament proteins of digestive organs: physiology and pathophysiology. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, G628-G634	5.1	20
159	Clusterin and Pycr1 alterations associate with strain and model differences in susceptibility to experimental pancreatitis. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 482, 1346-1352	3.4	4
158	Hepatocyte-Specific Deletion of Mouse Lamin A/C Leads to Male-Selective Steatohepatitis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017 , 4, 365-383	7.9	17
157	Lipogenic transcription factor ChREBP mediates fructose-induced metabolic adaptations to prevent hepatotoxicity. <i>Journal of Clinical Investigation</i> , 2017 , 127, 2855-2867	15.9	60
156	Keratin impact on PKC δ and ASMase-mediated regulation of hepatocyte lipid raft size - implication for FasR-associated apoptosis. <i>Journal of Cell Science</i> , 2016 , 129, 3262-73	5.3	6
155	Mouse genetic background contributes to hepatocyte susceptibility to Fas-mediated apoptosis. <i>Molecular Biology of the Cell</i> , 2016 , 27, 3005-3012	3.5	5

154	E4BP4 is an insulin-induced stabilizer of nuclear SREBP-1c and promotes SREBP-1c-mediated lipogenesis. <i>Journal of Lipid Research</i> , 2016 , 57, 1219-30	6.3	14
153	Cell biology to disease and back. <i>Nature Reviews Molecular Cell Biology</i> , 2016 , 17, 4	48.7	1
152	Ethanol and Acetaminophen Synergistically Induce Hepatic Aggregation and TCH346-Insensitive Nuclear Translocation of GAPDH. <i>PLoS ONE</i> , 2016 , 11, e0160982	3.7	2
151	High-Throughput Screening for Drugs that Modulate Intermediate Filament Proteins. <i>Methods in Enzymology</i> , 2016 , 568, 163-85	1.7	12
150	Assays for Posttranslational Modifications of Intermediate Filament Proteins. <i>Methods in Enzymology</i> , 2016 , 568, 113-38	1.7	16
149	Not all mice are the same: Standardization of animal research data presentation. <i>Hepatology</i> , 2016 , 63, 1752-4	11.2	8
148	Keratins: Biomarkers and modulators of apoptotic and necrotic cell death in the liver. <i>Hepatology</i> , 2016 , 64, 966-76	11.2	61
147	Not All Mice Are the Same: Standardization of Animal Research Data Presentation. <i>Gut</i> , 2016 , 65, 894-5	19.2	6
146	Mentoring: A Necessary But Not Sufficient Ingredient for Enhancing Success. <i>Gastroenterology</i> , 2016 , 150, 1067-1070	13.3	3
145	A precursor-inducible zebrafish model of acute protoporphyria with hepatic protein aggregation and multiorganelle stress. <i>FASEB Journal</i> , 2016 , 30, 1798-810	0.9	15
144	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. <i>Experimental Cell Research</i> , 2015 , 335, 12-22	4.2	9
143	Prevalence of genetic variants of keratins 8 and 18 in patients with drug-induced liver injury. <i>BMC Medicine</i> , 2015 , 13, 196	11.4	15
142	Tumor-selective proteotoxicity of verteporfin inhibits colon cancer progression independently of YAP1. <i>Science Signaling</i> , 2015 , 8, ra98	8.8	114
141	Keratin 8 absence down-regulates colonocyte HMGCS2 and modulates colonic ketogenesis and energy metabolism. <i>Molecular Biology of the Cell</i> , 2015 , 26, 2298-310	3.5	31
140	Modulation of cytoskeletal dynamics by mammalian nucleoside diphosphate kinase (NDPK) proteins. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015 , 388, 189-97	3.4	10
139	Human keratin 8 variants promote mouse acetaminophen hepatotoxicity coupled with c-jun amino-terminal kinase activation and protein adduct formation. <i>Hepatology</i> , 2015 , 62, 876-86	11.2	16
