Pavel Strnad

List of Publications by Year in descending order

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136 papers

10,250 citations

71102 41 h-index 97 g-index

142 all docs 142 docs citations

times ranked

142

19776 citing authors

#	Article	IF	CITATIONS
1	Hepatobiliary phenotypes of adults with alpha-1 antitrypsin deficiency. Gut, 2022, 71, 415-423.	12.1	28
2	Alpha-1 antitrypsin deficiency: A re-surfacing adult liver disorder. Journal of Hepatology, 2022, 76, 946-958.	3.7	30
3	Association of Telomere Length With Risk of Disease and Mortality. JAMA Internal Medicine, 2022, 182, 291.	5.1	81
4	Genetic Variant of CXCR1 (rs2234671) Associates with Clinical Outcome in Perihilar Cholangiocarcinoma. Liver Cancer, 2022, 11, 162-173.	7.7	9
5	Serum proteomic characterisation in acute liver failure. Zeitschrift Fur Gastroenterologie, 2022, 60, .	0.5	0
6	Desmoplakin Maintains Transcellular Keratin Scaffolding and Protects From Intestinal Injury. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1181-1200.	4.5	7
7	The Relationship between Plasma Alpha-1-Antitrypsin Polymers and Lung or Liver Function in ZZ Alpha-1-Antitrypsin-Deficient Patients. Biomolecules, 2022, 12, 380.	4.0	7
8	Serum keratin 19 (<scp>CYFRA21</scp> â€1) is a prognostic biomarker in severe alcoholic hepatitis. Liver International, 2022, 42, 1049-1057.	3.9	5
9	Pathophysiology of Chronic Liver Disease Development. International Journal of Molecular Sciences, 2022, 23, 3385.	4.1	2
10	Modern therapeutic approaches to liver-related disorders. Journal of Hepatology, 2022, 76, 1392-1409.	3.7	22
11	The prognostic impact of preoperative body composition in perihilar and intrahepatic cholangiocarcinoma. Hepatology Communications, 2022, 6, 2400-2417.	4.3	6
12	Fazirsiran for Liver Disease Associated with Alpha ₁ -Antitrypsin Deficiency. New England Journal of Medicine, 2022, 387, 514-524.	27.0	42
13	Imbalanced gut microbiota fuels hepatocellular carcinoma development by shaping the hepatic inflammatory microenvironment. Nature Communications, 2022, 13, .	12.8	68
14	Intraoperative Transfusion of Fresh Frozen Plasma Predicts Morbidity Following Partial Liver Resection for Hepatocellular Carcinoma. Journal of Gastrointestinal Surgery, 2021, 25, 1212-1223.	1.7	11
15	Insufficient future liver remnant and preoperative cholangitis predict perioperative outcome in perihilar cholangiocarcinoma. Hpb, 2021, 23, 99-108.	0.3	11
16	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. Journal of Hepatology, 2021, 74, 20-30.	3.7	77
17	Unexpected Pro-Fibrotic Effect of MIF in Non-Alcoholic Steatohepatitis Is Linked to a Shift in NKT Cell Populations. Cells, 2021, 10, 252.	4.1	11
18	The role of recipient myosteatosis in graft and patient survival after deceased donor liver transplantation. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 358-367.	7.3	28

