

# Filip Braet

## List of Publications by Year in descending order

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175  
papers

8,851  
citations

61857

43  
h-index

53109

85  
g-index

185  
all docs

185  
docs citations

185  
times ranked

13127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fat causes necrosis and inflammation in parenchymal cells in human steatotic liver. <i>Histochemistry and Cell Biology</i> , 2022, 157, 27-38.	0.8	7
2	From Microenvironment Remediation to Novel Anti-Cancer Strategy: The Emergence of Zero Valent Iron Nanoparticles. <i>Pharmaceutics</i> , 2022, 14, 99.	2.0	3
3	KCa3.1 Mediates Dysregulation of Mitochondrial Quality Control in Diabetic Kidney Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 573814.	1.8	10
4	Three-dimensional ultrastructure of giant mitochondria in human non-alcoholic fatty liver disease. <i>Scientific Reports</i> , 2021, 11, 3319.	1.6	51
5	Three-dimensional reconstruction of leukocyte internalisation in the luminal uterine epithelium following mating. <i>Experimental Cell Research</i> , 2020, 386, 111727.	1.2	1
6	â€™Muscle supermanâ€™™ Cristobal Guillermo dos Remedios: five decades of endless energy. <i>Biophysical Reviews</i> , 2020, 12, 755-756.	1.5	1
7	Biophysical nanocharacterization of liver sinusoidal endothelial cells through atomic force microscopy. <i>Biophysical Reviews</i> , 2020, 12, 625-636.	1.5	12
8	Foreword to the special issue on zebrafish imaging: Emerging techniques and methodologies. <i>Micron</i> , 2020, 136, 102877.	1.1	0
9	Observation and characterisation of macrophages in zebrafish liver. <i>Micron</i> , 2020, 132, 102851.	1.1	7
10	Tracking Fenestrae Dynamics in Live Murine Liver Sinusoidal Endothelial Cells. <i>Hepatology</i> , 2019, 69, 876-888.	3.6	47
11	Actinâ€™spectrin scaffold supports open fenestrae in liver sinusoidal endothelial cells. <i>Traffic</i> , 2019, 20, 932-942.	1.3	24
12	Skeletal MyBP-C isoforms tune the molecular contractility of divergent skeletal muscle systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21882-21892.	3.3	31
13	Expedited large-volume 3-D SEM workflows for comparative microanatomical imaging. <i>Methods in Cell Biology</i> , 2019, 152, 23-39.	0.5	4
14	Albumin uptake and distribution in the zebrafish liver as observed via correlative imaging. <i>Experimental Cell Research</i> , 2019, 374, 162-171.	1.2	8
15	Cannabinoid-induced increase of quantal size and enhanced neuromuscular transmission. <i>Scientific Reports</i> , 2018, 8, 4685.	1.6	17
16	Foreword to the special issue on applications of atomic force microscopy in cell biology. <i>Seminars in Cell and Developmental Biology</i> , 2018, 73, 1-3.	2.3	7
17	Probing the unseen structure and function of liver cells through atomic force microscopy. <i>Seminars in Cell and Developmental Biology</i> , 2018, 73, 13-30.	2.3	27
18	Gentle palpating liver sinusoidal endothelial cells reveals the dynamic behavior and formation of fenestrae: A new window for biomedical research. <i>Hepatology</i> , 2018, 67, 2460-2461.	3.6	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. <i>Materials</i> , 2018, 11, 2572.	1.3	14
20	A-Band Titin Truncation in Zebrafish Causes Dilated Cardiomyopathy and Hemodynamic Stress Intolerance. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002135.	1.6	35
21	Silver Filler Pre-embedding to Enhance Resolution and Contrast in Multidimensional SEM: A Nanoscale Imaging Study on Liver Tissue. <i>Methods in Molecular Biology</i> , 2018, 1814, 561-576.	0.4	4
22	Relocation is the key to successful correlative fluorescence and scanning electron microscopy. <i>Methods in Cell Biology</i> , 2017, 140, 215-244.	0.5	5
23	Combined Multidimensional Microscopy as a Histopathology Imaging Tool. <i>Journal of Cellular Physiology</i> , 2017, 232, 249-256.	2.0	6
24	Dissecting the Cellular Behaviour of Colorectal Cancer via Multimodal Imaging and Correlative Microscopy. <i>Microscopy and Microanalysis</i> , 2017, 23, 344-345.	0.2	0
25	Polysialic Acid Regulates Sympathetic Outflow by Facilitating Information Transfer within the Nucleus of the Solitary Tract. <i>Journal of Neuroscience</i> , 2017, 37, 6558-6574.	1.7	8
26	Ultrastructural Mapping of the Zebrafish Gastrointestinal System as a Basis for Experimental Drug Studies. <i>BioMed Research International</i> , 2016, 2016, 1-13.	0.9	14
