Filip Braet

List of Publications by Year in descending order

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FILID RDAFT

#	Article	IF	CITATIONS
1	Fat causes necrosis and inflammation in parenchymal cells in human steatotic liver. Histochemistry and Cell Biology, 2022, 157, 27-38.	1.7	7
2	From Microenvironment Remediation to Novel Anti-Cancer Strategy: The Emergence of Zero Valent Iron Nanoparticles. Pharmaceutics, 2022, 14, 99.	4.5	3
3	KCa3.1 Mediates Dysregulation of Mitochondrial Quality Control in Diabetic Kidney Disease. Frontiers in Cell and Developmental Biology, 2021, 9, 573814.	3.7	10
4	Three-dimensional ultrastructure of giant mitochondria in human non-alcoholic fatty liver disease. Scientific Reports, 2021, 11, 3319.	3.3	51
5	Three-dimensional reconstruction of leukocyte internalisation in the luminal uterine epithelium following mating. Experimental Cell Research, 2020, 386, 111727.	2.6	1
6	â€~Muscle superman' Cristobal Guillermo dos Remedios: five decades of endless energy. Biophysical Reviews, 2020, 12, 755-756.	3.2	1
7	Biophysical nanocharacterization of liver sinusoidal endothelial cells through atomic force microscopy. Biophysical Reviews, 2020, 12, 625-636.	3.2	12
8	Foreword to the special issue on zebrafish imaging: Emerging techniques and methodologies. Micron, 2020, 136, 102877.	2.2	0
9	Observation and characterisation of macrophages in zebrafish liver. Micron, 2020, 132, 102851.	2.2	7
10	Tracking Fenestrae Dynamics in Live Murine Liver Sinusoidal Endothelial Cells. Hepatology, 2019, 69, 876-888.	7.3	47
11	Actinâ€ s pectrin scaffold supports open fenestrae in liver sinusoidal endothelial cells. Traffic, 2019, 20, 932-942.	2.7	24
12	Skeletal MyBP-C isoforms tune the molecular contractility of divergent skeletal muscle systems. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21882-21892.	7.1	31
13	Expedited large-volume 3-D SEM workflows for comparative microanatomical imaging. Methods in Cell Biology, 2019, 152, 23-39.	1.1	4
14	Albumin uptake and distribution in the zebrafish liver as observed via correlative imaging. Experimental Cell Research, 2019, 374, 162-171.	2.6	8
15	Cannabinoid-induced increase of quantal size and enhanced neuromuscular transmission. Scientific Reports, 2018, 8, 4685.	3.3	17
16	Foreword to the special issue on applications of atomic force microscopy in cell biology. Seminars in Cell and Developmental Biology, 2018, 73, 1-3.	5.0	7
17	Probing the unseen structure and function of liver cells through atomic force microscopy. Seminars in Cell and Developmental Biology, 2018, 73, 13-30.	5.0	27
18	Gentle palpating liver sinusoidal endothelial cells reveals the dynamic behavior and formation of fenestrae: A new window for biomedical research. Hepatology, 2018, 67, 2460-2461.	7.3	3

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19	Characterization of Iron Core–Gold Shell Nanoparticles for Anti-Cancer Treatments: Chemical and Structural Transformations During Storage and Use. Materials, 2018, 11, 2572.	2.9	14
20	A-Band Titin Truncation in Zebrafish Causes Dilated Cardiomyopathy and Hemodynamic Stress Intolerance. Circulation Genomic and Precision Medicine, 2018, 11, e002135.	3.6	35
21	Silver Filler Pre-embedding to Enhance Resolution and Contrast in Multidimensional SEM: A Nanoscale Imaging Study on Liver Tissue. Methods in Molecular Biology, 2018, 1814, 561-576.	0.9	4
22	Relocation is the key to successful correlative fluorescence and scanning electron microscopy. Methods in Cell Biology, 2017, 140, 215-244.	1.1	5
