

# Linda S Musil

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | LMTK3 is essential for oncogenic KIT expression in KIT-mutant GIST and melanoma. <i>Oncogene</i> , 2019, 38, 1200-1210.                                                                                            | 5.9 | 16        |
| 2  | Fibronectin regulates growth factor signaling and lens cell differentiation. <i>Journal of Cell Science</i> , 2018, 131, .                                                                                         | 2.0 | 20        |
| 3  | Identification of Novel Gata3 Distal Enhancers Active in Mouse Embryonic Lens. <i>Developmental Dynamics</i> , 2018, 247, 1186-1198.                                                                               | 1.8 | 10        |
| 4  | Dual function of TGF $\beta$ 2 in lens epithelial cell fate: implications for secondary cataract. <i>Molecular Biology of the Cell</i> , 2017, 28, 907-921.                                                        | 2.1 | 39        |
| 5  | Regulation of c-Maf and $\alpha$ -Crystallin in Ocular Lens by Fibroblast Growth Factor Signaling. <i>Journal of Biological Chemistry</i> , 2016, 291, 3947-3958.                                                  | 3.4 | 39        |
| 6  | Synergistic interaction between the fibroblast growth factor and bone morphogenetic protein signaling pathways in lens cells. <i>Molecular Biology of the Cell</i> , 2015, 26, 2561-2572.                          | 2.1 | 23        |
| 7  | Primary Cultures of Embryonic Chick Lens Cells as a Model System to Study Lens Gap Junctions and Fiber Cell Differentiation. <i>Journal of Membrane Biology</i> , 2012, 245, 357-368.                              | 2.1 | 20        |
| 8  | Regulation of Lens Gap Junctions by Transforming Growth Factor Beta. <i>Molecular Biology of the Cell</i> , 2010, 21, 1686-1697.                                                                                   | 2.1 | 17        |
| 9  | Conformational Maturation and Post-ER Multisubunit Assembly of Gap Junction Proteins. <i>Molecular Biology of the Cell</i> , 2009, 20, 2451-2463.                                                                  | 2.1 | 26        |
| 10 | Biogenesis and Degradation of Gap Junctions. , 2009, , 225-240.                                                                                                                                                    |     | 8         |
| 11 | Upregulation and maintenance of gap junctional communication in lens cells. <i>Experimental Eye Research</i> , 2009, 88, 919-927.                                                                                  | 2.6 | 27        |
| 12 | Essential role of BMPs in FGF-induced secondary lens fiber differentiation. <i>Developmental Biology</i> , 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. <i>Molecular Biology of the Cell</i> , 2008, 19, 2631-2641. | 2.1 | 41        |
| 14 | Regulation of Ubiquitin-Proteasome System-mediated Degradation by Cytosolic Stress. <i>Molecular Biology of the Cell</i> , 2007, 18, 4279-4291.                                                                    | 2.1 | 70        |
| 15 | Cytosolic Stress Reduces Degradation of Connexin43 Internalized from the Cell Surface and Enhances Gap Junction Formation and Function. <i>Molecular Biology of the Cell</i> , 2005, 16, 5247-5257.                | 2.1 | 73        |
| 16 | Degradation of Connexins from the Plasma Membrane Is Regulated by Inhibitors of Protein Synthesis. <i>Cell Communication and Adhesion</i> , 2003, 10, 329-333.                                                     | 1.0 | 7         |
| 17 | Dislocation and degradation from the ER are regulated by cytosolic stress. <i>Journal of Cell Biology</i> , 2002, 157, 381-394.                                                                                    | 5.2 | 119       |
| 18 | FGF Signaling in Chick Lens Development. <i>Developmental Biology</i> , 2001, 233, 394-411.                                                                                                                        | 2.0 | 111       |

| #  | ARTICLE                                                                                                                                                                                                                                                                | IF   | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | A novel role for FGF and extracellular signalâ€‘regulated kinase in gap junctionâ€‘mediated intercellular communication in the lens. <i>Journal of Cell Biology</i> , 2001, 154, 197-216.                                                                              | 5.2  | 76        |
| 20 | Intracellular Transport, Assembly, and Degradation of Wild-Type and Disease-linked Mutant Gap Junction Proteins. <i>Molecular Biology of the Cell</i> , 2000, 11, 1933-1946.                                                                                           | 2.1  | 196       |
| 21 | Regulation of Connexin Degradation as a Mechanism to Increase Gap Junction Assembly and Function. <i>Journal of Biological Chemistry</i> , 2000, 275, 25207-25215.                                                                                                     | 3.4  | 196       |
| 22 | Analysis of Connexin Intracellular Transport and Assembly. <i>Methods</i> , 2000, 20, 156-164.                                                                                                                                                                         | 3.8  | 64        |
| 23 | Normal Differentiation of Cultured Lens Cells after Inhibition of Gap Junction-Mediated Intercellular Communication. <i>Developmental Biology</i> , 1998, 204, 80-96.                                                                                                  | 2.0  | 58        |
| 24 | 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.. <i>Microscopy and Microanalysis</i> , 1998, 4, 450-451. | 0.4  | 0         |
| 25 | Multisubunit assembly of an integral plasma membrane channel protein, gap junction connexin43, occurs after exit from the ER. <i>Cell</i> , 1993, 74, 1065-1077.                                                                                                       | 28.9 | 468       |
| 26 | Gap junctions and tissue business: problems and strategies for developing specific functional reagents. <i>Journal of Cell Science</i> , 1993, 1993, 133-138.                                                                                                          | 2.0  | 23        |
| 27 | Expression of the gap junction protein connexin43 in embryonic chick lens: Molecular cloning, ultrastructural localization, and post-translational phosphorylation. <i>Journal of Membrane Biology</i> , 1990, 116, 163-175.                                           | 2.1  | 334       |