

# Winnok H De Vos

## List of Publications by Year in descending order

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139  
papers

4,073  
citations

136950

32  
h-index

149698

56  
g-index

149  
all docs

149  
docs citations

149  
times ranked

6017  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transient nuclear lamin A/C accretion aids in recovery from vapor nanobubble-induced permeabilisation of the plasma membrane. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 23.	5.4	3
2	The cellular response to plasma membrane disruption for nanomaterial delivery. <i>Nano Convergence</i> , 2022, 9, 6.	12.1	10
3	Cellular senescence in neuroblastoma. <i>British Journal of Cancer</i> , 2022, 126, 1529-1538.	6.4	5
4	Morpho-functional comparison of differentiation protocols to create iPSC-derived cardiomyocytes. <i>Biology Open</i> , 2022, 11, .	1.2	3
5	Luminescent Human iPSC-Derived Neurospheroids Enable Modeling of Neurotoxicity After Oxygen-glucose Deprivation. <i>Neurotherapeutics</i> , 2022, 19, 550-569.	4.4	5
6	Fractionated irradiation of MCF7 breast cancer cells rewires a gene regulatory circuit towards a treatment-resistant stemness phenotype. <i>Molecular Oncology</i> , 2022, 16, 3410-3435.	4.6	2
7	Identification of healthspan-promoting genes in <i>Caenorhabditis elegans</i> based on a human GWAS study. <i>Biogerontology</i> , 2022, 23, 431-452.	3.9	3
8	Single cell epigenetic visualization assay. <i>Nucleic Acids Research</i> , 2021, 49, e43-e43.	14.5	6
9	Untargeted Metabolomics Reveals Elevated Carnitine Metabolism in Pig and Rat Colon Tissue Following Red Versus White Meat Intake. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000463.	3.3	6
10	Induced pluripotent stem cell-derived motor neurons of CMT type 2 patients reveal progressive mitochondrial dysfunction. <i>Brain</i> , 2021, 144, 2471-2485.	7.6	27
11	Auranofin reveals therapeutic anticancer potential by triggering distinct molecular cell death mechanisms and innate immunity in mutant p53 non-small cell lung cancer. <i>Redox Biology</i> , 2021, 42, 101949.	9.0	63
12	MYCN-induced nucleolar stress drives an early senescence-like transcriptional program in hTERT-immortalized RPE cells. <i>Scientific Reports</i> , 2021, 11, 14454.	3.3	6
13	Transferrins Reduce Replication of <i>Chlamydia suis</i> in McCoy Cells. <i>Pathogens</i> , 2021, 10, 858.	2.8	4
14	High-throughput Analysis of Synaptic Activity in Electrically Stimulated Neuronal Cultures. <i>Neuroinformatics</i> , 2021, 19, 737-750.	2.8	2
15	Comprehensive polar metabolomics and lipidomics profiling discriminates the transformed from the non-transformed state in colon tissue and cell lines. <i>Scientific Reports</i> , 2021, 11, 17249.	3.3	5
16	In Vivo Visualization and Quantification of in <i>C. elegans</i> . <i>Methods in Molecular Biology</i> , 2021, 2276, 397-407.	0.9	1
17	Photothermal nanofibres enable safe engineering of therapeutic cells. <i>Nature Nanotechnology</i> , 2021, 16, 1281-1291.	31.5	192
18	Maternal Benzophenone Exposure Impairs Hippocampus Development and Cognitive Function in Mouse Offspring. <i>Advanced Science</i> , 2021, 8, e2102686.	11.2	3