27	3-D EM exploration of the hepatic microarchitecture - lessons learned from large-volume in situ serial sectioning. <i>Scientific Reports</i> , 2016, 6, 36744.	1.6	14
28	Thioredoxin interacting protein (TXNIP) regulates tubular autophagy and mitophagy in diabetic nephropathy through the mTOR signaling pathway. <i>Scientific Reports</i> , 2016, 6, 29196.	1.6	106
29	KCa3.1 mediates dysfunction of tubular autophagy in diabetic kidneys via PI3k/Akt/mTOR signaling pathways. <i>Scientific Reports</i> , 2016, 6, 23884.	1.6	60
30	Sinusoidal obstruction syndrome (SOS): A light and electron microscopy study in human liver. <i>Micron</i> , 2016, 84, 17-22.	1.1	14
31	Novel Transarterial Biomimetic-Based Nanoparticles for the Treatment of Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2016, 150, 312-314.	0.6	4
32	Bring your paper into the "Fast Lane"™ of the editorial process and increase your changes for final acceptance in <i>Micron</i> , <i>The International Research and Review Journal for Microscopy</i> . <i>Micron</i> , 2015, 74, iv-v.	1.1	0
33	Dissolution and degradation of Fmoc-diphenylalanine self-assembled gels results in necrosis at high concentrations in vitro. <i>Biomaterials Science</i> , 2015, 3, 298-307.	2.6	70
34	Combining Wide-Field Super-Resolution Microscopy and Electron Tomography. <i>Methods in Cell Biology</i> , 2014, 124, 129-149.	0.5	3
35	Jet-fixation: A novel method to improve microscopy of human liver needle biopsies. <i>Hepatology</i> , 2014, 59, 737-739.	3.6	9
36	Thioredoxin-interacting protein mediates dysfunction of tubular autophagy in diabetic kidneys through inhibiting autophagic flux. <i>Laboratory Investigation</i> , 2014, 94, 309-320.	1.7	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. <i>Micron</i> , 2014, 67, 20-29.	1.1	5
38	Depressed Contractility at Low-Load Spontaneous Oscillatory Contractions in Human Hypertrophic Cardiomyopathy with MYBPC3 Mutations. <i>Biophysical Journal</i> , 2014, 106, 347a-348a.	0.2	0
39	Ethics issues. <i>Micron</i> , 2014, 61, iv.	1.1	0
40	Surface functionalization of carbon nanomaterials by self-assembling hydrophobin proteins. <i>Biopolymers</i> , 2013, 99, 84-94.	1.2	35
41	A New Functional Measure of Contractility in Human Cardiomyopathies. <i>Biophysical Journal</i> , 2013, 104, 37a.	0.2	0
42	Application of transmission electron tomography for modeling the renal corpuscle. <i>Pathology Research and Practice</i> , 2013, 209, 731-734.	1.0	2
43	A New Way to Examine the Function of Mutant MYBPC3 Expression in Cardiomyocytes of Mice. <i>Biophysical Journal</i> , 2013, 104, 309a.	0.2	1
44	A36-dependent Actin Filament Nucleation Promotes Release of Vaccinia Virus. <i>PLoS Pathogens</i> , 2013, 9, e1003239.	2.1	34
45	The anticancer properties of iron core&ndash;gold shell nanoparticles in colorectal cancer cells. <i>International Journal of Nanomedicine</i> , 2013, 8, 3321.	3.3	25
46	Macrophage depletion ameliorates kavalactone damage in the isolated perfused rat liver. <i>Journal of Toxicological Sciences</i> , 2012, 37, 447-453.	0.7	6
47	Heart of the Matter: Assessing Human Cardiomyopathies with Spontaneous Oscillatory Contractions (SPOC). <i>Biophysical Journal</i> , 2012, 102, 353a.	0.2	0
48	Imaging Fluorescently Labeled Complexes by Means of Multidimensional Correlative Light and Transmission Electron Microscopy. <i>Methods in Cell Biology</i> , 2012, 111, 1-20.	0.5	13
49	AFM imaging of fenestrated liver sinusoidal endothelial cells. <i>Micron</i> , 2012, 43, 1252-1258.	1.1	26
50	Foreword to the special issue on AFM in biology & bionanomedicine. <i>Micron</i> , 2012, 43, 1211.	1.1	1
51	The Biochemiresistor: An Ultrasensitive Biosensor for Small Organic Molecules. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6456-6459.	7.2	38
52	Correlative microscopy: Providing new understanding in the biomedical and plant sciences. <i>Micron</i> , 2012, 43, 565-582.	1.1	59
53	Induced polymersome formation from a diblock PS-b-PAA polymer via encapsulation of positively charged proteins and peptides. <i>Chemical Communications</i> , 2011, 47, 6314.	2.2	22
54	Self-Assembly of Gold Nanowires along Carbon Nanotubes for Ultrahigh-Aspect-Ratio Hybrids. <i>Chemistry of Materials</i> , 2011, 23, 2760-2765.	3.2	20