138	PKC412 normalizes mutation-related keratin filament disruption and hepatic injury in mice by promoting keratin-myosin binding. <i>Hepatology</i> , 2015 , 62, 1858-69	11.2	16
137	Ambient Light Promotes Selective Subcellular Proteotoxicity after Endogenous and Exogenous Porphyrinogenic Stress. <i>Journal of Biological Chemistry</i> , 2015 , 290, 23711-24	5.4	21

136	Absence of keratin 8 or 18 promotes antimitochondrial autoantibody formation in aging male mice. <i>FASEB Journal</i> , 2015 , 29, 5081-9	0.9	12
135	Why send your paper to Gastroenterology: global outreach and partnerships with sister journals, CGH and CMGH, among a menu of offerings. <i>Gastroenterology</i> , 2015 , 148, 673-8	13.3	1
134	A multi-journal partnership to highlight joint first-authors of manuscripts. <i>Gut</i> , 2015 , 64, 189	19.2	5
133	Post-translational modifications of intermediate filament proteins: mechanisms and functions. <i>Nature Reviews Molecular Cell Biology</i> , 2014 , 15, 163-77	48.7	320
132	Carbamoyl phosphate synthetase-1 is a rapid turnover biomarker in mouse and human acute liver injury. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 307, G355-64	5.1	27
131	Reply: To PMID 23729294. <i>Hepatology</i> , 2014 , 60, 767-8	11.2	1
130	Mouse hepatocyte overexpression of NF- κ B-inducing kinase (NIK) triggers fatal macrophage-dependent liver injury and fibrosis. <i>Hepatology</i> , 2014 , 60, 2065-76	11.2	60
129	Mutation of caspase-digestion sites in keratin 18 interferes with filament reorganization, and predisposes to hepatocyte necrosis and loss of membrane integrity. <i>Journal of Cell Science</i> , 2014 , 127, 1464-75	5.3	24
128	Alternative splicing of human NT5E in cirrhosis and hepatocellular carcinoma produces a negative regulator of ecto-5Pnucleotidase (CD73). <i>Molecular Biology of the Cell</i> , 2014 , 25, 4024-33	3.5	25
127	CD73 (ecto-5Pnucleotidase) hepatocyte levels differ across mouse strains and contribute to mallory-denk body formation. <i>Hepatology</i> , 2013 , 58, 1790-800	11.2	17
126	Glucose and SIRT2 reciprocally mediate the regulation of keratin 8 by lysine acetylation. <i>Journal of Cell Biology</i> , 2013 , 200, 241-7	7.3	33
125	Gastroenterology β editors-in-chief: historical and personal perspectives of their editorships. <i>Gastroenterology</i> , 2013 , 145, 16-31	13.3	1
124	Wnt/ β catenin signaling protects mouse liver against oxidative stress-induced apoptosis through the inhibition of forkhead transcription factor FoxO3. <i>Journal of Biological Chemistry</i> , 2013 , 288, 17214-24	5.4	89
123	Our new president-Anil K. Rustgi, MD. <i>Gastroenterology</i> , 2013 , 144, 1129-35	13.3	
122	A conserved rod domain phosphotyrosine that is targeted by the phosphatase PTP1B promotes keratin 8 protein insolubility and filament organization. <i>Journal of Biological Chemistry</i> , 2013 , 288, 31329-37	5.4	19
121	Keratin 8 modulates β cell stress responses and normoglycaemia. <i>Journal of Cell Science</i> , 2013 , 126, 5635-44	5.4	32
120	Lamin aggregation is an early sensor of porphyria-induced liver injury. <i>Journal of Cell Science</i> , 2013 , 126, 3105-12	5.3	27
119	Increased co-first authorships in biomedical and clinical publications: a call for recognition. <i>FASEB Journal</i> , 2013 , 27, 3902-4	0.9	20

118	Toll like receptor 3 plays a critical role in the progression and severity of acetaminophen-induced hepatotoxicity. <i>PLoS ONE</i> , 2013 , 8, e65899	3.7	31
117	Keratin 8 phosphorylation regulates keratin reorganization and migration of epithelial tumor cells. <i>Journal of Cell Science</i> , 2012 , 125, 2148-59	5.3	71
