BalÃ¡zs Enyedi

List of Publications by Year
in descending order

27 papers	1,351 citations	471509 17 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	2399 citing authors

#	Article	IF	Citations
1	Redox Nanodomains Are Induced by and Control Calcium Signaling at the ER-Mitochondrial Interface. Molecular Cell, 2016, 63, 240-248.	9.7	228
2	The Cell Nucleus Serves as a Mechanotransducer of Tissue Damage-Induced Inflammation. Cell, 2016, 165, 1160-1170.	28.9	170
3	Redox State of the Endoplasmic Reticulum Is Controlled by Ero1L-alpha and Intraluminal Calcium. Antioxidants and Redox Signaling, 2010, 13, 721-729.	5.4	123
4	Hyperspectral Microscopy of Near-Infrared Fluorescence Enables 17-Chirality Carbon Nanotube Imaging. Scientific Reports, 2015, 5, 14167.	3.3	114
5	Tissue damage detection by osmotic surveillance. Nature Cell Biology, 2013, 15, 1123-1130.	10.3	90
6	Urothelial cells produce hydrogen peroxide through the activation of Duox1. Free Radical Biology and Medicine, 2010, 49, 2040-2048.	2.9	78
7	Osmotic surveillance mediates rapid wound closure through nucleotide release. Journal of Cell Biology, 2014, 207, 767-782.	5.2	69
8	Mechanisms of epithelial wound detection. Trends in Cell Biology, 2015, 25, 398-407.	7.9	68
9	Spatial and Temporal Analysis of NADPH Oxidase-Generated Hydrogen Peroxide Signals by Novel Fluorescent Reporter Proteins. Antioxidants and Redox Signaling, 2013, 19, 523-534.	5.4	57
10	The Effect of OPA1 on Mitochondrial Ca2+ Signaling. PLoS ONE, 2011, 6, e25199.	2.5	51
11	Nuclear membrane stretch and its role in mechanotransduction. Nucleus, 2017, 8, 156-161.	2.2	41
12	Interferon-Î³ receptor 1 promoter polymorphisms: population distribution and functional implications. Clinical Immunology, 2004, 112, 113-119.	3.2	39
13	Neonatal severe hyperparathyroidism associated with a novel de novo heterozygous R551K inactivating mutation and a heterozygous A986S polymorphism of the calcium-sensing receptor gene. Clinical Endocrinology, 2007, 67, 385-392.	2.4	28
14	Interaction between p22phox and Nox4 in the endoplasmic reticulum suggests a unique mechanism of NADPH oxidase complex formation. Free Radical Biology and Medicine, 2018, 116, 41-49.	2.9	28
15	H2O2. Methods in Enzymology, 2013, 528, 237-255.	1.0	26
16	Image-Based Measurement of H 2 O 2 Reaction-Diffusion in Wounded Zebrafish Larvae. Biophysical Journal, 2017, 112, 2011-2018.	0.5	26
17	Composition of the redox environment of the endoplasmic reticulum and sources of hydrogen peroxide. Free Radical Biology and Medicine, 2015, 83, 331-340.	2.9	23
18	A Case for the Nuclear Membrane as a Mechanotransducer. Cellular and Molecular Bioengineering, 2016, 9, 247-251.	2.1	18

#	Article	IF	Citations
19	Peroxidasin-mediated crosslinking of collagen IV is independent of NADPH oxidases. Redox Biology, 2018, 16, 314-321.	9.0	18
20	Live imaging of leukocyte recruitment in a zebrafish model of chemical liver injury. Scientific Reports, 2019, 9, 28.	3.3	16
21	Cortactin is required for integrin-mediated cell spreading. Immunology Letters, 2006, 104, 124-130.	2.5	13
22	A Photo-clickable ATP-Mimetic Reveals Nucleotide Interactors in the Membrane Proteome. Cell Chemical Biology, 2020, 27, 1073-1083.e12.	5.2	13
23	Inducible phosphorylation of cortactin is not necessary for cortactin-mediated actin polymerisation. Cellular Signalling, 2006, 18, 830-840.	3.6	11
24	Optimization of the Heterologous Expression of the Cannabinoid Type-1 (CB1) Receptor. Frontiers in Endocrinology, 2021, 12, 740913.	3.5	2
25	Quantitative Imaging of Endogenous and Exogenous H2O2 Gradients in Live Zebrafish Larvae. Methods in Molecular Biology, 2019, 1982, 283-299.	0.9	1
26	Osmotic surveillance mediates rapid wound closure through nucleotide release. Journal of General Physiology, 2015, 145, 1451OIA60.	1.9	0
27	Imaging Intracellular H2O2 with the Genetically Encoded PerFRET and OxyFRET Probes. Methods in Molecular Biology, 2019, 1982, 275-282.	0.9	0