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55	Spontaneous Oscillatory Contraction (SPOC): Quantifying the Contractile Performance of Human Cardiomyocytes. <i>Biophysical Journal</i> , 2011, 100, 298a.	0.2	0
56	The structure and luminescence properties of europium(iii) triflate doped self-assembled pyromellitimide gels. <i>New Journal of Chemistry</i> , 2011, 35, 1466.	1.4	16
57	Imaging the dynamics of intracellular protein translocation by photoconversion of phamretâ€ybr/ROM. <i>Journal of Microscopy</i> , 2011, 242, 250-261.	0.8	0
58	An outbreak of granulomatous peritonitis caused by injectable selenium in a flock of Merino sheep. <i>Australian Veterinary Journal</i> , 2011, 89, 209-212.	0.5	2
59	P2. The therapeutic implications of FeAu nanoparticles in head and neck cancer chemotherapy and the molecular mechanism of selective anti-neoplastic efficacy. <i>Oral Oncology</i> , 2011, 47, S74.	0.8	0
60	Selfâ€Assembled Gels for Biomedical Applications. <i>Chemistry - an Asian Journal</i> , 2011, 6, 30-42.	1.7	107
61	Cancer-cell-specific cytotoxicity of non-oxidized iron elements in iron core-gold shell NPs. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 420-427.	1.7	66
62	SPontaneous Oscillatory Contraction (SPOC): auto-oscillations observed in striated muscle at partial activation. <i>Biophysical Reviews</i> , 2011, 3, 53-62.	1.5	10
63	Assessment and histological analysis of the IPRL technique for sequential in situ liver biopsy. <i>Comparative Hepatology</i> , 2011, 10, 7.	0.9	4
64	GM1 Expression in Caco-2 Cells: Characterisation of a Fundamental Passage-dependent Transformation of a Cell Line. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3751-3762.	1.6	17
65	Graphene and Related Materials in Electrochemical Sensing. <i>Electroanalysis</i> , 2011, 23, 803-826.	1.5	256
66	The selective growth inhibition of oral cancer by iron core-gold shell nanoparticles through mitochondria-mediated autophagy. <i>Biomaterials</i> , 2011, 32, 4565-4573.	5.7	145
67	Caveolae and caveolin-1 in reptilian liver. <i>Micron</i> , 2011, 42, 656-661.	1.1	3
68	Multifaceted nature of membrane microdomains in colorectal cancer. <i>World Journal of Gastroenterology</i> , 2011, 17, 681.	1.4	22
69	Toward Ubiquitous Environmental Gas Sensorsâ€Capitalizing on the Promise of Graphene. <i>Environmental Science &amp; Technology</i> , 2010, 44, 1167-1176.	4.6	266
70	Multi-dimensional correlative imaging of subcellular events: combining the strengths of light and electron microscopy. <i>Biophysical Reviews</i> , 2010, 2, 121-135.	1.5	26
71	Carbon Nanomaterials in Biosensors: Should You Use Nanotubes or Graphene?. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2114-2138.	7.2	1,301
72	Customising an antibody leukocyte capture microarray for systemic lupus erythematosus: Beyond biomarker discovery. <i>Proteomics - Clinical Applications</i> , 2010, 4, 179-189.	0.8	5