116	Oxidative stress, Nrf2 and keratin up-regulation associate with Mallory-Denk body formation in mouse erythropoietic protoporphyria. <i>Hepatology</i> , 2012 , 56, 322-31	11.2	26
115	The hypoxia-inducible factor-C/EBP β axis controls ethanol-mediated hepcidin repression. <i>Molecular and Cellular Biology</i> , 2012 , 32, 4068-77	4.8	35
114	Keratin 8 phosphorylation regulates its transamidation and hepatocyte Mallory-Denk body formation. <i>FASEB Journal</i> , 2012 , 26, 2318-26	0.9	25
113	Non-coding keratin variants associate with liver fibrosis progression in patients with hemochromatosis. <i>PLoS ONE</i> , 2012 , 7, e32669	3.7	9
112	Mallory-Denk bodies are associated with outcomes and histologic features in patients with chronic hepatitis C. <i>Clinical Gastroenterology and Hepatology</i> , 2011 , 9, 902-909.e1	6.9	19
111	Changing of the Guards: 2011-2016 Gastroenterology Team. <i>Gastroenterology</i> , 2011 , 141, 4-7	13.3	0
110	Hepatocyte-derived cultured cells with unusual cytoplasmic keratin-rich spheroid bodies. <i>Experimental Cell Research</i> , 2011 , 317, 2683-94	4.2	0
109	Fibrinogen- β proteolysis and solubility dynamics during apoptotic mouse liver injury: heparin prevents and treats liver damage. <i>Hepatology</i> , 2011 , 53, 1323-32	11.2	30
108	Energy determinants GAPDH and NDPK act as genetic modifiers for hepatocyte inclusion formation. <i>Journal of Cell Biology</i> , 2011 , 195, 217-29	7.3	28
107	Two strikes: limited NIH R55 and R56 retooling funds and abolishment of the A2 grant mechanism. <i>FASEB Journal</i> , 2011 , 25, 4108-10	0.9	
106	Panhematin provides a therapeutic benefit in experimental pancreatitis. <i>Gut</i> , 2011 , 60, 671-9	19.2	35
105	Heme oxygenase-1 is induced in peripheral blood mononuclear cells of patients with acute pancreatitis: a potential therapeutic target. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 300, G12-20	5.1	18
104	Absence of keratin 8 confers a paradoxical microflora-dependent resistance to apoptosis in the colon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 1445-50	11.5	39
103	Unique amino acid signatures that are evolutionarily conserved distinguish simple-type, epidermal and hair keratins. <i>Journal of Cell Science</i> , 2011 , 124, 4221-32	5.3	51
102	Keratin hypersumoylation alters filament dynamics and is a marker for human liver disease and keratin mutation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 2273-84	5.4	55
101	Cytoskeletal keratin glycosylation protects epithelial tissue from injury. <i>Nature Cell Biology</i> , 2010 , 12, 876-85	23.4	94

100	p38 MAP kinase and MAPKAP kinases MK2/3 cooperatively phosphorylate epithelial keratins. <i>Journal of Biological Chemistry</i> , 2010 , 285, 33242-33251	5.4	22
99	Gender dimorphic formation of mouse Mallory-Denk bodies and the role of xenobiotic metabolism and oxidative stress. <i>Gastroenterology</i> , 2010 , 138, 1607-17	13.3	40
98	Keratin variants predispose to acute liver failure and adverse outcome: race and ethnic associations. <i>Gastroenterology</i> , 2010 , 139, 828-35, 835.e1-3	13.3	58
97	Characterization of in vivo keratin 19 phosphorylation on tyrosine-391. <i>PLoS ONE</i> , 2010 , 5, e13538	3.7	13
96	Keratins modulate the shape and function of hepatocyte mitochondria: a mechanism for protection from apoptosis. <i>Journal of Cell Science</i> , 2009 , 122, 3851-5	5.3	54
95	Rescue of atypical protein kinase C in epithelia by the cytoskeleton and Hsp70 family chaperones. <i>Journal of Cell Science</i> , 2009 , 122, 2491-503	5.3	28