23	Combined Multidimensional Microscopy as a Histopathology Imaging Tool. Journal of Cellular Physiology, 2017, 232, 249-256.	4.1	6
24	Dissecting the Cellular Behaviour of Colorectal Cancer via Multimodal Imaging and Correlative Microscopy. Microscopy and Microanalysis, 2017, 23, 344-345.	0.4	0
25	Polysialic Acid Regulates Sympathetic Outflow by Facilitating Information Transfer within the Nucleus of the Solitary Tract. Journal of Neuroscience, 2017, 37, 6558-6574.	3.6	8
26	Ultrastructural Mapping of the Zebrafish Gastrointestinal System as a Basis for Experimental Drug Studies. BioMed Research International, 2016, 2016, 1-13.	1.9	14
27	3-D EM exploration of the hepatic microarchitecture – lessons learned from large-volume in situ serial sectioning. Scientific Reports, 2016, 6, 36744.	3.3	14
28	Thioredoxin interacting protein (TXNIP) regulates tubular autophagy and mitophagy in diabetic nephropathy through the mTOR signaling pathway. Scientific Reports, 2016, 6, 29196.	3.3	106
29	KCa3.1 mediates dysfunction of tubular autophagy in diabetic kidneys via PI3k/Akt/mTOR signaling pathways. Scientific Reports, 2016, 6, 23884.	3.3	60
30	Sinusoidal obstruction syndrome (SOS): A light and electron microscopy study in human liver. Micron, 2016, 84, 17-22.	2.2	14
31	Novel Transarterial Biomimetic-Based Nanoparticles for the Treatment of Hepatocellular Carcinoma. Gastroenterology, 2016, 150, 312-314.	1.3	4
32	Bring your paper into the †Fast Lane' of the editorial process and increase your changes for final acceptance in Micron, The International Research and Review Journal for Microscopy. Micron, 2015, 74, iv-v.	2.2	0
33	Dissolution and degradation of Fmoc-diphenylalanine self-assembled gels results in necrosis at high concentrations in vitro. Biomaterials Science, 2015, 3, 298-307.	5.4	70
34	Combining Wide-Field Super-Resolution Microscopy and Electron Tomography. Methods in Cell Biology, 2014, 124, 129-149.	1.1	3
35	Jet-fixation: A novel method to improve microscopy of human liver needle biopsies. Hepatology, 2014, 59, 737-739.	7.3	9
36	Thioredoxin-interacting protein mediates dysfunction of tubular autophagy in diabetic kidneys through inhibiting autophagic flux. Laboratory Investigation, 2014, 94, 309-320.	3.7	50

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37	Assessment of different fixation protocols on the presence of membrane-bound vesicles in Caco-2 cells: A multidimensional view by means of correlative light and 3-D transmission electron microscopy. Micron, 2014, 67, 20-29.	2.2	5
38	Depressed Contractility at Low-Load Spontaneous Oscillatory Contractions in Human Hypertrophic Cardiomyopathy with MYBPC3 Mutations. Biophysical Journal, 2014, 106, 347a-348a.	0.5	0
39	Ethics issues. Micron, 2014, 61, iv.	2.2	0
40	Surface functionalization of carbon nanomaterials by selfâ€assembling hydrophobin proteins. Biopolymers, 2013, 99, 84-94.	2.4	35
41	A New Functional Measure of Contractility in Human Cardiomyopathies. Biophysical Journal, 2013, 104, 37a.	0.5	0
42	Application of transmission electron tomography for modeling the renal corpuscle. Pathology Research and Practice, 2013, 209, 731-734.	2.3	2
43	A New Way to Examine the Function of Mutant MYBPC3 Expression in Cardiomyocytes of Mice. Biophysical Journal, 2013, 104, 309a.	0.5	1
44	A36-dependent Actin Filament Nucleation Promotes Release of Vaccinia Virus. PLoS Pathogens, 2013, 9, e1003239.	4.7	34