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19	Serum transferrin as a biomarker of hepatocyte nuclear factor 4 alpha activity and hepatocyte function in liver diseases. BMC Medicine, 2021, 19, 39.	5. 5	8
20	Dual proteotoxic stress accelerates liver injury via activation of <scp>p62â€Nrf2</scp> . Journal of Pathology, 2021, 254, 80-91.	4.5	1
21	PNPLA3 and SERPINA1 Variants Are Associated with Severity of Fatty Liver Disease at First Referral to a Tertiary Center. Journal of Personalized Medicine, 2021, 11, 165.	2.5	6
22	Shear Wave Elastography and Shear Wave Dispersion Imaging in the Assessment of Liver Disease in Alpha1-Antitrypsin Deficiency. Diagnostics, 2021, 11, 629.	2.6	4
23	Expression of Interferons Lambda 3 and 4 Induces Identical Response in Human Liver Cell Lines Depending Exclusively on Canonical Signaling. International Journal of Molecular Sciences, 2021, 22, 2560.	4.1	5
24	Reply. Gastroenterology, 2021, 160, 1875-1877.	1.3	3
25	Polymerization of misfolded Z alpha-1 antitrypsin protein lowers CX3CR1 expression in human PBMCs. ELife, 2021, 10, .	6.0	4
26	Various myosteatosis selection criteria and their value in the assessment of short- and long-term outcomes following liver transplantation. Scientific Reports, 2021, 11, 13368.	3.3	13
27	Mortality in Patients With Genetic and Environmental Risk of Liver Disease. American Journal of Gastroenterology, 2021, 116, 1741-1745.	0.4	6
28	A genome-first approach to mortality and metabolic phenotypes in MTARC1 p.Ala165Thr (rs2642438) heterozygotes and homozygotes. Med, 2021, 2, 851-863.e3.	4.4	20
29	Hypothermic Oxygenated Machine Perfusion Reduces Early Allograft Injury and Improves Post-transplant Outcomes in Extended Criteria Donation Liver Transplantation From Donation After Brain Death. Annals of Surgery, 2021, 274, 705-712.	4.2	118
30	Clinical value and limitations of the preoperative Câ€reactiveâ€proteinâ€toâ€albumin ratio in predicting postâ€operative morbidity and mortality after deceasedâ€donor liver transplantation: a retrospective singleâ€centre study. Transplant International, 2021, 34, 1468-1480.	1.6	10
31	SARS-CoV-2 infection in alpha1-antitrypsin deficiency. Respiratory Medicine, 2021, 184, 106466.	2.9	10
32	Liver transplantation in malignant disease. World Journal of Clinical Oncology, 2021, 12, 623-645.	2.3	7
33	Alpha1-antitrypsin deficiency: New therapies on the horizon. Current Opinion in Pharmacology, 2021, 59, 149-156.	3.5	20
34	Phenomeâ€wide association study in adult coeliac disease: role of HLA subtype. Alimentary Pharmacology and Therapeutics, 2021, 53, 510-518.	3.7	10
35	Hepatobiliary phenotype of individuals with chronic intestinal disorders. Scientific Reports, 2021, 11, 19954.	3.3	7
36	Liver Fibrosisâ€"From Mechanisms of Injury to Modulation of Disease. Frontiers in Medicine, 2021, 8, 814496.	2.6	9