94	Keratin variants are overrepresented in primary biliary cirrhosis and associate with disease severity. <i>Hepatology</i> , 2009 , 50, 546-54	11.2	38
93	Keratins provide virus-dependent protection or predisposition to injury in coxsackievirus-induced pancreatitis. <i>Cell Health and Cytoskeleton</i> , 2009 , Volume 1, 51-65		5
92	Toward unraveling the complexity of simple epithelial keratins in human disease. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1794-805	15.9	192
91	"IF-pathies": a broad spectrum of intermediate filament-associated diseases. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1756-62	15.9	114
90	Keratin mutation predisposes to mouse liver fibrosis and unmasks differential effects of the carbon tetrachloride and thioacetamide models. <i>Gastroenterology</i> , 2008 , 134, 1169-79	13.3	45
89	Keratin overexpression levels correlate with the extent of spontaneous pancreatic injury. <i>American Journal of Pathology</i> , 2008 , 172, 882-92	5.8	31
88	Epidemiology of alcohol-related liver and pancreatic disease in the United States. <i>Archives of Internal Medicine</i> , 2008 , 168, 649-56		183
87	Extracellular transglutaminase 2 is catalytically inactive, but is transiently activated upon tissue injury. <i>PLoS ONE</i> , 2008 , 3, e1861	3.7	148
86	Autophagy activation by rapamycin eliminates mouse Mallory-Denk bodies and blocks their proteasome inhibitor-mediated formation. <i>Hepatology</i> , 2008 , 47, 2026-35	11.2	108
85	"Toxic memory" via chaperone modification is a potential mechanism for rapid Mallory-Denk body reinduction. <i>Hepatology</i> , 2008 , 48, 931-42	11.2	20
84	The genetic background modulates susceptibility to mouse liver Mallory-Denk body formation and liver injury. <i>Hepatology</i> , 2008 , 48, 943-52	11.2	40
83	Transglutaminase 2 regulates mallory body inclusion formation and injury-associated liver enlargement. <i>Gastroenterology</i> , 2007 , 132, 1515-26	13.3	62

82	Keratin 18 overexpression but not phosphorylation or filament organization blocks mouse Mallory body formation. <i>Hepatology</i> , 2007 , 45, 88-96	11.2	29
81	Keratins let liver live: Mutations predispose to liver disease and crosslinking generates Mallory-Denk bodies. <i>Hepatology</i> , 2007 , 46, 1639-49	11.2	130
80	Gene expression changes associated with Barrett's esophagus and Barrett's-associated adenocarcinoma cell lines after acid or bile salt exposure. <i>BMC Gastroenterology</i> , 2007 , 7, 24	3	16
79	From Mallory to Mallory-Denk bodies: what, how and why?. <i>Experimental Cell Research</i> , 2007 , 313, 2033-49	4.2	252
78	A mutation of keratin 18 within the coil 1A consensus motif causes widespread keratin aggregation but cell type-restricted lethality in mice. <i>Experimental Cell Research</i> , 2007 , 313, 3127-40	4.2	26
77	Reg-II is an exocrine pancreas injury-response product that is up-regulated by keratin absence or mutation. <i>Molecular Biology of the Cell</i> , 2007 , 18, 4969-78	3.5	19
76	The pancreatic stellate cell: a star on the rise in pancreatic diseases. <i>Journal of Clinical Investigation</i> , 2007 , 117, 50-9	15.9	474
75	Absence of keratin 19 in mice causes skeletal myopathy with mitochondrial and sarcolemmal reorganization. <i>Journal of Cell Science</i> , 2007 , 120, 3999-4008	5.3	76
74	Oxidative stress induces the endoplasmic reticulum stress and facilitates inclusion formation in cultured cells. <i>Journal of Hepatology</i> , 2007 , 47, 93-102	13.4	64