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19	Prediction of biological age by morphological staging of sarcopenia in <i>Caenorhabditis elegans</i> . DMM Disease Models and Mechanisms, 2021, 14, .	2.4	10
20	High-LET Carbon and Iron Ions Elicit a Prolonged and Amplified p53 Signaling and Inflammatory Response Compared to low-LET X-Rays in Human Peripheral Blood Mononuclear Cells. Frontiers in Oncology, 2021, 11, 768493.	2.8	7
21	Cell monolayers sense curvature by exploiting active mechanics and nuclear mechanoadaptation. Nature Physics, 2021, 17, 1382-1390.	16.7	54
22	Single-Cell and Neuronal Network Alterations in an In Vitro Model of Fragile X Syndrome. Cerebral Cortex, 2020, 30, 31-46.	2.9	8
23	Vapor nanobubble is the more reliable photothermal mechanism for inducing endosomal escape of siRNA without disturbing cell homeostasis. Journal of Controlled Release, 2020, 319, 262-275.	9.9	45
24	Systematic Quantification of Synapses in Primary Neuronal Culture. IScience, 2020, 23, 101542.	4.1	22
25	Progressive tau aggregation does not alter functional brain network connectivity in seeded hTau.P301L mice. Neurobiology of Disease, 2020, 143, 105011.	4.4	9
26	Confined no more: Viral mechanisms of nuclear entry and egress. International Journal of Biochemistry and Cell Biology, 2020, 129, 105875.	2.8	8
27	Chemogenetic silencing of neurons in the mouse anterior cingulate area modulates neuronal activity and functional connectivity. NeuroImage, 2020, 220, 117088.	4.2	32
28	Long-term live-cell microscopy with labeled nanobodies delivered by laser-induced photoporation. Nano Research, 2020, 13, 485-495.	10.4	14
29	Rosiglitazone Protects Endothelial Cells From Irradiation-Induced Mitochondrial Dysfunction. Frontiers in Pharmacology, 2020, 11, 268.	3.5	9
30	VNB-mediated endosomal escape triggers robust gene silencing in human cell lines. , 2020, , .		1
31	Effects of metformin on tumor hypoxia and radiotherapy efficacy: a [18F]HX4 PET imaging study in colorectal cancer xenografts. EJNMMI Research, 2019, 9, 74.	2.5	11
32	High-throughput microscopy exposes a pharmacological window in which dual leucine zipper kinase inhibition preserves neuronal network connectivity. Acta Neuropathologica Communications, 2019, 7, 93.	5.2	15
33	Synergetic effect of electrospun PCL fiber size, orientation and plasma-modified surface chemistry on stem cell behavior. Applied Surface Science, 2019, 485, 204-221.	6.1	46
34	Regional vulnerability and spreading of hyperphosphorylated tau in seeded mouse brain. Neurobiology of Disease, 2019, 127, 398-409.	4.4	30
35	Validated comprehensive metabolomics and lipidomics analysis of colon tissue and cell lines. Analytica Chimica Acta, 2019, 1066, 79-92.	5.4	23
36	Statins and Histone Deacetylase Inhibitors Affect Lamin A/C " Histone Deacetylase 2 Interaction in Human Cells. Frontiers in Cell and Developmental Biology, 2019, 7, 6.	3.7	23

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37	Hypersynchronicity in the default mode-like network in a neurodevelopmental animal model with relevance for schizophrenia. <i>Behavioural Brain Research</i> , 2019, 364, 303-316.	2.2	11
38	Comparative analysis reveals Ce3D as optimal clearing method for in toto imaging of the mouse intestine. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13560.	3.0	32
39	Combined Consumption of Beef-Based Cooked Mince and Sucrose Stimulates Oxidative Stress, Cardiac Hypertrophy, and Colonic Outgrowth of Desulfovibronaceae in Rats. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800962.	3.3	25
40	Gene expression-based biodosimetry for radiological incidents: assessment of dose and time after radiation exposure. <i>International Journal of Radiation Biology</i> , 2019, 95, 64-75.	1.8	34
41	Patients with a high proportion of immature and meiotically resistant oocytes experience defective nuclear oocyte maturation patterns and impaired pregnancy outcomes. <i>Reproductive BioMedicine Online</i> , 2018, 36, 396-407.	2.4	9
42	The Auxin-Regulated CrRLK1L Kinase ERULLUS Controls Cell Wall Composition during Root Hair Tip Growth. <i>Current Biology</i> , 2018, 28, 722-732.e6.	3.9	113
43	Oral microbiota reduce wound healing capacity of epithelial monolayers, irrespective of the presence of 5-fluorouracil. <i>Experimental Biology and Medicine</i> , 2018, 243, 350-360.	2.4	15
44	SliceMap: an algorithm for automated brain region annotation. <i>Bioinformatics</i> , 2018, 34, 718-720.	4.1	6
45	Quantitative analysis of hepatic macro- and microvascular alterations during cirrhogenesis in the rat. <i>Journal of Anatomy</i> , 2018, 232, 485-496.	1.5	17
46	Strontium fails to induce Ca <sup>2+</sup> release and activation in human oocytes despite the presence of functional TRPV3 channels. <i>Human Reproduction Open</i> , 2018, 2018, hoy005.	5.4	13
47	High-throughput fabrication of vascularized spheroids for bioprinting. <i>Biofabrication</i> , 2018, 10, 035009.	7.1	80
48	Bypassing Border Control: Nuclear Envelope Rupture in Disease. <i>Physiology</i> , 2018, 33, 39-49.	3.1	12
49	Selective Labeling of Individual Neurons in Dense Cultured Networks With Nanoparticle-Enhanced Photoporation. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 80.	3.7	23
50	Image-Based Profiling of Synaptic Connectivity in Primary Neuronal Cell Culture. <i>Frontiers in Neuroscience</i> , 2018, 12, 389.	2.8	30
51	Targeted Perturbation of Nuclear Envelope Integrity with Vapor Nanobubble-Mediated Photoporation. <i>ACS Nano</i> , 2018, 12, 7791-7802.	14.6	29
52	Loss of Nuclear Envelope Integrity in Aging and Disease. <i>International Review of Cell and Molecular Biology</i> , 2018, 336, 205-222.	3.2	38
53	Molecular biochemical characterization of selective glucocorticoid receptor activities of GSK866 analogues with cysteine reactive warheads. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-5-6.	0.0	0
54	Comparison of different clearing protocols for in toto three-dimensional microscopic imaging of the intestinal wall. <i>FASEB Journal</i> , 2018, 32, 642.2.	0.5	0