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37	Inflammatory activation of surface molecule shedding by upregulation of the pseudoprotease iRhom2 in colon epithelial cells. Scientific Reports, $2021, 11, 24230$.	3.3	8
38	Editorial: towards an understanding of increased mortality in coeliac diseaseâ€"authors' reply. Alimentary Pharmacology and Therapeutics, 2021, 53, 656-656.	3.7	0
39	Low Postoperative Platelet Counts Are Associated with Major Morbidity and Inferior Survival in Adult Recipients of Orthotopic Liver Transplantation. Journal of Gastrointestinal Surgery, 2020, 24, 1996-2007.	1.7	14
40	Myosteatosis to predict inferior perioperative outcome in patients undergoing orthotopic liver transplantation. American Journal of Transplantation, 2020, 20, 493-503.	4.7	62
41	Left- versus right-sided hepatectomy with hilar en-bloc resection in perihilar cholangiocarcinoma. Hpb, 2020, 22, 437-444.	0.3	33
42	The PREDICT study uncovers three clinical courses of acutely decompensated cirrhosis that have distinct pathophysiology. Journal of Hepatology, 2020, 73, 842-854.	3.7	282
43	Serum keratin 19 (CYFRA21-1) links ductular reaction with portal hypertension and outcome of various advanced liver diseases. BMC Medicine, 2020, 18, 336.	5.5	5
44	Decrease of renal resistance during hypothermic oxygenated machine perfusion is associated with early allograft function in extended criteria donation kidney transplantation. Scientific Reports, 2020, 10, 17726.	3.3	16
45	Impact of Angiogenesis- and Hypoxia-Associated Polymorphisms on Tumor Recurrence in Patients with Hepatocellular Carcinoma Undergoing Surgical Resection. Cancers, 2020, 12, 3826.	3.7	11
46	In Severe Alcoholic Hepatitis, Serum Keratin-18 Fragments Are Diagnostic, Prognostic, and Theragnostic Biomarkers. American Journal of Gastroenterology, 2020, 115, 1857-1868.	0.4	39
47	Liver Phenotypes of European Adults Heterozygous or Homozygous for Piâ^—Z Variant of AAT (Piâ^—MZ vs) Tj E	ГQq <u>1</u> 31 0.7	784314 rgBT
48	Serum Transferrin Is an Independent Predictor of Mortality in Severe Alcoholic Hepatitis. American Journal of Gastroenterology, 2020, 115, 398-405.	0.4	24
49	New <i>cis</i> -Acting Variants in PI*S Background Produce Null Phenotypes Causing Alpha-1 Antitrypsin Deficiency. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 444-451.	2.9	5
50	ALPPS versus two-stage hepatectomy for colorectal liver metastasesâ€"â€"a comparative retrospective cohort study. World Journal of Surgical Oncology, 2020, 18, 140.	1.9	19
51	Response to Diao et al American Journal of Gastroenterology, 2020, 115, 958-958.	0.4	0
52	Response to Sainath et al American Journal of Gastroenterology, 2020, 115, 1136-1137.	0.4	0
53	Ischemia-Reperfusion Injury in Marginal Liver Grafts and the Role of Hypothermic Machine Perfusion: Molecular Mechanisms and Clinical Implications. Journal of Clinical Medicine, 2020, 9, 846.	2.4	71
54	Alpha ₁ -Antitrypsin Deficiency. New England Journal of Medicine, 2020, 382, 1443-1455.	27.0	269

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55	The Medium-Chain Fatty Acid Receptor GPR84 Mediates Myeloid Cell Infiltration Promoting Steatohepatitis and Fibrosis. Journal of Clinical Medicine, 2020, 9, 1140.	2.4	49
56	Non-Invasive Assessment and Management of Liver Involvement in Adults With Alpha-1 Antitrypsin Deficiency. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2020, 7, 260-271.	0.7	9
57	Liver Fibrosis Assessment in Adults with Alpha1-Antitrypsin Deficiency. , 2020, , 187-195.		0
58	PiS and PiS-plus alleles. The importance of phasing gene variants in Alpha-1 Antitrypsin Deficiency. , 2020, , .		0
59	Heterozygous carriage of the alpha1-antitrypsin Pi*Z variant increases the risk to develop liver cirrhosis. Gut, 2019, 68, 1099-1107.	12.1	100
60	PS-197-Heterozygous alphal-antitrypsin deficiency (Pi*MZ) is associated with increased liver stiffness and elevated liver enzymes in a multi-center European cohort. Journal of Hepatology, 2019, 70, e122.	3.7	0
61	Liver Fibrosis and Metabolic Alterations in Adults With alpha-1-antitrypsin Deficiency Caused by the Pi*ZZ Mutation. Gastroenterology, 2019, 157, 705-719.e18.	1.3	82
62	Microgels Sopping Up Toxinsâ€"GM1a-Functionalized Microgels as Scavengers for Cholera Toxin. ACS Applied Materials & Diterfaces, 2019, 11, 25017-25023.	8.0	12
63	Assessment of liver phenotype in adults with severe alpha-1 antitrypsin deficiency (Pi*ZZ genotype). Journal of Hepatology, 2019, 71, 1272-1274.	3.7	22
64	THU-265-In severe alcoholic hepatitis, serum transferrin indicates impaired HNF4a signaling and predicts mortality independently of disease severity. Journal of Hepatology, 2019, 70, e278-e279.	3.7	0
65	SAT-417-Serum levels of keratin 19 fragments (CYFRA 21-1) are elevated in advanced liver disease and predict poor survival. Journal of Hepatology, 2019, 70, e818.	3.7	0
66	Identifying Efficient <i>Clostridium difficile</i> Toxin A Binders with a Multivalent Neo-Glycoprotein Glycan Library. Bioconjugate Chemistry, 2019, 30, 2373-2383.	3.6	9
67	Identification of Keratin 23 as a Hepatitis C Virus-Induced Host Factor in the Human Liver. Cells, 2019, 8, 610.	4.1	5
68	DEFIâ€ALFA: The French key to the alpha1 mystery?. Liver International, 2019, 39, 1019-1021.	3.9	5
69	Deregulation of Hepatic Mek1/2–Erk1/2 Signaling Module in Iron Overload Conditions. Pharmaceuticals, 2019, 12, 70.	3.8	6
70	Potential value and limitations of different clinical scoring systems in the assessment of short- and long-term outcome following orthotopic liver transplantation. PLoS ONE, 2019, 14, e0214221.	2.5	25
71	The role of ALPPS in intrahepatic cholangiocarcinoma. Langenbeck's Archives of Surgery, 2019, 404, 885-894.	1.9	19
72	Mild Iron Overload as Seen in Individuals Homozygous for the Alpha-1 Antitrypsin Pi*Z Variant Does Not Promote Liver Fibrogenesis in HFE Knockout Mice. Cells, 2019, 8, 1415.	4.1	6