45	The anticancer properties of iron core–gold shell nanoparticles in colorectal cancer cells. International Journal of Nanomedicine, 2013, 8, 3321.	6.7	25
46	Macrophage depletion ameliorates kavalactone damage in the isolated perfused rat liver. Journal of Toxicological Sciences, 2012, 37, 447-453.	1.5	6
47	Heart of the Matter: Assessing Human Cardiomyopathies with Spontaneous Oscillatory Contractions (SPOC). Biophysical Journal, 2012, 102, 353a.	0.5	0
48	Imaging Fluorescently Labeled Complexes by Means of Multidimensional Correlative Light and Transmission Electron Microscopy. Methods in Cell Biology, 2012, 111, 1-20.	1.1	13
49	AFM imaging of fenestrated liver sinusoidal endothelial cells. Micron, 2012, 43, 1252-1258.	2.2	26
50	Foreword to the special issue on AFM in biology & bionanomedicine. Micron, 2012, 43, 1211.	2.2	1
51	The Biochemiresistor: An Ultrasensitive Biosensor for Small Organic Molecules. Angewandte Chemie - International Edition, 2012, 51, 6456-6459.	13.8	38
52	Correlative microscopy: Providing new understanding in the biomedical and plant sciences. Micron, 2012, 43, 565-582.	2.2	59
53	Induced polymersome formation from a diblock PS-b-PAA polymer via encapsulation of positively charged proteins and peptides. Chemical Communications, 2011, 47, 6314.	4.1	22
54	Self-Assembly of Gold Nanowires along Carbon Nanotubes for Ultrahigh-Aspect-Ratio Hybrids. Chemistry of Materials, 2011, 23, 2760-2765.	6.7	20

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55	Spontaneous Oscillatory Contraction (SPOC): Quantifying the Contractile Performance of Human Cardiomyocytes. Biophysical Journal, 2011, 100, 298a.	0.5	0
56	The structure and luminescence properties of europium(iii) triflate doped self-assembled pyromellitamide gels. New Journal of Chemistry, 2011, 35, 1466.	2.8	16
57	Imaging the dynamics of intracellular protein translocation by photoconversion of phamretâ€cybr/ROM. Journal of Microscopy, 2011, 242, 250-261.	1.8	0
58	An outbreak of granulomatous peritonitis caused by injectable selenium in a flock of Merino sheep. Australian Veterinary Journal, 2011, 89, 209-212.	1.1	2
59	P2. The therapeutic implications of FeAu nanoparticles in head and neck cancer chemotherapy and the molecular mechanism of selective anti-neoplastic efficacy. Oral Oncology, 2011, 47, S74.	1.5	0
60	Selfâ€Assembled Gels for Biomedical Applications. Chemistry - an Asian Journal, 2011, 6, 30-42.	3.3	107
61	Cancer-cell-specific cytotoxicity of non-oxidized iron elements in iron core-gold shell NPs. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 420-427.	3.3	66
62	SPontaneous Oscillatory Contraction (SPOC): auto-oscillations observed in striated muscle at partial activation. Biophysical Reviews, 2011, 3, 53-62.	3.2	10
63	Assessment and histological analysis of the IPRL technique for sequential in situ liver biopsy. Comparative Hepatology, 2011, 10, 7.	0.9	4
64	GM1 Expression in Caco-2 Cells: Characterisation of a Fundamental Passage-dependent Transformation of a Cell Line. Journal of Pharmaceutical Sciences, 2011, 100, 3751-3762.	3.3	17
65	Graphene and Related Materials in Electrochemical Sensing. Electroanalysis, 2011, 23, 803-826.	2.9	256
66	The selective growth inhibition of oral cancer by iron core-gold shell nanoparticles through mitochondria-mediated autophagy. Biomaterials, 2011, 32, 4565-4573.	11.4	145
67	Caveolae and caveolin-1 in reptilian liver. Micron, 2011, 42, 656-661.	2.2	3