73	Analysis of keratin polypeptides 8 and 19 variants in inflammatory bowel disease. <i>Clinical Gastroenterology and Hepatology</i> , 2007 , 5, 857-64	6.9	33
72	"Heads and tails" of intermediate filament phosphorylation: multiple sites and functional insights. <i>Trends in Biochemical Sciences</i> , 2006 , 31, 383-94	10.3	233
71	Keratin variants associate with progression of fibrosis during chronic hepatitis C infection. <i>Hepatology</i> , 2006 , 43, 1354-63	11.2	56
70	Denaturing temperature selection may underestimate keratin mutation detection by DHPLC. <i>Human Mutation</i> , 2006 , 27, 444-52	4.7	12
69	Protein phosphatase-2A associates with and dephosphorylates keratin 8 after hyposmotic stress in a site- and cell-specific manner. <i>Journal of Cell Science</i> , 2006 , 119, 1425-32	5.3	29
68	Keratin 20 serine 13 phosphorylation is a stress and intestinal goblet cell marker. <i>Journal of Biological Chemistry</i> , 2006 , 281, 16453-61	5.4	27
67	A disease- and phosphorylation-related nonmechanical function for keratin 8. <i>Journal of Cell Biology</i> , 2006 , 174, 115-25	7.3	135
66	Bispecific and human disease-related anti-keratin rabbit monoclonal antibodies. <i>Experimental Cell Research</i> , 2006 , 312, 411-22	4.2	15
65	Gene expression profiling reveals stromal genes expressed in common between Barrett's esophagus and adenocarcinoma. <i>Gastroenterology</i> , 2006 , 131, 925-33	13.3	124

64	Pharmacologic transglutaminase inhibition attenuates drug-primed liver hypertrophy but not Mallory body formation. <i>FEBS Letters</i> , 2006 , 580, 2351–2357	3.8	12
63	Reciprocal keratin 18 Ser48 O-GlcNAcylation and Ser52 phosphorylation using peptide analysis. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 351, 708-12	3.4	12
62	New consensus nomenclature for mammalian keratins. <i>Journal of Cell Biology</i> , 2006 , 174, 169-74	7.3	524
61	Keratin-containing inclusions affect cell morphology and distribution of cytosolic cellular components. <i>Experimental Cell Research</i> , 2005 , 304, 471-82	4.2	14
60	Keratins as susceptibility genes for end-stage liver disease. <i>Gastroenterology</i> , 2005 , 129, 885-93	13.3	59
59	Chemistry and biology of dihydroisoxazole derivatives: selective inhibitors of human transglutaminase 2. <i>Chemistry and Biology</i> , 2005 , 12, 469-75		137
58	Cellular integrity plus: organelle-related and protein-targeting functions of intermediate filaments. <i>Trends in Cell Biology</i> , 2005 , 15, 608-17	18.3	209
57	Keratin mutation primes mouse liver to oxidative injury. <i>Hepatology</i> , 2005 , 41, 517-25	11.2	36
56	Keratin 8 overexpression promotes mouse Mallory body formation. <i>Journal of Cell Biology</i> , 2005 , 171, 931-7	7.3	61
55	Human Ran cysteine 112 oxidation by pervanadate regulates its binding to keratins. <i>Journal of Biological Chemistry</i> , 2005 , 280, 12162-7	5.4	13
54	Keratin-8-deficient mice develop chronic spontaneous Th2 colitis amenable to antibiotic treatment. <i>Journal of Cell Science</i> , 2005 , 118, 1971-80	5.3	74
53	Keratin 8 phosphorylation by protein kinase C delta regulates shear stress-mediated disassembly of keratin intermediate filaments in alveolar epithelial cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 30400-5	5.4	102
52	Hemin-activated macrophages home to the pancreas and protect from acute pancreatitis via heme oxygenase-1 induction. <i>Journal of Clinical Investigation</i> , 2005 , 115, 3007-14	15.9	99
51	Myeloid Progenitors Protect Against Radiation-Induced Intestinal Injury.. <i>Blood</i> , 2005 , 106, 5225-5225	2.2	