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73	Fixation methods for electron microscopy of human and other liver. <i>World Journal of Gastroenterology</i> , 2010, 16, 2851.	1.4	85
74	Atom Probe Microscopy of Self-Assembled Monolayers: Preliminary Results. <i>Langmuir</i> , 2010, 26, 5291-5294.	1.6	28
75	Synthesis, Characterization, and Multilayer Assembly of pH Sensitive Graphene~Polymer Nanocomposites. <i>Langmuir</i> , 2010, 26, 10068-10075.	1.6	204
76	Evaluation of the Microanatomy of the Liver via a Rapid Sample Preparation Protocol and a Table-Top Scanning Electron Microscope. <i>The Open Anatomy Journal</i> , 2010, 2, 98-101.	0.5	1
77	Unlocking the ultrastructure of colorectal cancer cells <i>in vitro</i> using selective staining. <i>World Journal of Gastroenterology</i> , 2010, 16, 2743.	1.4	19
78	Using Antibody Arrays to Detect Microparticles from Acute Coronary Syndrome Patients Based on Cluster of Differentiation (CD) Antigen Expression. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 799-804.	2.5	14
79	Glomerular endothelial cell fenestrations: an integral component of the glomerular filtration barrier. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F947-F956.	1.3	253
80	Foreword to the themed issue on correlative microscopy. <i>Journal of Microscopy</i> , 2009, 235, 239-240.	0.8	7
81	Correlative fluorescence and transmission electron microscopy: an elegant tool to study the actin cytoskeleton of whole-mount (breast) cancer cells. <i>Journal of Microscopy</i> , 2009, 235, 282-292.	0.8	9
82	Three-dimensional organization of fenestrae labyrinths in liver sinusoidal endothelial cells. <i>Liver International</i> , 2009, 29, 603-613.	1.9	39
83	Rac1, caveolin-1 and vascular endothelial growth factor mediated liver sinusoidal endothelial cell angiogenesis. <i>Liver International</i> , 2009, 29, 143-144.	1.9	7
84	Hepatic steatosis and congenital portosystemic shunts: a three-dimensional transmission electron microscopic view. <i>Liver International</i> , 2009, 29, 884-885.	1.9	0
85	In vitro studies of cells grown on the superconductor PrOxFeAs. <i>Micron</i> , 2009, 40, 476-479.	1.1	0
86	In situ polymerization of tropoelastin in the absence of chemical cross-linking. <i>Biomaterials</i> , 2009, 30, 431-435.	5.7	74
87	ELP3 localises to mitochondria and actin-rich domains at edges of HeLa cells. <i>Neuroscience Letters</i> , 2009, 455, 60-64.	1.0	14
88	Pyromellitimide Gelators: Exponential Rate of Aggregation, Hierarchical Assembly, and Their Viscoelastic Response to Anions. <i>Langmuir</i> , 2009, 25, 8586-8592.	1.6	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. <i>Australian Journal of Chemistry</i> , 2009, 62, 653.	0.5	8
90	Investigation of Self-assembled Monolayer by Atom Probe Microscopy. <i>Microscopy and Microanalysis</i> , 2009, 15, 272-273.	0.2	34