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73	Low Serum Hepcidin Is Associated With Reduced Shortâ€Term Survival in Adults With Acute Liver Failure. Hepatology, 2019, 69, 2136-2149.	7.3	15
74	High Keratin 8/18 Ratio Predicts Aggressive Hepatocellular Cancer Phenotype. Translational Oncology, 2019, 12, 256-268.	3.7	28
75	Heterozygosity for the Alphaâ€1â€Antitrypsin Z Allele in Cirrhosis Is Associated With More Advanced Disease. Liver Transplantation, 2019, 25, 342-343.	2.4	3
76	Clinical approach to liver disease in adults with AATD. , 2019, , 114-126.		1
77	Hsp72 protects against liver injury via attenuation of hepatocellular death, oxidative stress, and JNK signaling. Journal of Hepatology, 2018, 68, 996-1005.	3.7	51
78	Liver – master and servant of serum proteome. Journal of Hepatology, 2018, 69, 512-524.	3.7	55
79	Endoglin in human liver disease and murine models of liver fibrosis—A protective factor against liver fibrosis. Liver International, 2018, 38, 858-867.	3.9	23
80	Comparison of non-invasive assessment of liver fibrosis in patients with alpha1-antitrypsin deficiency using magnetic resonance elastography (MRE), acoustic radiation force impulse (ARFI) Quantification, and 2D-shear wave elastography (2D-SWE). PLoS ONE, 2018, 13, e0196486.	2.5	24
81	Desmoglein 2, but not desmocollin 2, protects intestinal epithelia from injury. Mucosal Immunology, 2018, 11, 1630-1639.	6.0	45
82	Reversal of liver fibrosis: From fiction to reality. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2017, 31, 129-141.	2.4	128
83	Liver â€" guardian, modifier and target of sepsis. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 55-66.	17.8	371
84	Loss of Intestinal Epithelial Desmoglein 2 Leads to Desmosomal Remodelling and Increased Intestinal Permeability and Predisposes to Development of Colitis and Adenoma. Gastroenterology, 2017, 152, S119-S120.	1.3	0
85	Hepcidin knockout mice spontaneously develop chronic pancreatitis owing to cytoplasmic iron overload in acinar cells. Journal of Pathology, 2017, 241, 104-114.	4.5	36
86	Low serum transferrin correlates with acuteâ€onâ€chronic organ failure and indicates shortâ€term mortality in decompensated cirrhosis. Liver International, 2017, 37, 232-241.	3.9	38
87	p62/Sequestosome-1 Is Indispensable for Maturation and Stabilization of Mallory-Denk Bodies. PLoS ONE, 2016, 11, e0161083.	2.5	31
88	Simple Epithelial Keratins. Methods in Enzymology, 2016, 568, 351-388.	1.0	6
89	Canonical NFâ€PB signaling in hepatocytes acts as a tumorâ€suppressor in hepatitis B virus surface antigenâ€driven hepatocellular carcinoma by controlling the unfolded protein response. Hepatology, 2016, 63, 1592-1607.	7.3	51
90	Iron Parameters Determine the Prognosis of Critically Ill Patients*. Critical Care Medicine, 2016, 44, 1049-1058.	0.9	86