68	Multifaceted nature of membrane microdomains in colorectal cancer. World Journal of Gastroenterology, 2011, 17, 681.	3.3	22
69	Toward Ubiquitous Environmental Gas Sensors—Capitalizing on the Promise of Graphene. Environmental Science & Technology, 2010, 44, 1167-1176.	10.0	266
70	Multi-dimensional correlative imaging of subcellular events: combining the strengths of light and electron microscopy. Biophysical Reviews, 2010, 2, 121-135.	3.2	26
71	Carbon Nanomaterials in Biosensors: Should You Use Nanotubes or Graphene?. Angewandte Chemie - International Edition, 2010, 49, 2114-2138.	13.8	1,301
72	Customising an antibody leukocyte capture microarray for systemic lupus erythematosus: Beyond biomarker discovery. Proteomics - Clinical Applications, 2010, 4, 179-189.	1.6	5

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73	Fixation methods for electron microscopy of human and other liver. World Journal of Gastroenterology, 2010, 16, 2851.	3.3	85
74	Atom Probe Microscopy of Self-Assembled Monolayers: Preliminary Results. Langmuir, 2010, 26, 5291-5294.	3.5	28
75	Synthesis, Characterization, and Multilayer Assembly of pH Sensitive Grapheneâ `Polymer Nanocomposites. Langmuir, 2010, 26, 10068-10075.	3.5	204
76	Evaluation of the Microanatomy of the Liver via a Rapid Sample Preparation Protocol and a Table-Top Scanning Electron Microscope. The Open Anatomy Journal, 2010, 2, 98-101.	0.5	1
77	Unlocking the ultrastructure of colorectal cancer cells <i>in vitro</i> using selective staining. World Journal of Gastroenterology, 2010, 16, 2743.	3.3	19
78	Using Antibody Arrays to Detect Microparticles from Acute Coronary Syndrome Patients Based on Cluster of Differentiation (CD) Antigen Expression. Molecular and Cellular Proteomics, 2009, 8, 799-804.	3.8	14
79	Glomerular endothelial cell fenestrations: an integral component of the glomerular filtration barrier. American Journal of Physiology - Renal Physiology, 2009, 296, F947-F956.	2.7	253
80	Foreword to the themed issue on correlative microscopy. Journal of Microscopy, 2009, 235, 239-240.	1.8	7
81	Correlative fluorescence and transmission electron microscopy: an elegant tool to study the actin cytoskeleton of wholeâ€mount (breast) cancer cells. Journal of Microscopy, 2009, 235, 282-292.	1.8	9
82	Threeâ€dimensional organization of fenestrae labyrinths in liver sinusoidal endothelial cells. Liver International, 2009, 29, 603-613.	3.9	39
83	Rac1, caveolinâ€1 and vascular endothelial growth factor â€mediated liver sinusoidal endothelial cell angiogenesis. Liver International, 2009, 29, 143-144.	3.9	7
84	Hepatic steatosis and congenital portosystemic shunts: a threeâ€dimensional transmission electron microscopic view. Liver International, 2009, 29, 884-885.	3.9	0
85	In vitro studies of cells grown on the superconductor PrOxFeAs. Micron, 2009, 40, 476-479.	2.2	0
86	In situ polymerization of tropoelastin in the absence of chemical cross-linking. Biomaterials, 2009, 30, 431-435.	11.4	74
87	ELP3 localises to mitochondria and actin-rich domains at edges of HeLa cells. Neuroscience Letters, 2009, 455, 60-64.	2.1	14
88	Pyromellitamide Gelators: Exponential Rate of Aggregation, Hierarchical Assembly, and Their Viscoelastic Response to Anions. Langmuir, 2009, 25, 8586-8592.	3.5	20
89	The Effect of Unsaturation on the Formation of Self-Assembled Gels from Fatty Acid L-Serine Amides and their Cytotoxicity Towards Caco-2 Cancer Cells. Australian Journal of Chemistry, 2009, 62, 653.	0.9	8