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55	Probing cytoskeletal pre-stress and nuclear mechanics in endothelial cells with spatiotemporally controlled (de-)adhesion kinetics on micropatterned substrates. <i>Cell Adhesion and Migration</i> , 2017, 11, 98-109.	2.7	9
56	Immune remodelling of stromal cell grafts in the central nervous system: therapeutic inflammation or (harmless) side-effect?. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2846-2852.	2.7	9
57	Untargeted metabolomics of colonic digests reveals kynurenine pathway metabolites, dityrosine and 3-dehydroxycarnitine as red versus white meat discriminating metabolites. <i>Scientific Reports</i> , 2017, 7, 42514.	3.3	71
58	Quantifying the growth of <i>Chlamydia suis</i> in cell culture using high-content microscopy. <i>Microscopy Research and Technique</i> , 2017, 80, 350-356.	2.2	9
59	A multilevel framework to reconstruct anatomical 3D models of the hepatic vasculature in rat livers. <i>Journal of Anatomy</i> , 2017, 230, 471-483.	1.5	20
60	Fast spatial-selective delivery into live cells. <i>Journal of Controlled Release</i> , 2017, 266, 198-204.	9.9	40
61	Cell response of flexible PMMA-derivatives: supremacy of surface chemistry over substrate stiffness. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 183.	3.6	0
62	Cellular Redox Profiling Using High-content Microscopy. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	4
63	Deregulation of focal adhesion formation and cytoskeletal tension due to loss of A-type lamins. <i>Cell Adhesion and Migration</i> , 2017, 11, 447-463.	2.7	23
64	Selective Glucocorticoid Receptor Properties of GSK866 Analogs with Cysteine Reactive Warheads. <i>Frontiers in Immunology</i> , 2017, 8, 1324.	4.8	10
65	Dysregulation of Microtubule Stability Impairs Morphofunctional Connectivity in Primary Neuronal Networks. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 173.	3.7	19
66	Accurate Detection of Dysmorphic Nuclei Using Dynamic Programming and Supervised Classification. <i>PLoS ONE</i> , 2017, 12, e0170688.	2.5	10
67	In silico synchronization reveals regulators of nuclear ruptures in lamin A/C deficient model cells. <i>Scientific Reports</i> , 2016, 6, 30325.	3.3	74
68	Radiation-induced alternative transcription and splicing events and their applicability to practical biodosimetry. <i>Scientific Reports</i> , 2016, 6, 19251.	3.3	47
69	Integrated High-Content Quantification of Intracellular ROS Levels and Mitochondrial Morphofunction. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2016, 219, 149-177.	1.6	12
70	Focus on Bio-Image Informatics. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2016, , .	1.6	13
71	Early pathologic amyloid induces hypersynchrony of BOLD resting-state networks in transgenic mice and provides an early therapeutic window before amyloid plaque deposition. <i>Alzheimer's and Dementia</i> , 2016, 12, 964-976.	0.8	76
72	Intracellular pH Response to Weak Acid Stress in Individual Vegetative <i>Bacillus subtilis</i> Cells. <i>Applied and Environmental Microbiology</i> , 2016, 82, 6463-6471.	3.1	14