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91	In alcoholic cirrhosis, lowâ€serum hepcidin levels associate with poor longâ€term survival. Liver International, 2016, 36, 185-188.	3.9	27
92	Keratins: Biomarkers and modulators of apoptotic and necrotic cell death in the liver. Hepatology, 2016, 64, 966-976.	7.3	95
93	Hepcidin inhibits Smad3 phosphorylation in hepatic stellate cells by impeding ferroportin-mediated regulation of Akt. Nature Communications, 2016, 7, 13817.	12.8	54
94	Keratin 23 is a stress-inducible marker of mouse and human ductular reaction in liver disease. Journal of Hepatology, 2016, 65, 552-559.	3.7	32
95	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
96	Enhanced expression of c-myc in hepatocytes promotes initiation and progression of alcoholic liver disease. Journal of Hepatology, 2016, 64, 628-640.	3.7	29
97	Keratins are novel markers of renal epithelial cell injury. Kidney International, 2016, 89, 792-808.	5.2	72
98	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
99	Loss of keratin 19 favours the development of cholestatic liver disease through decreased ductular reaction. Journal of Pathology, 2015, 237, 343-354.	4.5	24
100	Epiplakin attenuates experimental mouse liver injury by chaperoning keratin reorganization. Journal of Hepatology, 2015, 62, 1357-1366.	3.7	18
101	Reply to: "Hepatic hepcidin expression is decreased in cirrhosis and HCC― Journal of Hepatology, 2015, 62, 979-980.	3.7	5
102	Keratins in health and disease. Current Opinion in Cell Biology, 2015, 32, 73-81.	5.4	193
103	Prevalence of genetic variants of keratins 8 and 18 in patients with drug-induced liver injury. BMC Medicine, 2015, 13, 196.	5.5	17
104	Keratins 8 and 18 are type <scp>II</scp> acuteâ€phase responsive genes overexpressed in human liver disease. Liver International, 2015, 35, 1203-1212.	3.9	26
105	Epiplakin Deficiency Aggravates Murine Caerulein-Induced Acute Pancreatitis and Favors the Formation of Acinar Keratin Granules. PLoS ONE, 2014, 9, e108323.	2.5	9
106	High-fat diet triggers Mallory-Denk body formation through misfolding and crosslinking of excess keratin 8. Hepatology, 2014, 60, 169-178.	7.3	41
107	The Role of Telomeres in Liver Disease. Progress in Molecular Biology and Translational Science, 2014, 125, 159-172.	1.7	3
108	Hepcidin knockout mice fed with iron-rich diet develop chronic liver injury and liver fibrosis due to lysosomal iron overload. Journal of Hepatology, 2014, 61, 633-641.	3.7	54

