

Winnok H De Vos

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Edible applications of shellac oleogels: spreads, chocolate paste and cakes. <i>Food and Function</i> , 2014, 5, 645-652.	4.6	204
3	Photothermal nanofibres enable safe engineering of therapeutic cells. <i>Nature Nanotechnology</i> , 2021, 16, 1281-1291.	31.5	192
4	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
5	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
6	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
7	Sustained synchronized neuronal network activity in a human astrocyte co-culture system. <i>Scientific Reports</i> , 2016, 6, 36529.	3.3	120
8	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
9	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
10	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
11	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
12	High-throughput fabrication of vascularized spheroids for bioprinting. <i>Biofabrication</i> , 2018, 10, 035009.	7.1	80
13	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
14	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
15	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
16	Increased plasticity of the nuclear envelope and hypermobility of telomeres due to the loss of A-type lamins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 448-458.	2.4	65
17	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
18	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

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19	Cell monolayers sense curvature by exploiting active mechanics and nuclear mechanoadaptation. <i>Nature Physics</i> , 2021, 17, 1382-1390.	16.7	54
20	Lamins as mediators of oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 635-639.	2.1	53
21	Interaction of the Tobacco Lectin with Histone Proteins. <i>Plant Physiology</i> , 2011, 155, 1091-1102.	4.8	47
22	Radiation-induced alternative transcription and splicing events and their applicability to practical biodosimetry. <i>Scientific Reports</i> , 2016, 6, 19251.	3.3	47
23	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
24	Synergetic effect of electrospun PCL fiber size, orientation and plasma-modified surface chemistry on stem cell behavior. <i>Applied Surface Science</i> , 2019, 485, 204-221.	6.1	46
25	Vapor nanobubble is the more reliable photothermal mechanism for inducing endosomal escape of siRNA without disturbing cell homeostasis. <i>Journal of Controlled Release</i> , 2020, 319, 262-275.	9.9	45
26	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
27	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
28	Fast spatial-selective delivery into live cells. <i>Journal of Controlled Release</i> , 2017, 266, 198-204.	9.9	40
29	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
30	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
31	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
32	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
33	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
34	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
35	Profilin-I-ligand interactions influence various aspects of neuronal differentiation. <i>Journal of Cell Science</i> , 2006, 119, 1570-1578.	2.0	33
36	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

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37	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
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	Chemogenetic silencing of neurons in the mouse anterior cingulate area modulates neuronal activity and functional connectivity. <i>NeuroImage</i> , 2020, 220, 117088.	4.2	32
40	Image-Based Profiling of Synaptic Connectivity in Primary Neuronal Cell Culture. <i>Frontiers in Neuroscience</i> , 2018, 12, 389.	2.8	30
41	Regional vulnerability and spreading of hyperphosphorylated tau in seeded mouse brain. <i>Neurobiology of Disease</i> , 2019, 127, 398-409.	4.4	30
42	Microbial community of predatory bugs of the genus <i>Macrolophus</i> (Hemiptera: Miridae). <i>BMC Microbiology</i> , 2012, 12, S9.	3.3	29
43	Targeted Perturbation of Nuclear Envelope Integrity with Vapor Nanobubble-Mediated Photoporation. <i>ACS Nano</i> , 2018, 12, 7791-7802.	14.6	29
44	Simulated microgravity decreases apoptosis in fetal fibroblasts. <i>International Journal of Molecular Medicine</i> , 2012, 30, 309-313.	4.0	27
45	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
46	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
47	Combined Consumption of Beef-Based Cooked Mince and Sucrose Stimulates Oxidative Stress, Cardiac Hypertrophy, and Colonic Outgrowth of <i>Desulfovibrionaceae</i> in Rats. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800962.	3.3	25
48	Cytoplasmic localization of PML particles in laminopathies. <i>Histochemistry and Cell Biology</i> , 2013, 139, 119-134.	1.7	24
49	Invited Review Article: Advanced light microscopy for biological space research. <i>Review of Scientific Instruments</i> , 2014, 85, 101101.	1.3	24
50	Procaine Induces Cytokinesis in Horse Oocytes via a pH-Dependent Mechanism1. <i>Biology of Reproduction</i> , 2015, 93, 23.	2.7	24
51	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
52	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
53	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
54	Validated comprehensive metabolomics and lipidomics analysis of colon tissue and cell lines. <i>Analytica Chimica Acta</i> , 2019, 1066, 79-92.	5.4	23