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73	BiDiFuse: a Fiji plugin for fusing bi-directionally recorded microscopic image volumes. <i>Bioinformatics</i> , 2016, 32, 3691-3693.	4.1	2
74	Minimal processing of iceberg lettuce has no substantial influence on the survival, attachment and internalization of <i>E. coli</i> O157 and <i>Salmonella</i> . <i>International Journal of Food Microbiology</i> , 2016, 238, 40-49.	4.7	12
75	Sustained synchronized neuronal network activity in a human astrocyte co-culture system. <i>Scientific Reports</i> , 2016, 6, 36529.	3.3	120
76	Image Informatics Strategies for Deciphering Neuronal Network Connectivity. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2016, 219, 123-148.	1.6	5
77	Polydopamine-Gelatin as Universal Cell-Interactive Coating for Methacrylate-Based Medical Device Packaging Materials: When Surface Chemistry Overrides Substrate Bulk Properties. <i>Biomacromolecules</i> , 2016, 17, 56-68.	5.4	21
78	Reducing Compounds Equivocally Influence Oxidation during Digestion of a High-Fat Beef Product, which Promotes Cytotoxicity in Colorectal Carcinoma Cell Lines. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 1600-1609.	5.2	36
79	Analysis of Polymorphic Membrane Protein Expression in Cultured Cells Identifies PmpA and PmpH of <i>Chlamydia psittaci</i> as Candidate Factors in Pathogenesis and Immunity to Infection. <i>PLoS ONE</i> , 2016, 11, e0162392.	2.5	10
80	<i>Caenorhabditis elegans</i> as a Model System for Studying Drug Induced Mitochondrial Toxicity. <i>PLoS ONE</i> , 2015, 10, e0126220.	2.5	12
81	The Cytotoxicity of Elderberry Ribosome-Inactivating Proteins Is Not Solely Determined by Their Protein Translation Inhibition Activity. <i>PLoS ONE</i> , 2015, 10, e0132389.	2.5	9
82	Sustained accumulation of prelamin A and depletion of lamin A/C both cause oxidative stress and mitochondrial dysfunction but induce different cell fates. <i>Nucleus</i> , 2015, 6, 236-246.	2.2	63
83	Biopolymer-Based Structuring of Liquid Oil into Soft Solids and Oleogels Using Water-Continuous Emulsions as Templates. <i>Langmuir</i> , 2015, 31, 2065-2073.	3.5	156
84	Follicles of various maturation stages react differently to enzymatic isolation: a comparison of different isolation protocols. <i>Reproductive BioMedicine Online</i> , 2015, 30, 181-190.	2.4	23
85	Procaine Induces Cytokinesis in Horse Oocytes via a pH-Dependent Mechanism <sup>1</sup> . <i>Biology of Reproduction</i> , 2015, 93, 23.	2.7	24
86	Gold nanodome-patterned microchips for intracellular surface-enhanced Raman spectroscopy. <i>Analyst</i> , 2015, 140, 8080-8087.	3.5	19
87	Nanodome coins for intracellular surface-enhanced Raman spectroscopy. , 2015, , .		0
88	Inhibition of Transforming Growth Factor $\beta^2$ Signaling Promotes Epiblast Formation in Mouse Embryos. <i>Stem Cells and Development</i> , 2015, 24, 497-506.	2.1	8
89	In Vivo Visualization and Quantification of Mitochondrial Morphology in <i>C. elegans</i> . <i>Methods in Molecular Biology</i> , 2015, 1265, 367-377.	0.9	3
90	Chronic exposure to simulated space conditions predominantly affects cytoskeleton remodeling and oxidative stress response in mouse fetal fibroblasts. <i>International Journal of Molecular Medicine</i> , 2014, 34, 606-615.	4.0	35