90	Investigation of Self-assembled Monolayer by Atom Probe Microscopy. Microscopy and Microanalysis, 2009, 15, 272-273.	0.4	34

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91	Stable and unstable angina: Identifying novel markers on circulating leukocytes. Proteomics - Clinical Applications, 2008, 2, 90-98.	1.6	10
92	Monitoring membrane rafts in colorectal cancer cells by means of correlative fluorescence electron microscopy (CFEM). Micron, 2008, 39, 1393-1397.	2.2	9
93	Planar Microfluidic Chamber for Generation of Stable and Steep Chemoattractant Gradients. Biophysical Journal, 2008, 95, 1523-1530.	0.5	25
94	Defects in Tongue Papillae and Taste Sensation Indicate a Problem with Neurotrophic Support in Various Neurological Diseases. Neuroscientist, 2008, 14, 240-250.	3.5	30
95	Actin-Binding Drugs: An Elegant Tool to Dissect Subcellular Processes in Endothelial and Cancer Cells. , 2008, , 37-49.		5
96	Influence of kavain on hepatic ultrastructure. World Journal of Gastroenterology, 2008, 14, 541.	3.3	17
97	The fine structure of bioreactor liver tissue seen through the eyes of X-ray micro-computed tomography. , 2008, , 695-696.		0
98	Structural and functional considerations on the 3-D organization of the fenestrated cytoplasm of hepatic endothelial cells. , 2008, , 67-68.		0
99	A unique and specific interaction between αT-catenin and plakophilin-2 in the area composita, the mixed-type junctional structure of cardiac intercalated discs. Journal of Cell Science, 2007, 120, 2126-2136.	2.0	106
100	Di-(2-ethylhexyl)phthalate and Deep Venous Thrombosis in Children: A Clinical and Experimental Analysis. Pediatrics, 2007, 119, e742-e753.	2.1	6
101	Contribution of high-resolution correlative imaging techniques in the study of the liver sieve in three-dimensions. Microscopy Research and Technique, 2007, 70, 230-242.	2.2	97
102	Moving in the right direction—Nanoimaging in cancer cell motility and metastasis. Microscopy Research and Technique, 2007, 70, 252-257.	2.2	25
103	Creating nextâ€generation microscopists: structural and molecular biology at the crossroads. Journal of Cellular and Molecular Medicine, 2007, 11, 759-763.	3.6	9
104	Carbon nanotubes for biological and biomedical applications. Nanotechnology, 2007, 18, 412001.	2.6	522
105	The Functional Interrelationship between Gap Junctions and Fenestrae in Endothelial Cells of the Liver Organoid. Journal of Membrane Biology, 2007, 217, 115-121.	2.1	13
106	The hepatic sinusoidal endothelial lining and colorectal liver metastases. World Journal of Gastroenterology, 2007, 13, 821.	3.3	37
107	Tropoelastin Massively Associates during Coacervation To Form Quantized Protein Spheresâ€. Biochemistry, 2006, 45, 9989-9996.	2.5	98
108	Detection of collagen by second harmonic microscopy as a diagnostic tool for liver fibrosis. , 2006, , .		3

Detection of collagen by second harmonic microscopy as a diagnostic tool for liver fibrosis. , 2006, , . 108

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109	The visualization of hepatic vasculature by X-ray micro-computed tomography. Journal of Electron Microscopy, 2006, 55, 151-155.	0.9	27
110	Developments in Using Scanning Probe Microscopy To Study Molecules on Surfaces — From Thin Films and Single-Molecule Conductivity to Drug–Living Cell Interactions. Australian Journal of Chemistry, 2006, 59, 359.	0.9	9
111	Nanostructural analysis of starch components by atomic force microscopy. Journal of Microscopy, 2006, 224, 181-186.	1.8	25