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55	Statins and Histone Deacetylase Inhibitors Affect Lamin A/C and Histone Deacetylase 2 Interaction in Human Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 6.	3.7	23
56	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
57	Systematic Quantification of Synapses in Primary Neuronal Culture. <i>iScience</i> , 2020, 23, 101542.	4.1	22
58	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
59	Internalization of <i>Sambucus nigra</i> agglutinins I and II in insect midgut Caco-2 cells. <i>Archives of Insect Biochemistry and Physiology</i> , 2011, 76, 211-222.	1.5	20
60	Mechanism of entomotoxicity of the plant lectin from <i>Hippeastrum hybrid</i> (Amaryllis) in <i>Spodoptera littoralis</i> larvae. <i>Journal of Insect Physiology</i> , 2012, 58, 1177-1183.	2.0	20
61	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
62	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
63	High Content Analysis of Human Fibroblast Cell Cultures after Exposure to Space Radiation. <i>Radiation Research</i> , 2009, 172, 423-436.	1.5	19
64	Gold nanodome-patterned microchips for intracellular surface-enhanced Raman spectroscopy. <i>Analyst</i> , 2015, 140, 8080-8087.	3.5	19
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	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
67	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
68	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
69	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
70	High-throughput microscopy exposes a pharmacological window in which dual leucine zipper kinase inhibition preserves neuronal network connectivity. <i>Acta Neuropathologica Communications</i> , 2019, 7, 93.	5.2	15
71	Two novel techniques to detect follicles in human ovarian cortical tissue. <i>Human Reproduction</i> , 2006, 21, 1720-1724.	0.9	14
72	Repeated exposure of human fibroblasts to ionizing radiation reveals an adaptive response that is not mediated by interleukin-6 or TGF- β 2. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 715, 19-24.	1.0	14

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73	Mitochondrial efficiency is increased in axenically cultured <i>Caenorhabditis elegans</i> . <i>Experimental Gerontology</i> , 2014, 56, 26-36.	2.8	14
74	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
75	Long-term live-cell microscopy with labeled nanobodies delivered by laser-induced photoporation. <i>Nano Research</i> , 2020, 13, 485-495.	10.4	14
76	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
77	Focus on Bio-Image Informatics. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2016, , .	1.6	13
78	Strontium fails to induce Ca ²⁺ release and activation in human oocytes despite the presence of functional TRPV3 channels. <i>Human Reproduction Open</i> , 2018, 2018, hoy005.	5.4	13
79	<i>Caenorhabditis elegans</i> as a Model System for Studying Drug Induced Mitochondrial Toxicity. <i>PLoS ONE</i> , 2015, 10, e0126220.	2.5	12
80	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
81	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
82	Bypassing Border Control: Nuclear Envelope Rupture in Disease. <i>Physiology</i> , 2018, 33, 39-49.	3.1	12
83	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
84	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
85	Effects of metformin on tumor hypoxia and radiotherapy efficacy: a [18F]HX4 PET imaging study in colorectal cancer xenografts. <i>EJNMMI Research</i> , 2019, 9, 74.	2.5	11
86	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
87	Time-resolved quantitative analysis of CCK1 receptor-induced intracellular calcium increase. <i>Peptides</i> , 2012, 34, 219-225.	2.4	10
88	Selective Glucocorticoid Receptor Properties of GSK866 Analogs with Cysteine Reactive Warheads. <i>Frontiers in Immunology</i> , 2017, 8, 1324.	4.8	10
89	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
90	Accurate Detection of Dysmorphic Nuclei Using Dynamic Programming and Supervised Classification. <i>PLoS ONE</i> , 2017, 12, e0170688.	2.5	10

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91	Prediction of biological age by morphological staging of sarcopenia in <i>Caenorhabditis elegans</i> . DMM Disease Models and Mechanisms, 2021, 14, .	2.4	10
92	The cellular response to plasma membrane disruption for nanomaterial delivery. Nano Convergence, 2022, 9, 6.	12.1	10
93	The Cytotoxicity of Elderberry Ribosome-Inactivating Proteins Is Not Solely Determined by Their Protein Translation Inhibition Activity. PLoS ONE, 2015, 10, e0132389.	2.5	9
94	Probing cytoskeletal pre-stress and nuclear mechanics in endothelial cells with spatiotemporally controlled (de-)adhesion kinetics on micropatterned substrates. Cell Adhesion and Migration, 2017, 11, 98-109.	2.7	9
95	Immune remodelling of stromal cell grafts in the central nervous system: therapeutic inflammation or (harmless) side-effect?. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 2846-2852.	2.7	9
96	Quantifying the growth of <i>Chlamydia suis</i> in cell culture using high-content microscopy. Microscopy Research and Technique, 2017, 80, 350-356.	2.2	9
97	Patients with a high proportion of immature and meiotically resistant oocytes experience defective nuclear oocyte maturation patterns and impaired pregnancy outcomes. Reproductive BioMedicine Online, 2018, 36, 396-407.	2.4	9
98	Progressive tau aggregation does not alter functional brain network connectivity in seeded hTau.P301L mice. Neurobiology of Disease, 2020, 143, 105011.	4.4	9
99	Rosiglitazone Protects Endothelial Cells From Irradiation-Induced Mitochondrial Dysfunction. Frontiers in Pharmacology, 2020, 11, 268.	3.5	9
100	Measurement of S-phase duration of adult stem cells in the flatworm <i>Macrostomum lignano</i> by double replication labelling and quantitative colocalization analysis. Cell Biology International, 2012, 36, 1251-1259.	3.0	8
101	Inhibition of Transforming Growth Factor β^2 Signaling Promotes Epiblast Formation in Mouse Embryos. Stem Cells and Development, 2015, 24, 497-506.	2.1	8
102	Single-Cell and Neuronal Network Alterations in an In Vitro Model of Fragile X Syndrome. Cerebral Cortex, 2020, 30, 31-46.	2.9	8
103	Confined no more: Viral mechanisms of nuclear entry and egress. International Journal of Biochemistry and Cell Biology, 2020, 129, 105875.	2.8	8
104	Multiplexed profiling of secreted proteins for the detection of potential space biomarkers. Molecular Medicine Reports, 2011, 4, 17-23.	2.4	7
105	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
106	SliceMap: an algorithm for automated brain region annotation. Bioinformatics, 2018, 34, 718-720.	4.1	6
107	Single cell epigenetic visualization assay. Nucleic Acids Research, 2021, 49, e43-e43.	14.5	6
108	Untargeted Metabolomics Reveals Elevated L-Carnitine Metabolism in Pig and Rat Colon Tissue Following Red Versus White Meat Intake. Molecular Nutrition and Food Research, 2021, 65, e2000463.	3.3	6