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91	Invited Review Article: Advanced light microscopy for biological space research. <i>Review of Scientific Instruments</i> , 2014, 85, 101101.	1.3	24
92	Gums tuning the rheological properties of modified maize starch pastes: Differences between guar and xanthan. <i>Food Hydrocolloids</i> , 2014, 39, 85-94.	10.7	38
93	MorphoNeuroNet: An automated method for dense neurite network analysis. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 188-199.	1.5	33
94	Guar and xanthan gum differentially affect shear induced breakdown of native waxy maize starch. <i>Food Hydrocolloids</i> , 2014, 35, 546-556.	10.7	44
95	Sperm involved in recurrent partial hydatidiform moles cannot induce the normal pattern of calcium oscillations. <i>Fertility and Sterility</i> , 2014, 102, 581-588.e1.	1.0	20
96	Edible applications of shellac oleogels: spreads, chocolate paste and cakes. <i>Food and Function</i> , 2014, 5, 645-652.	4.6	204
97	In vivo interaction between the tobacco lectin and the core histone proteins. <i>Journal of Plant Physiology</i> , 2014, 171, 1149-1156.	3.5	22
98	Mitochondrial efficiency is increased in axenically cultured <i>Caenorhabditis elegans</i> . <i>Experimental Gerontology</i> , 2014, 56, 26-36.	2.8	14
99	Modulation of gene expression in endothelial cells in response to high LET nickel ion irradiation. <i>International Journal of Molecular Medicine</i> , 2014, 34, 1124-1132.	4.0	17
100	Shellac as a natural material to structure a liquid oil-based thermo reversible soft matter system. <i>RSC Advances</i> , 2013, 3, 5324.	3.6	83
101	Differential response to acute low dose radiation in primary and immortalized endothelial cells. <i>International Journal of Radiation Biology</i> , 2013, 89, 841-850.	1.8	36
102	Preparation and rheological characterization of shellac oleogels and oleogel-based emulsions. <i>Journal of Colloid and Interface Science</i> , 2013, 411, 114-121.	9.4	143
103	Cytoplasmic localization of PML particles in laminopathies. <i>Histochemistry and Cell Biology</i> , 2013, 139, 119-134.	1.7	24
104	Transcriptional analysis through RNA sequencing of giant cells induced by <i>Meloidogyne graminicola</i> in rice roots. <i>Journal of Experimental Botany</i> , 2013, 64, 3885-3898.	4.8	128
105	Simulated microgravity decreases apoptosis in fetal fibroblasts. <i>International Journal of Molecular Medicine</i> , 2012, 30, 309-313.	4.0	27
106	X-irradiation induces cell death in fetal fibroblasts. <i>International Journal of Molecular Medicine</i> , 2012, 30, 114-8.	4.0	4
107	The AMERE project: Enabling real-time detection of radiation effects in individual cells in deep space. <i>Planetary and Space Science</i> , 2012, 74, 84-96.	1.7	1
108	Time-resolved quantitative analysis of CCK1 receptor-induced intracellular calcium increase. <i>Peptides</i> , 2012, 34, 219-225.	2.4	10