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91	Stable and unstable angina: Identifying novel markers on circulating leukocytes. <i>Proteomics - Clinical Applications</i> , 2008, 2, 90-98.	0.8	10
92	Monitoring membrane rafts in colorectal cancer cells by means of correlative fluorescence electron microscopy (CFEM). <i>Micron</i> , 2008, 39, 1393-1397.	1.1	9
93	Planar Microfluidic Chamber for Generation of Stable and Steep Chemoattractant Gradients. <i>Biophysical Journal</i> , 2008, 95, 1523-1530.	0.2	25
94	Defects in Tongue Papillae and Taste Sensation Indicate a Problem with Neurotrophic Support in Various Neurological Diseases. <i>Neuroscientist</i> , 2008, 14, 240-250.	2.6	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. <i>World Journal of Gastroenterology</i> , 2008, 14, 541.	1.4	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 $\beta$ -catenin and plakophilin-2 in the area composita, the mixed-type junctional structure of cardiac intercalated discs. <i>Journal of Cell Science</i> , 2007, 120, 2126-2136.	1.2	106
100	Di-(2-ethylhexyl)phthalate and Deep Venous Thrombosis in Children: A Clinical and Experimental Analysis. <i>Pediatrics</i> , 2007, 119, e742-e753.	1.0	6
101	Contribution of high-resolution correlative imaging techniques in the study of the liver sieve in three-dimensions. <i>Microscopy Research and Technique</i> , 2007, 70, 230-242.	1.2	97
102	Moving in the right directionâ€”Nanoimaging in cancer cell motility and metastasis. <i>Microscopy Research and Technique</i> , 2007, 70, 252-257.	1.2	25
103	Creating nextâ€”generation microscopists: structural and molecular biology at the crossroads. <i>Journal of Cellular and Molecular Medicine</i> , 2007, 11, 759-763.	1.6	9
104	Carbon nanotubes for biological and biomedical applications. <i>Nanotechnology</i> , 2007, 18, 412001.	1.3	522
105	The Functional Interrelationship between Gap Junctions and Fenestrae in Endothelial Cells of the Liver Organoid. <i>Journal of Membrane Biology</i> , 2007, 217, 115-121.	1.0	13
106	The hepatic sinusoidal endothelial lining and colorectal liver metastases. <i>World Journal of Gastroenterology</i> , 2007, 13, 821.	1.4	37
107	Tropoelastin Massively Associates during Coacervation To Form Quantized Protein Spheresâ€”. <i>Biochemistry</i> , 2006, 45, 9989-9996.	1.2	98
108	Detection of collagen by second harmonic microscopy as a diagnostic tool for liver fibrosis. , 2006, , .		3

