

# A Sue Menko

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61  
papers

5,450  
citations

26  
h-index

61  
g-index

61  
ext. papers

6,250  
ext. citations

4.1  
avg, IF

4.81  
L-index

#	Paper	IF	Citations
61	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
60	Lens epithelial cell differentiation. <i>Experimental Eye Research</i> , <b>2002</b> , 75, 485-90	3.7	92
59	Autophagy and mitophagy participate in ocular lens organelle degradation. <i>Experimental Eye Research</i> , <b>2013</b> , 116, 141-50	3.7	85
58	The canonical intrinsic mitochondrial death pathway has a non-apoptotic role in signaling lens cell differentiation. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 22135-45	5.4	84
57	Suppression of MAPK/JNK-MTORC1 signaling leads to premature loss of organelles and nuclei by autophagy during terminal differentiation of lens fiber cells. <i>Autophagy</i> , <b>2014</b> , 10, 1193-211	10.2	75
56	Diverse roles of E-cadherin in the morphogenesis of the submandibular gland: insights into the formation of acinar and ductal structures. <i>Developmental Dynamics</i> , <b>2008</b> , 237, 3128-41	2.9	74
55	Role for alpha 6 integrin during lens development: Evidence for signaling through IGF-1R and ERK. <i>Developmental Dynamics</i> , <b>2002</b> , 223, 273-84	2.9	67
54	Overexpression of DPAGT1 leads to aberrant N-glycosylation of E-cadherin and cellular dis-cohesion in oral cancer. <i>Cancer Research</i> , <b>2009</b> , 69, 5673-80	10.1	63
53	Loss of alpha3beta1 integrin function results in an altered differentiation program in the mouse submandibular gland. <i>Developmental Dynamics</i> , <b>2001</b> , 220, 337-49	2.9	62
52	Activation of SRC kinases signals induction of posterior capsule opacification. <i>Investigative Ophthalmology and Visual Science</i> , <b>2007</b> , 48, 2214-23		57
51	Integrins in lens development and disease. <i>Experimental Eye Research</i> , <b>2009</b> , 88, 216-25	3.7	55
50	Actin filament organization regulates the induction of lens cell differentiation and survival. <i>Developmental Biology</i> , <b>2006</b> , 295, 714-29	3.1	53
49	Transition between proliferation and differentiation for lens epithelial cells is regulated by Src family kinases. <i>Developmental Dynamics</i> , <b>2002</b> , 224, 361-72	2.9	53
48	Mechanism of small heat shock protein function in vivo: a knock-in mouse model demonstrates that the R49C mutation in alpha A-crystallin enhances protein insolubility and cell death. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 5801-14	5.4	44
47	A signaling role for the uncleaved form of alpha 6 integrin in differentiating lens fiber cells. <i>Developmental Biology</i> , <b>2002</b> , 251, 195-205	3.1	41
46	The Hippo signaling pathway is required for salivary gland development and its dysregulation is associated with Sjogren's syndrome. <i>Laboratory Investigation</i> , <b>2013</b> , 93, 1203-18	5.9	38
45	Neuroadaptive responses in brainstem noradrenergic nuclei following chronic morphine exposure. <i>Molecular Neurobiology</i> , <b>2001</b> , 23, 155-71	6.2	38

44	Identification of a novel intermediate filament-linked N-cadherin/gamma-catenin complex involved in the establishment of the cytoarchitecture of differentiated lens fiber cells. <i>Developmental Biology</i> , <b>2008</b> , 319, 298-308	3.1	36
43	Unique precursors for the mesenchymal cells involved in injury response and fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 13730-5	11.5	35
42	BNIP3L/NIX is required for elimination of mitochondria, endoplasmic reticulum and Golgi apparatus during eye lens organelle-free zone formation. <i>Experimental Eye Research</i> , <b>2018</b> , 174, 173-184	3.7	34
41	Expression of schwannomin in lens and Schwann cells. <i>NeuroReport</i> , <b>1997</b> , 8, 2025-30	1.7	33
40	Phosphatidylinositol 3-kinase is necessary for lens fiber cell differentiation and survival. <i>Investigative Ophthalmology and Visual Science</i> , <b>2006</b> , 47, 4490-9		33
39	Insulin-like growth factor receptor-1 and nuclear factor B are crucial survival signals that regulate caspase-3-mediated lens epithelial cell differentiation initiation. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 8384-97	5.4	32
38	Regulation of cadherin junctions during mouse submandibular gland development. <i>Developmental Dynamics</i> , <b>2002</b> , 224, 321-33	2.9	32
37	Modulation of N-cadherin junctions and their role as epicenters of differentiation-specific actin regulation in the developing lens. <i>Developmental Biology</i> , <b>2011</b> , 349, 363-77	3.1	31
36	Differentiation state-specific mitochondrial dynamic regulatory networks are revealed by global transcriptional analysis of the developing chicken lens. <i>G3: Genes, Genomes, Genetics</i> , <b>2014</b> , 4, 1515-27	3.2	30
35	N-cadherin regulates signaling mechanisms required for lens fiber cell elongation and lens morphogenesis. <i>Developmental Biology</i> , <b>2017</b> , 428, 118-134	3.1	25
34	Evaluation of integrin molecules involved in substrate adhesion. <i>Cell Adhesion and Communication</i> , <b>1993</b> , 1, 191-202		22
33	Noggin producing, MyoD-positive cells are crucial for eye development. <i>Developmental Biology</i> , <b>2009</b> , 336, 30-41	3.1	21
32	Induction of Immune Surveillance of the Dysmorphogenic Lens. <i>Scientific Reports</i> , <b>2017</b> , 7, 16235	4.9	18
31	Mechanism of Src kinase induction of cortical cataract following exposure to stress: destabilization of cell-cell junctions. <i>Molecular Vision</i> , <b>2007</b> , 13, 1298-310	2.3	17
30	Cells activated for wound repair have the potential to direct collective invasion of an epithelium. <i>Molecular Biology of the Cell</i> , <b>2016</b> , 27, 451-65	3.5	15
29	̢ integrin transactivates insulin-like growth factor receptor-1 (IGF-1R) to regulate caspase-3-mediated lens epithelial cell differentiation initiation. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 3842-55	5.4	15
28	Coordinate signaling by Src and p38 kinases in the induction of cortical cataracts. <i>Investigative Ophthalmology and Visual Science</i> , <b>2004</b> , 45, 2314-23		15
27	Differential expression of proliferative, cytoskeletal, and adhesive proteins during postnatal development of the hamster submandibular gland. <i>Histochemistry and Cell Biology</i> , <b>1999</b> , 111, 153-62	2.4	14