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109	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
110	Image Informatics Strategies for Deciphering Neuronal Network Connectivity. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2016, 219, 123-148.	1.6	5
111	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
112	Cellular senescence in neuroblastoma. <i>British Journal of Cancer</i> , 2022, 126, 1529-1538.	6.4	5
113	Luminescent Human iPSC-Derived Neurospheroids Enable Modeling of Neurotoxicity After Oxygen-glucose Deprivation. <i>Neurotherapeutics</i> , 2022, 19, 550-569.	4.4	5
114	X-irradiation induces cell death in fetal fibroblasts. <i>International Journal of Molecular Medicine</i> , 2012, 30, 114-8.	4.0	4
115	Cellular Redox Profiling Using High-content Microscopy. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	4
116	Transferrins Reduce Replication of <i>Chlamydia suis</i> in McCoy Cells. <i>Pathogens</i> , 2021, 10, 858.	2.8	4
117	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
118	Maternal Benzophenone Exposure Impairs Hippocampus Development and Cognitive Function in Mouse Offspring. <i>Advanced Science</i> , 2021, 8, e2102686.	11.2	3
119	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
120	Morpho-functional comparison of differentiation protocols to create iPSC-derived cardiomyocytes. <i>Biology Open</i> , 2022, 11, .	1.2	3
121	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
122	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
123	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
124	BiDiFuse: a Fiji plugin for fusing bi-directionally recorded microscopic image volumes. <i>Bioinformatics</i> , 2016, 32, 3691-3693.	4.1	2
125	High-throughput Analysis of Synaptic Activity in Electrically Stimulated Neuronal Cultures. <i>Neuroinformatics</i> , 2021, 19, 737-750.	2.8	2
126	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

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127	The AMERE project: Enabling real-time detection of radiation effects in individual cells in deep space. Planetary and Space Science, 2012, 74, 84-96.	1.7	1
128	In Vivo Visualization and Quantification of in C. elegans. Methods in Molecular Biology, 2021, 2276, 397-407.	0.9	1
129	VNB-mediated endosomal escape triggers robust gene silencing in human cell lines. , 2020, , .		1
130	High Content Image Cytometry. Imaging & Microscopy, 2009, 11, 46-48.	0.1	0
131	2D mapping of strongly deformed cell nuclei based on contour warping. , 2010, 2010, 4379-82.		0
132	Corrigendum to "Lamins as mediators of oxidative stress" [Biochem. Biophys. Res. Commun. 421 (2012) 635-639]. Biochemical and Biophysical Research Communications, 2012, 424, 201.	2.1	0
133	Nanodome coins for intracellular surface-enhanced Raman spectroscopy. , 2015, , .		0
134	Cell response of flexible PMMA-derivatives: supremacy of surface chemistry over substrate stiffness. Journal of Materials Science: Materials in Medicine, 2017, 28, 183.	3.6	0
135	Image informatics for studying the role of Alzheimer's disease-related toxic proteins on neuronal network connectivity in primary co-cultures.. Frontiers in Neuroinformatics, 0, 9, .	2.5	0
136	Accurate detection of dysmorphic nuclei in neuronal networks. Frontiers in Neuroinformatics, 0, 9, .	2.5	0
137	An in vitro toolbox to study synaptic connectivity in health and disease. Frontiers in Neuroscience, 0, 9, .	2.8	0
138	Molecular biochemical characterization of selective glucocorticoid receptor activities of GSK866 analogues with cysteine reactive warheads. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-5-6.	0.0	0
139	Comparison of different clearing protocols for in toto three-dimensional microscopic imaging of the intestinal wall. FASEB Journal, 2018, 32, 642.2.	0.5	0