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109	The visualization of hepatic vasculature by X-ray micro-computed tomography. <i>Journal of Electron Microscopy</i> , 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. <i>Australian Journal of Chemistry</i> , 2006, 59, 359.	0.5	9
111	Nanostructural analysis of starch components by atomic force microscopy. <i>Journal of Microscopy</i> , 2006, 224, 181-186.	0.8	25
112	Rapid chemokinetic movement and the invasive potential of lung cancer cells; a functional molecular study. <i>BMC Cancer</i> , 2006, 6, 151.	1.1	17
113	Mechanisms Directing the Nuclear Localization of the CtBP Family Proteins. <i>Molecular and Cellular Biology</i> , 2006, 26, 4882-4894.	1.1	62
114	Reconstruction of liver organoid using a bioreactor. <i>World Journal of Gastroenterology</i> , 2006, 12, 1881.	1.4	26
115	Hydrodynamics based transfection in normal and fibrotic rats. <i>World Journal of Gastroenterology</i> , 2006, 12, 6149.	1.4	21
116	Diaphragmed fenestrae in the glomerular endothelium versus nondiaphragmed fenestrae in the hepatic endothelium. <i>Kidney International</i> , 2005, 68, 1902.	2.6	6
117	The long-term culture of pig liver sinusoidal endothelial cells: The holy grail found. <i>European Journal of Cell Biology</i> , 2005, 84, 745-748.	1.6	3
118	Structural and functional aspects of the liver and liver sinusoidal cells in relation to colon carcinoma metastasis. <i>World Journal of Gastroenterology</i> , 2005, 11, 5095.	1.4	45
119	Imaging Surface and Submembranous Structures in Living Cells With the Atomic Force Microscope: Notes and Tricks. , 2004, 242, 201-216.		5
120	How molecular microscopy revealed new insights into the dynamics of hepatic endothelial fenestrae in the past decade. <i>Liver International</i> , 2004, 24, 532-539.	1.9	31
121	DiO-labeled CC531s colon carcinoma cells traverse the hepatic sinusoidal endothelium via the Fas/FasL pathway. <i>Journal of Gastrointestinal Surgery</i> , 2004, 8, 371-372.	0.9	6
122	The effect of cytochalasin B - Loaded liposomes on the ultrastructure of the liver sieve. <i>Comparative Hepatology</i> , 2004, 3, S27.	0.9	3
123	Study of the reappearance of sieve plate-like pores in immortalized sinusoidal endothelial cells - Effect of actin inhibitor in mixed perfusion cultures. <i>Comparative Hepatology</i> , 2004, 3, S28.	0.9	4
124	Cytotoxic reactions of CC531s towards liver sinusoidal endothelial cells: a microscopical study. <i>Comparative Hepatology</i> , 2004, 3, S49.	0.9	6
125	Confocal laser scanning microscopic study of the killing of metastatic colon carcinoma cells by Kupffer cells in the early onset of hepatic metastasis. <i>Comparative Hepatology</i> , 2004, 3, S50.	0.9	2
126	Pit cells exclusively kill P815 tumor cells by the perforin/granzyme pathway. <i>Comparative Hepatology</i> , 2004, 3, S58.	0.9	3



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127	Liver sinusoidal endothelial cell modulation upon resection and shear stress in vitro. <i>Comparative Hepatology</i> , 2004, 3, 7.	0.9	48
128	Interactions between rat colon carcinoma cells and Kupffer cells during the onset of hepatic metastasis. <i>International Journal of Cancer</i> , 2004, 112, 793-802.	2.3	57
129	Immuno-localization of Fas and FasL in rat hepatic endothelial cells: influence of different fixation protocols. <i>Micron</i> , 2004, 35, 303-306.	1.1	17
130	The suppressor of cytokine signaling (SOCS)-7 interacts with the actin cytoskeleton through vinexin. <i>Experimental Cell Research</i> , 2004, 298, 239-248.	1.2	28
131	Nitric oxide from rat liver sinusoidal endothelial cells induces apoptosis in IFN $\gamma$ -sensitized CC531s colon carcinoma cells. <i>Journal of Hepatology</i> , 2004, 41, 11-18.	1.8	10
132	Antimycin A-induced defenestration in rat hepatic sinusoidal endothelial cells. <i>Hepatology</i> , 2003, 38, 394-402.	3.6	40
133	CC531S-induced damage of the rat liver sinusoidal endothelial lining is mediated by the Fas/FasL pathway. <i>Hepatology</i> , 2003, 38, 1314-1314.	3.6	4
134	Thirty-five years of liver sinusoidal cells: Eddie wise in retirement. <i>Hepatology</i> , 2003, 38, 1056-1058.	3.6	3
135	CC531s colon carcinoma cells induce apoptosis in rat hepatic endothelial cells by the Fas/FasL-mediated pathway. <i>Liver International</i> , 2003, 23, 283-293.	1.9	19
136	The observation of intact hepatic endothelial cells by cryo-electron microscopy. <i>Journal of Microscopy</i> , 2003, 212, 175-185.	0.8	12
137	Hemodynamic forces modulate liver endothelial cell morphology and expression of VEGF receptors. <i>Journal of Hepatology</i> , 2003, 38, 85.	1.8	0
138	Thirty-five years of liver sinusoidal cells: Eddie Wisse in retirement. <i>Hepatology</i> , 2003, 38, 1056-1058.	3.6	3
139	VEGF-induced mobilization of caveolae and increase in permeability of endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 282, C1053-C1063.	2.1	97
140	Ageing of the liver sieve and pseudocapillarisation. <i>Lancet, The</i> , 2002, 360, 1171-1172.	6.3	6
141	Actin filament formation, reorganization and migration are impaired in hepatic stellate cells under influence of trichostatin A, a histone deacetylase inhibitor. <i>Journal of Hepatology</i> , 2002, 37, 788-796.	1.8	61
142	Tracing DiO-labelled tumour cells in liver sections by confocal laser scanning microscopy. <i>Journal of Microscopy</i> , 2002, 208, 65-74.	0.8	22
143	Structural and functional aspects of liver sinusoidal endothelial cell fenestrae: a review. , 2002, 1, 1.		591
144	The new anti-actin agent dihydrohalichondramide reveals fenestrae-forming centers in hepatic endothelial cells. <i>BMC Cell Biology</i> , 2002, 3, 7.	3.0	35

