Linda S Musil

List of Publications by Year
in descending order

27 papers	2,136 citations	394421 19 h-index	580821 25 g-index
27 all docs	27 docs citations	27 times ranked	1366 citing authors

#	Article	IF	Citations
1	Multisubunit assembly of an integral plasma membrane channel protein, gap junction connexin43, occurs after exit from the ER. Cell, 1993, 74, 1065-1077.	28.9	468
2	Expression of the gap junction protein connexin43 in embryonic chick lens: Molecular cloning, ultrastructural localization, and post-translational phosphorylation. Journal of Membrane Biology, 1990, 116, 163-175.	2.1	334
3	Intracellular Transport, Assembly, and Degradation of Wild-Type and Disease-linked Mutant Gap Junction Proteins. Molecular Biology of the Cell, 2000, 11, 1933-1946.	2.1	196
4	Regulation of Connexin Degradation as a Mechanism to Increase Gap Junction Assembly and Function. Journal of Biological Chemistry, 2000, 275, 25207-25215.	3.4	196
5	Dislocation and degradation from the ER are regulated by cytosolic stress. Journal of Cell Biology, 2002, 157, 381-394.	5.2	119
6	FGF Signaling in Chick Lens Development. Developmental Biology, 2001, 233, 394-411.	2.0	111
7	A novel role for FGF and extracellular signalâ€“regulated kinase in gap junctionâ€“mediated intercellular communication in the lens. Journal of Cell Biology, 2001, 154, 197-216.	5.2	76
8	Cytosolic Stress Reduces Degradation of Connexin43 Internalized from the Cell Surface and Enhances Gap Junction Formation and Function. Molecular Biology of the Cell, 2005, 16, 5247-5257.	2.1	73
9	Regulation of Ubiquitin-Proteasome Systemâ€“mediated Degradation by Cytosolic Stress. Molecular Biology of the Cell, 2007, 18, 4279-4291.	2.1	70
10	Analysis of Connexin Intracellular Transport and Assembly. Methods, 2000, 20, 156-164.	3.8	64
11	Normal Differentiation of Cultured Lens Cells after Inhibition of Gap Junction-Mediated Intercellular Communication. Developmental Biology, 1998, 204, 80-96.	2.0	58
12	Essential role of BMPs in FGF-induced secondary lens fiber differentiation. Developmental Biology, 2008, 324, 202-212.	2.0	55
13	Cross-Talk between Fibroblast Growth Factor and Bone Morphogenetic Proteins Regulates Gap Junction-mediated Intercellular Communication in Lens Cells. Molecular Biology of the Cell, 2008, 19, 2631-2641.	2.1	41
14	Regulation of c-Maf and Î±A-Crystallin in Ocular Lens by Fibroblast Growth Factor Signaling. Journal of Biological Chemistry, 2016, 291, 3947-3958.	3.4	39
15	Dual function of TGFÎ² in lens epithelial cell fate: implications for secondary cataract. Molecular Biology of the Cell, 2017, 28, 907-921.	2.1	39
16	Upregulation and maintenance of gap junctional communication in lens cells. Experimental Eye Research, 2009, 88, 919-927.	2.6	27
17	Conformational Maturation and Post-ER Multisubunit Assembly of Gap Junction Proteins. Molecular Biology of the Cell, 2009, 20, 2451-2463.	2.1	26
18	Gap junctions and tissue business: problems and strategies for developing specific functional reagents. Journal of Cell Science, 1993, 1993, 133-138.	2.0	23

#	Article	IF	Citations
19	Synergistic interaction between the fibroblast growth factor and bone morphogenetic protein signaling pathways in lens cells. Molecular Biology of the Cell, 2015, 26, 2561-2572.	2.1	23
20	Primary Cultures of Embryonic Chick Lens Cells as a Model System to Study Lens Gap Junctions and Fiber Cell Differentiation. Journal of Membrane Biology, 2012, 245, 357-368.	2.1	20
21	Fibronectin regulates growth factor signaling and lens cell differentiation. Journal of Cell Science, 2018, 131, .	2.0	20
22	Regulation of Lens Gap Junctions by Transforming Growth Factor Beta. Molecular Biology of the Cell, 2010, 21, 1686-1697.	2.1	17
23	LMTK3 is essential for oncogenic KIT expression in KIT-mutant GIST and melanoma. Oncogene, 2019, 38, 1200-1210.	5.9	16
24	Identification of Novel Gata3 Distal Enhancers Active in Mouse Embryonic Lens. Developmental Dynamics, 2018, 247, 1186-1198.	1.8	10
25	Biogenesis and Degradation of Gap Junctions. , 2009, , 225-240.		8
26	Degradation of Connexins from the Plasma Membrane Is Regulated by Inhibitors of Protein Synthesis. Cell Communication and Adhesion, 2003, 10, 329-333.	1.0	7
27	Correlative Confocal and Electron Microscopy of the Connexin43 Gap Junction Protein in NRK Cells: Balancing Fixation Conditions, Cell Permeabilization, Antigen-Antibody Interaction and Cell Ultrastructure.. Microscopy and Microanalysis, 1998, 4, 450-451.	0.4	0