Jos L V Broers

List of Publications by Year
in descending order

43 papers	2,467 citations	257450 24 h-index	289244 40 g-index
43 all docs	43 docs citations	43 times ranked	3267 citing authors

#	Article	IF	Citations
1	Decreased mechanical stiffness in LMNAâˆ'/âˆ' cells is caused by defective nucleo-cytoskeletal integrity: implications for the development of laminopathies. Human Molecular Genetics, 2004, 13, 2567-2580.	2.9	316
2	Repetitive disruptions of the nuclear envelope invoke temporary loss of cellular compartmentalization in laminopathies. Human Molecular Genetics, 2011, 20, 4175-4186.	2.9	250
3	The inner nuclear membrane protein Emerin regulates Î²-catenin activity by restricting its accumulation in the nucleus. EMBO Journal, 2006, 25, 3275-3285.	7.8	214
4	Nucleoplasmic LAP2Î±â€"lamin A complexes are required to maintain a proliferative state in human fibroblasts. Journal of Cell Biology, 2007, 176, 163-172.	5.2	117
5	Effects of Ethanol and Acetaldehyde on Tight Junction Integrity: In Vitro Study in a Three Dimensional Intestinal Epithelial Cell Culture Model. PLoS ONE, 2012, 7, e35008.	2.5	106
6	Discrimination of DNA and RNA in cells by a vital fluorescent probe: Lifetime imaging of SYTO13 in healthy and apoptotic cells. Cytometry, 2002, 47, 226-235.	1.8	94
7	Principal Role of Glycoprotein VI in Î±2Î²1 and Î±IIbÎ²3 Activation During Collagen-Induced Thrombus Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1727-1733.	2.4	86
8	Compound heterozygosity for mutations in LMNA causes a progeria syndrome without prelamin A accumulation. Human Molecular Genetics, 2006, 15, 2509-2522.	2.9	83
9	Both lamin A and lamin C mutations cause lamina instability as well as loss of internal nuclear lamin organization. Experimental Cell Research, 2005, 304, 582-592.	2.6	80
10	The Rat Cytomegalovirus R33-Encoded G Protein-Coupled Receptor Signals in a Constitutive Fashion. Journal of Virology, 2002, 76, 1328-1338.	3.4	79
11	Heading in the Right Direction: Understanding Cellular Orientation Responses to Complex Biophysical Environments. Cellular and Molecular Bioengineering, 2016, 9, 12-37.	2.1	71
12	Partial cleavage of A-type lamins concurs with their total disintegration from the nuclear lamina during apoptosis. European Journal of Cell Biology, 2002, 81, 677-691.	3.6	66
13	Laminopathies. Journal of Pathology, 2004, 204, 478-488.	4.5	66
14	Birtâ€"Hoggâ€"DubÃ© syndrome is a novel ciliopathy. Human Molecular Genetics, 2013, 22, 4383-4397.	2.9	66
15	Dual roles of intermediate filaments in apoptosis. Experimental Cell Research, 2007, 313, 2265-2281.	2.6	65
16	Increased plasticity of the nuclear envelope and hypermobility of telomeres due to the loss of Aâ€"type lamins. Biochimica Et Biophysica Acta - General Subjects, 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. Nucleus, 2015, 6, 236-246.	2.2	63
18	Expression of c-myc in Progenitor Cells of the Bronchopulmonary Epithelium and in a Large Number of Non-Small Cell Lung Cancers. American Journal of Respiratory Cell and Molecular Biology, 1993, 9, 33-43.	2.9	58