50	Raf-1 activation disrupts its binding to keratins during cell stress. <i>Journal of Cell Biology</i> , 2004 , 166, 479-85	7.3	49
49	Organ-specific stress induces mouse pancreatic keratin overexpression in association with NF-kappaB activation. <i>Journal of Cell Science</i> , 2004 , 117, 1709-19	5.3	42
48	Keratins modulate colonocyte electrolyte transport via protein mistargeting. <i>Journal of Cell Biology</i> , 2004 , 164, 911-21	7.3	106
47	Functional analysis of the human papillomavirus type 16 E1=E4 protein provides a mechanism for in vivo and in vitro keratin filament reorganization. <i>Journal of Virology</i> , 2004 , 78, 821-33	6.6	82

46	Intermediate filament proteins and their associated diseases. <i>New England Journal of Medicine</i> , 2004 , 351, 2087-100	59.2	392
45	Keratin 8 and 18 hyperphosphorylation is a marker of progression of human liver disease. <i>Hepatology</i> , 2004 , 40, 459-66	11.2	70
44	Aggregation and loss of cytokeratin filament networks inhibit golgi organization in liver-derived epithelial cell lines. <i>Cytoskeleton</i> , 2004 , 57, 37-52		23
43	Our new President--Emmet B. Keefe, M.D. <i>Gastroenterology</i> , 2004 , 126, 1454-60	13.3	1
42	Keratin 8/18 breakdown and reorganization during apoptosis. <i>Experimental Cell Research</i> , 2004 , 297, 11-26	4.2	164
41	Actin overexpression parallels severity of pancreatic injury. <i>Experimental Cell Research</i> , 2004 , 299, 404-14	4.2	15
40	Studying simple epithelial keratins in cells and tissues. <i>Methods in Cell Biology</i> , 2004 , 78, 489-517	1.8	67
39	Keratin 8 and 18 mutations are risk factors for developing liver disease of multiple etiologies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 6063-8	11.5	89
38	Keratin mutation in transgenic mice predisposes to Fas but not TNF-induced apoptosis and massive liver injury. <i>Hepatology</i> , 2003 , 37, 1006-14	11.2	80
37	Sphingosylphosphorylcholine regulates keratin network architecture and visco-elastic properties of human cancer cells. <i>Nature Cell Biology</i> , 2003 , 5, 803-11	23.4	216
36	Proteasome inhibition induces inclusion bodies associated with intermediate filaments and fragmentation of the Golgi apparatus. <i>Experimental Cell Research</i> , 2003 , 288, 60-9	4.2	35
35	Keratin-8 null mice have different gallbladder and liver susceptibility to lithogenic diet-induced injury. <i>Journal of Cell Science</i> , 2003 , 116, 4629-38	5.3	29
34	Keratin 20 helps maintain intermediate filament organization in intestinal epithelia. <i>Molecular Biology of the Cell</i> , 2003 , 14, 2959-71	3.5	73
33	Hard and Soft Principles defining the structure, function and regulation of keratin intermediate filaments. <i>Current Opinion in Cell Biology</i> , 2002 , 14, 110-22	9	535
32	Keratins: guardians of the liver. <i>Hepatology</i> , 2002 , 35, 251-7	11.2	129
31	Keratin 8 phosphorylation by p38 kinase regulates cellular keratin filament reorganization: modulation by a keratin 1-like disease causing mutation. <i>Journal of Biological Chemistry</i> , 2002 , 277, 10775-82	5.4	105
30	Hypotonic stress induces cell growth arrest via proteasome activation and cyclin/cyclin-dependent kinase degradation. <i>Journal of Biological Chemistry</i> , 2002 , 277, 19295-303	5.4	21
29	The intermediate filament protein keratin 8 is a novel cytoplasmic substrate for c-Jun N-terminal kinase. <i>Journal of Biological Chemistry</i> , 2002 , 277, 10767-74	5.4	91

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