112	Rapid chemokinetic movement and the invasive potential of lung cancer cells; a functional molecular study. BMC Cancer, 2006, 6, 151.	2.6	17
113	Mechanisms Directing the Nuclear Localization of the CtBP Family Proteins. Molecular and Cellular Biology, 2006, 26, 4882-4894.	2.3	62
114	Reconstruction of liver organoid using a bioreactor. World Journal of Gastroenterology, 2006, 12, 1881.	3.3	26
115	Hydrodynamics based transfection in normal and fibrotic rats. World Journal of Gastroenterology, 2006, 12, 6149.	3.3	21
116	Diaphragmed fenestrae in the glomerular endothelium versus nondiaphragmed fenestrae in the hepatic endothelium. Kidney International, 2005, 68, 1902.	5.2	6
117	The long-term culture of pig liver sinusoidal endothelial cells: The holy grail found. European Journal of Cell Biology, 2005, 84, 745-748.	3.6	3
118	Structural and functional aspects of the liver and liver sinusoidal cells in relation to colon carcinoma metastasis. World Journal of Gastroenterology, 2005, 11, 5095.	3.3	45
119	Diaphragmed fenestrae in the glomerular endothelium versus nondiaphragmed fenestrae in the hepatic endothelium. Kidney International, 2005, 68, 1902-1902.	5.2	0
120	Imaging Surface and Submembranous Structures in Living Cells With the Atomic Force Microscope: Notes and Tricks. , 2004, 242, 201-216.		5
121	How molecular microscopy revealed new insights into the dynamics of hepatic endothelial fenestrae in the past decade. Liver International, 2004, 24, 532-539.	3.9	31
122	DiO-labeled CC531s colon carcinoma cells traverse the hepatic sinusoidal endothelium via the Fas/FasL pathway. Journal of Gastrointestinal Surgery, 2004, 8, 371-372.	1.7	6
123	The effect of cytochalasin B - Loaded liposomes on the ultrastructure of the liver sieve. Comparative Hepatology, 2004, 3, S27.	0.9	3
124	Study of the reappearance of sieve plate-like pores in immortalized sinusoidal endothelial cells - Effect of actin inhibitor in mixed perfusion cultures. Comparative Hepatology, 2004, 3, S28.	0.9	4
125	Cytotoxic reactions of CC531s towards liver sinusoidal endothelial cells: a microscopical study. Comparative Hepatology, 2004, 3, S49.	0.9	6
126	Confocal laser scanning microscopic study of the killing of metastatic colon carcinoma cells by Kupffer cells in the early onset of hepatic metastasis. Comparative Hepatology, 2004, 3, S50.	0.9	2

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127	Pit cells exclusively kill P815 tumor cells by the perforin/granzyme pathway. Comparative Hepatology, 2004, 3, S58.	0.9	3
128	Liver sinusoidal endothelial cell modulation upon resection and shear stress in vitro. Comparative Hepatology, 2004, 3, 7.	0.9	48
129	Interactions between rat colon carcinoma cells and Kupffer cells during the onset of hepatic metastasis. International Journal of Cancer, 2004, 112, 793-802.	5.1	57
130	Immuno-localization of Fas and FasL in rat hepatic endothelial cells: influence of different fixation protocols. Micron, 2004, 35, 303-306.	2.2	17
131	The suppressor of cytokine signaling (SOCS)-7 interacts with the actin cytoskeleton through vinexin. Experimental Cell Research, 2004, 298, 239-248.	2.6	28
132	Nitric oxide from rat liver sinusoidal endothelial cells induces apoptosis in IFN Î ³ -sensitized CC531s colon carcinoma cells. Journal of Hepatology, 2004, 41, 11-18.	3.7	10
133	Antimycin A-induced defenestration in rat hepatic sinusoidal endothelial cells. Hepatology, 2003, 38, 394-402.	7.3	40