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109	<scp>CHOP</scp> â€mediated hepcidin suppression modulates hepatic iron load. Journal of Pathology, 2013, 231, 532-542.	4.5	15
110	Broad Spectrum of Hepatocyte Inclusions in Humans, Animals, and Experimental Models. , 2013, 3, 1393-1436.		39
111	Oblique Bile Duct Predisposes to the Recurrence of Bile Duct Stones. PLoS ONE, 2013, 8, e54601.	2.5	18
112	Keratins. Current Opinion in Gastroenterology, 2012, 28, 209-216.	2.3	54
113	Hepcidin is localised in gastric parietal cells, regulates acid secretion and is induced by <i>Helicobacter pylori < /i>infection. Gut, 2012, 61, 193-201.</i>	12.1	71
114	Keratin 8 phosphorylation regulates its transamidation and hepatocyte Malloryâ€Denk body formation. FASEB Journal, 2012, 26, 2318-2326.	0.5	31
115	Hsp72 Overexpression Accelerates the Recovery from Caerulein-Induced Pancreatitis. PLoS ONE, 2012, 7, e39972.	2.5	14
116	Hepatic activation of IKK/NFÎ $^\circ$ B signaling induces liver fibrosis via macrophage-mediated chronic inflammation. Hepatology, 2012, 56, 1117-1128.	7.3	120
117	Non-Coding Keratin Variants Associate with Liver Fibrosis Progression in Patients with Hemochromatosis. PLoS ONE, 2012, 7, e32669.	2.5	12
118	The cytoskeleton in nonalcoholic steatohepatitis: 100 years old but still youthful. Expert Review of Gastroenterology and Hepatology, 2011, 5, 167-177.	3.0	11
119	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
120	Cytoskeletal keratin glycosylation protects epithelial tissue from injury. Nature Cell Biology, 2010, 12, 876-885.	10.3	111
121	Keratin Variants Predispose to Acute Liver Failure and Adverse Outcome: Race and Ethnic Associations. Gastroenterology, 2010, 139, 828-835.e3.	1.3	72
122	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
123	Keratin variants are overrepresented in primary biliary cirrhosis and associate with disease severity. Hepatology, 2009, 50, 546-554.	7. 3	44
124	Toward unraveling the complexity of simple epithelial keratins in human disease. Journal of Clinical Investigation, 2009, 119, 1794-1805.	8.2	231
125	"Toxic memory―via chaperone modification is a potential mechanism for rapid mallory-denk body reinduction. Hepatology, 2008, 48, 931-942.	7. 3	20
126	The genetic background modulates susceptibility to mouse liver Mallory-Denk body formation and liver injury. Hepatology, 2008, 48, 943-952.	7.3	45

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127	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
128	Keratin Overexpression Levels Correlate with the Extent of Spontaneous Pancreatic Injury. American Journal of Pathology, 2008, 172, 882-892.	3.8	34
129	Analysis of Keratin Polypeptides 8 and 19 Variants in Inflammatory Bowel Disease. Clinical Gastroenterology and Hepatology, 2007, 5, 857-864.	4.4	39
130	Transglutaminase 2 Regulates Mallory Body Inclusion Formation and Injury-Associated Liver Enlargement. Gastroenterology, 2007, 132, 1515-1526.	1.3	66
131	Keratin 18 overexpression but not phosphorylation or filament organization blocks mouse Mallory body formation. Hepatology, 2007, 45, 88-96.	7.3	32
132	Keratins let liver live: Mutations predispose to liver disease and crosslinking generates Mallory-Denk bodies. Hepatology, 2007, 46, 1639-1649.	7.3	148
133	From Mallory to Mallory–Denk bodies: What, how and why?. Experimental Cell Research, 2007, 313, 2033-2049.	2.6	304
134	Keratin variants associate with progression of fibrosis during chronic hepatitis C infection. Hepatology, 2006, 43, 1354-1363.	7. 3	62
135	Denaturing temperature selection may underestimate keratin mutation detection by DHPLC. Human Mutation, 2006, 27, 444-452.	2.5	14
136	Keratin 8 overexpression promotes mouse Mallory body formation. Journal of Cell Biology, 2005, 171, 931-937.	5.2	63