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109	Screening of soy and milk protein hydrolysates for their ability to activate the CCK1 receptor. <i>Peptides</i> , 2012, 34, 226-231.	2.4	13
110	Mechanism of entomotoxicity of the plant lectin from <i>Hippeastrum hybrid (Amaryllis)</i> in <i>Spodoptera littoralis</i> larvae. <i>Journal of Insect Physiology</i> , 2012, 58, 1177-1183.	2.0	20
111	Lamins as mediators of oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 635-639.	2.1	53
112	Corrigendum to "Lamins as mediators of oxidative stress" [Biochem. Biophys. Res. Commun. 421 (2012) 635-639]. <i>Biochemical and Biophysical Research Communications</i> , 2012, 424, 201.	2.1	0
113	Measurement of S-phase duration of adult stem cells in the flatworm <i>Macrostomum lignano</i> by double replication labelling and quantitative colocalization analysis. <i>Cell Biology International</i> , 2012, 36, 1251-1259.	3.0	8
114	Microbial community of predatory bugs of the genus <i>Macrolophus</i> (Hemiptera: Miridae). <i>BMC Microbiology</i> , 2012, 12, S9.	3.3	29
115	Exploring real-time in vivo redox biology of developing and aging <i>Caenorhabditis elegans</i> . <i>Free Radical Biology and Medicine</i> , 2012, 52, 850-859.	2.9	113
116	Monitoring the intracellular pH of <i>Zygosaccharomyces bailii</i> by green fluorescent protein. <i>International Journal of Food Microbiology</i> , 2012, 156, 290-295.	4.7	11
117	Novel cellulose and polyamide halochromic textile sensors based on the encapsulation of Methyl Red into a sol-gel matrix. <i>Sensors and Actuators B: Chemical</i> , 2012, 162, 27-34.	7.8	81
118	Multiplexed profiling of secreted proteins for the detection of potential space biomarkers. <i>Molecular Medicine Reports</i> , 2011, 4, 17-23.	2.4	7
119	Interaction of the Tobacco Lectin with Histone Proteins. <i>Plant Physiology</i> , 2011, 155, 1091-1102.	4.8	47
120	Response to low-dose X-irradiation is p53-dependent in a papillary thyroid carcinoma model system. <i>International Journal of Oncology</i> , 2011, 39, 1429-41.	3.3	2
121	Repeated exposure of human fibroblasts to ionizing radiation reveals an adaptive response that is not mediated by interleukin-6 or TGF- $\beta$ 2. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 715, 19-24.	1.0	14
122	2D mapping of strongly deformable cell nuclei based on contour matching. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 580-588.	1.5	16
123	Internalization of <i>Sambucus nigra</i> agglutinins I and II in insect midgut cells. <i>Archives of Insect Biochemistry and Physiology</i> , 2011, 76, 211-222.	1.5	20
124	Repetitive disruptions of the nuclear envelope invoke temporary loss of cellular compartmentalization in laminopathies. <i>Human Molecular Genetics</i> , 2011, 20, 4175-4186.	2.9	250
125	High content image cytometry in the context of subnuclear organization. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 64-75.	1.5	42
126	Four-dimensional telomere analysis in recordings of living human cells acquired with Controlled Light Exposure Microscopy. <i>Journal of Microscopy</i> , 2010, 238, 254-264.	1.8	11



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127	Medium-mediated DNA repair response after ionizing radiation is correlated with the increase of specific cytokines in human fibroblasts. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 687, 40-48.	1.0	26
128	2D mapping of strongly deformed cell nuclei based on contour warping. , 2010, 2010, 4379-82.		0
129	Increased plasticity of the nuclear envelope and hypermobility of telomeres due to the loss of Aâ€‘type lamins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 448-458.	2.4	65
130	Different replication characteristics of historical pseudorabies virus strains in porcine respiratory nasal mucosa explants. <i>Veterinary Microbiology</i> , 2009, 136, 341-346.	1.9	33
131	High Content Image Cytometry. <i>Imaging &amp; Microscopy</i> , 2009, 11, 46-48.	0.1	0
132	Controlled light exposure microscopy reveals dynamic telomere microterritories throughout the cell cycle. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 428-439.	1.5	46
133	High Content Analysis of Human Fibroblast Cell Cultures after Exposure to Space Radiation. <i>Radiation Research</i> , 2009, 172, 423-436.	1.5	19
134	Two novel techniques to detect follicles in human ovarian cortical tissue. <i>Human Reproduction</i> , 2006, 21, 1720-1724.	0.9	14
135	Profilin-I-ligand interactions influence various aspects of neuronal differentiation. <i>Journal of Cell Science</i> , 2006, 119, 1570-1578.	2.0	33
136	Image informatics for studying the role of Alzheimerâ€™s disease-related toxic proteins on neuronal network connectivity in primary co-cultures.. <i>Frontiers in Neuroinformatics</i> , 0, 9, .	2.5	0
137	Accurate detection of dysmorphic nuclei in neuronal networks. <i>Frontiers in Neuroinformatics</i> , 0, 9, .	2.5	0
138	An in vitro toolbox to study synaptic connectivity in health and disease. <i>Frontiers in Neuroscience</i> , 0, 9, .	2.8	0
139	Cells infected with human papilloma pseudovirus display nuclear reorganization and heterogenous infection kinetics. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 0, , .	1.5	3