134	CC531S-induced damage of the rat liver sinusoidal endothelial lining is mediated by the Fas/FasL pathway. Hepatology, 2003, 38, 1314-1314.	7.3	4
135	Thirty-five years of liver sinusoidal cells: Eddie wisse in retirement. Hepatology, 2003, 38, 1056-1058.	7.3	3
136	CC531s colon carcinoma cells induce apoptosis in rat hepatic endothelial cells by the Fas/FasL-mediated pathway. Liver International, 2003, 23, 283-293.	3.9	19
137	The observation of intact hepatic endothelial cells by cryo-electron microscopy. Journal of Microscopy, 2003, 212, 175-185.	1.8	12
138	Hemodynamic forces modulate liver endothelial cell morphology and expression of VEGF receptors. Journal of Hepatology, 2003, 38, 85.	3.7	0
139	Thirty-five years of liver sinusoidal cells: Eddie Wisse in retirement. Hepatology, 2003, 38, 1056-1058.	7.3	3
140	VEGF-induced mobilization of caveolae and increase in permeability of endothelial cells. American Journal of Physiology - Cell Physiology, 2002, 282, C1053-C1063.	4.6	97
141	Ageing of the liver sieve and pseudocapillarisation. Lancet, The, 2002, 360, 1171-1172.	13.7	6
142	Actin filament formation, reorganization and migration are impaired in hepatic stellate cells under influence of trichostatin A, a histone deacetylase inhibitor. Journal of Hepatology, 2002, 37, 788-796.	3.7	61
143	Tracing DiO-labelled tumour cells in liver sections by confocal laser scanning microscopy. Journal of Microscopy, 2002, 208, 65-74.	1.8	22
144	Structural and functional aspects of liver sinusoidal endothelial cell fenestrae: a review. Comparative Hepatology, 2002, 1, 1.	0.9	591

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145	The new anti-actin agent dihydrohalichondramide reveals fenestrae-forming centers in hepatic endothelial cells. BMC Cell Biology, 2002, 3, 7.	3.0	35
146	The Fâ€Actin Content of Multiple Myeloma Cells as a Measure of Their Migration. Annals of the New York Academy of Sciences, 2002, 973, 124-136.	3.8	19
147	Hepatic natural killer cells exclusively kill splenic/blood natural killer-resistant tumor cells by the perforin/granzyme pathway. Journal of Leukocyte Biology, 2002, 72, 668-76.	3.3	78
148	Early detection of cytotoxic events between hepatic natural killer cells and colon carcinoma cells as probed with the atomic force microscope. Ultramicroscopy, 2001, 89, 265-273.	1.9	27
149	A comparative atomic force microscopy study on living skin fibroblasts and liver endothelial cells. Journal of Electron Microscopy, 2001, 50, 283-290.	0.9	69
150	On the cell biology of pit cells, the liver-specific NK cells. World Journal of Gastroenterology, 2000, 6, 1.	3.3	29
151	Insulin-Like Growth Factor-1 Acts as a Chemoattractant Factor for 5T2 Multiple Myeloma Cells. Blood, 1999, 93, 235-241.	1.4	82
152	New anti-actin drugs in the study of the organization and function of the actin cytoskeleton. , 1999, 47, 18-37.		300
153	Endothelial Cells of the Hepatic Sinusoids: A Review. , 1999, , 17-53.		12
154	Insulin-Like Growth Factor-1 Acts as a Chemoattractant Factor for 5T2 Multiple Myeloma Cells. Blood, 1999, 93, 235-241.	1.4	2
155	Comparison of fixed and living liver endothelial cells by atomic force microscopy. Applied Physics A: Materials Science and Processing, 1998, 66, S575-S578.	2.3	113
156	Imaging surface and submembranous structures with the atomic force microscope: a study on living cancer cells, fibroblasts and macrophages. Journal of Microscopy, 1998, 190, 328-338.	1.8	86