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19	Soft substrates normalize nuclear morphology and prevent nuclear rupture in fibroblasts from a laminopathy patient with compound heterozygous LMNA mutations. Nucleus, 2013, 4, 61-73.	2.2	58
20	Reorganization of the nuclear lamina and cytoskeleton in adipogenesis. Histochemistry and Cell Biology, 2011, 135, 251-261.	1.7	56
21	The R439C mutation in LMNA causes lamin oligomerization and susceptibility to oxidative stress. Journal of Cellular and Molecular Medicine, 2009, 13, 959-971.	3.6	50
22	Detailed analysis of cell cycle kinetics upon proteasome inhibition. , 1997, 28, 243-252.		46
23	Overexpression of Vesicle-associated Membrane Protein (VAMP) 3, but Not VAMP2, Protects Glucose Transporter (GLUT) 4 Protein Translocation in an in Vitro Model of Cardiac Insulin Resistance. Journal of Biological Chemistry, 2012, 287, 37530-37539.	3.4	44
24	The Role of the Nuclear Lamina in Cancer and Apoptosis. Advances in Experimental Medicine and Biology, 2014, 773, 27-48.	1.6	40
25	Structural and Mechanical Aberrations of the Nuclear Lamina in Disease. Cells, 2020, 9, 1884.	4.1	31
26	Novel antigens characteristic of neuroendocrine malignancies. Cancer, 1991, 67, 619-633.	4.1	24
27	Cytoplasmic localization of PML particles in laminopathies. Histochemistry and Cell Biology, 2013, 139, 119-134.	1.7	24
28	Assessment of fibroblast nuclear morphology aids interpretation of LMNA variants. European Journal of Human Genetics, 2019, 27, 389-399.	2.8	22
29	Facilitating roles of murine platelet glycoprotein Ib and Î±IIbÎ²3 in phosphatidylserine exposure during vWF-collagen-induced thrombus formation. Journal of Physiology, 2004, 558, 403-415.	2.9	20
30	Absence of platelet-dependent fibrin formation in a patient with Scott syndrome. Thrombosis and Haemostasis, 2009, 102, 76-82.	3.4	19
31	A newly identified splice site mutation inZMPSTE24causes restrictive dermopathy in the Middle East. British Journal of Dermatology, 2008, 159, 961-967.	1.5	18
32	Cluster-10 lung-cancer antibodies recognize NSPs, novel neuro-endocrine proteins associated with membranes of the endoplasmic reticulum. International Journal of Cancer, 1994, 57, 84-88.	5.1	11
33	Cellular strain avoidance is mediated by a functional actin cap; observations in an LMNA-deficient cell model. Journal of Cell Science, 2017, 130, 779-790.	2.0	9
34	A rare missense mutation in GJB3 (Cx31G45E) is associated with a unique cellular phenotype resulting in necrotic cell death. Experimental Dermatology, 2019, 28, 1106-1113.	2.9	9
35	Differentiation markers for lung-cancer sub-types. A comparative study of their expressionin vivo andin vitro. International Journal of Cancer, 1994, 57, 134-137.	5.1	7
36	Multiplexed profiling of secreted proteins for the detection of potential space biomarkers. Molecular Medicine Reports, 2011, 4, 17-23.	2.4	7

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37	Super-Resolution Imaging of the A- and B-Type Lamin Networks: A Comparative Study of Different Fluorescence Labeling Procedures. International Journal of Molecular Sciences, 2021, 22, 10194.	4.1	7
38	The 180 splice variant of NCAMâ€"containing exon 18â€"is specifically expressed in small cell lung cancer cells. Translational Lung Cancer Research, 2018, 7, 376-388.	2.8	5
39	Fluorescent labelling of membrane fatty acid transporter CD36 (SR-B2) in the extracellular loop. PLoS ONE, 2019, 14, e0210704.	2.5	5
40	The Role of Lamins in the Nucleoplasmic Reticulum, a Pleiomorphic Organelle That Enhances Nucleo-Cytoplasmic Interplay. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	5
41	Dynamics of nuclear lamina assembly and disassembly. Symposia of the Society for Experimental Biology, 2004, , 177-92.	0.0	3
42	Detailed analysis of cell cycle kinetics upon proteasome inhibition. Cytometry, 1997, 28, 243-252.	1.8	2
43	The effects of standing in tutorial group meetings on learning: A randomized controlled trial. Trends in Neuroscience and Education, 2021, 24, 100156.	3.1	0