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145	The F-Actin Content of Multiple Myeloma Cells as a Measure of Their Migration. <i>Annals of the New York Academy of Sciences</i> , 2002, 973, 124-136.	1.8	19
146	Hepatic natural killer cells exclusively kill splenic/blood natural killer-resistant tumor cells by the perforin/granzyme pathway. <i>Journal of Leukocyte Biology</i> , 2002, 72, 668-76.	1.5	78
147	Early detection of cytotoxic events between hepatic natural killer cells and colon carcinoma cells as probed with the atomic force microscope. <i>Ultramicroscopy</i> , 2001, 89, 265-273.	0.8	27
148	A comparative atomic force microscopy study on living skin fibroblasts and liver endothelial cells. <i>Journal of Electron Microscopy</i> , 2001, 50, 283-290.	0.9	69
149	On the cell biology of pit cells, the liver-specific NK cells. <i>World Journal of Gastroenterology</i> , 2000, 6, 1.	1.4	29
150	Insulin-Like Growth Factor-1 Acts as a Chemoattractant Factor for 5T2 Multiple Myeloma Cells. <i>Blood</i> , 1999, 93, 235-241.	0.6	82
151	New anti-actin drugs in the study of the organization and function of the actin cytoskeleton. , 1999, 47, 18-37.		300
152	Endothelial Cells of the Hepatic Sinusoids: A Review. , 1999, , 17-53.		12
153	Insulin-Like Growth Factor-1 Acts as a Chemoattractant Factor for 5T2 Multiple Myeloma Cells. <i>Blood</i> , 1999, 93, 235-241.	0.6	2
154	Comparison of fixed and living liver endothelial cells by atomic force microscopy. <i>Applied Physics A: Materials Science and Processing</i> , 1998, 66, S575-S578.	1.1	113
155	Imaging surface and submembranous structures with the atomic force microscope: a study on living cancer cells, fibroblasts and macrophages. <i>Journal of Microscopy</i> , 1998, 190, 328-338.	0.8	86
156	A Newly Established Porcine Aortic Endothelial Cell Line: Characterization and Application to the Study of Human-to-Swine Graft Rejection. <i>Experimental Cell Research</i> , 1998, 238, 90-100.	1.2	15
157	A novel structure involved in the formation of liver endothelial cell fenestrae revealed by using the actin inhibitor misakinolide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13635-13640.	3.3	82
158	On the Function of Pit Cells, the Liver-Specific Natural Killer Cells. <i>Seminars in Liver Disease</i> , 1997, 17, 265-286.	1.8	65
159	Drying cells for SEM, AFM and TEM by hexamethyldisilazane: a study on hepatic endothelial cells. <i>Journal of Microscopy</i> , 1997, 186, 84-87.	0.8	280
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