157	A Newly Established Porcine Aortic Endothelial Cell Line: Characterization and Application to the Study of Human-to-Swine Graft Rejection. Experimental Cell Research, 1998, 238, 90-100.	2.6	15
158	A novel structure involved in the formation of liver endothelial cell fenestrae revealed by using the actin inhibitor misakinolide. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 13635-13640.	7.1	82
159	On the Function of Pit Cells, the Liver-Specific Natural Killer Cells. Seminars in Liver Disease, 1997, 17, 265-286.	3.6	65
160	Drying cells for SEM, AFM and TEM by hexamethyldisilazane: a study on hepatic endothelial cells. Journal of Microscopy, 1997, 186, 84-87.	1.8	280
161	Noncontact versus contact imaging: An atomic force microscopic study on hepatic endothelial cellsin vitro. International Journal of Imaging Systems and Technology, 1997, 8, 162-167.	4.1	22
162	AFM IMAGING AND ELASTICITY MEASUREMENTS ON LIVING RAT LIVER MACROPHAGES. Cell Biology International, 1997, 21, 685-696.	3.0	191

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163	Noncontact versus contact imaging: An atomic force microscopic study on hepatic endothelial cells in vitro. International Journal of Imaging Systems and Technology, 1997, 8, 162-167.	4.1	2
164	Comparative atomic force and scanning electron microscopy: an investigation on fenestrated endothelial cells in vitro. Journal of Microscopy, 1996, 181, 10-17.	1.8	52
165	Microfilament-disrupting agent latrunculin A induces and increased number of fenestrae in rat liver sinusoidal endothelial cells: Comparison with cytochalasin B. Hepatology, 1996, 24, 627-635.	7.3	62
166	Structure and Function of Sinusoidal Lining Cells in the Liver. Toxicologic Pathology, 1996, 24, 100-111.	1.8	255
167	Microfilament-disrupting agent latrunculin A induces and increased number of fenestrae in rat liver sinusoidal endothelial cells: Comparison with cytochalasin B. Hepatology, 1996, 24, 627-635.	7.3	29
168	COMPARISON BETWEEN AORTIC AND SINUSOIDAL LIVER ENDOTHELIAL CELLS AS TARGETS OF HYPERACUTE XENOGENEIC REJECTION IN THE PIG TO HUMAN COMBINATION1. Transplantation, 1996, 62, 803-810.	1.0	23
169	Comparative scanning, transmission and atomic force microscopy of the microtubular cytoskeleton in fenestrated liver endothelial cells. Scanning Microscopy Supplement, 1996, 10, 225-35; discussion 235-6.	0.0	12
170	New observations on cytoskeleton and fenestrae in isolated rat liver sinusoidal endothelial cells. Journal of Gastroenterology and Hepatology (Australia), 1995, 10, S3-S7.	2.8	11
171	Structure and dynamics of the fenestrae-associated cytoskeleton of rat liver sinusoidal endothelial cells. Hepatology, 1995, 21, 180-189.	7.3	97
172	Identification of rat pancreatic duct cells by their expression of cytokeratins 7, 19, and 20 in vivo and after isolation and culture Journal of Histochemistry and Cytochemistry, 1995, 43, 245-253.	2.5	57
173	Structure and dynamics of the fenestrae-associated cytoskeleton of rat liver sinusoidal endothelial cells*1. Hepatology, 1995, 21, 180-189.	7.3	13
174	Structure and dynamics of the fenestrae-associated cytoskeleton of rat liver sinusoidal endothelial cells. Hepatology, 1995, 21, 180-9.	7.3	93
175	Cell biology of liver endothelial and Kupffer cells Gut, 1994, 35, 1509-1516.	12.1	179
176	Assessment of a method of isolation, purification, and cultivation of rat liver sinusoidal endothelial cells. Laboratory Investigation, 1994, 70, 944-52.	3.7	45