26	Endogenous hydrogen peroxide production in the epithelium of the developing embryonic lens. <i>Molecular Vision</i> , <b>2014</b> , 20, 458-67	2.3	14
25	TGF $\beta$ 1 and TGF $\beta$ 2 proteins in corneas with and without stromal fibrosis: Delayed regeneration of apical epithelial growth factor barrier and the epithelial basement membrane in corneas with stromal fibrosis. <i>Experimental Eye Research</i> , <b>2021</b> , 202, 108325	3.7	14
24	Microtubules: Evolving roles and critical cellular interactions. <i>Experimental Biology and Medicine</i> , <b>2019</b> , 244, 1240-1254	3.7	12
23	Distinct roles for N-Cadherin linked c-Src and fyn kinases in lens development. <i>Developmental Dynamics</i> , <b>2013</b> , 242, 469-84	2.9	11
22	Cytokine deposition alters leukocyte morphology and initial recruitment of monocytes and T cells after corneal injury <b>2014</b> , 55, 2757-65		11
21	An immune response to the avascular lens following wounding of the cornea involves ciliary zonule fibrils. <i>FASEB Journal</i> , <b>2020</b> , 34, 9316-9336	0.9	11
20	Lens differentiation is characterized by stage-specific changes in chromatin accessibility correlating with differentiation state-specific gene expression. <i>Developmental Biology</i> , <b>2019</b> , 453, 86-104	3.1	10
19	Functional role for stable microtubules in lens fiber cell elongation. <i>Experimental Cell Research</i> , <b>2018</b> , 362, 477-488	4.2	9
18	$\alpha$ -Crystallin associates with $\beta$ integrin receptor complexes and regulates cellular signaling. <i>Experimental Eye Research</i> , <b>2010</b> , 91, 640-51	3.7	9
17	Fibrosis: Shared Lessons From the Lens and Cornea. <i>Anatomical Record</i> , <b>2020</b> , 303, 1689-1702	2.1	9
16	The role of Src family kinases in cortical cataract formation. <i>Investigative Ophthalmology and Visual Science</i> , <b>2002</b> , 43, 2293-300		9
15	Color image acquisition using a monochrome camera and standard fluorescence filter cubes. <i>BioTechniques</i> , <b>2005</b> , 38, 52, 54, 56	2.5	8
14	Resident immune cells of the avascular lens: Mediators of the injury and fibrotic response of the lens. <i>FASEB Journal</i> , <b>2021</b> , 35, e21341	0.9	8
13	Establishment of a Clinically Relevant Ex Vivo Mock Cataract Surgery Model for Investigating Epithelial Wound Repair in a Native Microenvironment. <i>Journal of Visualized Experiments</i> , <b>2015</b> , e52886	1.6	7
12	Immune responses to injury and their links to eye disease. <i>Translational Research</i> , <b>2021</b> , 236, 52-71	11	7
11	Descemet's membrane injury and regeneration, and posterior corneal fibrosis, in rabbits. <i>Experimental Eye Research</i> , <b>2021</b> , 213, 108803	3.7	6
10	Dynamics of the lens basement membrane capsule and its interaction with connective tissue-like extracapsular matrix proteins. <i>Matrix Biology</i> , <b>2021</b> , 96, 18-46	11.4	6
9	Suppression of PI3K signaling is linked to autophagy activation and the spatiotemporal induction of the lens organelle free zone.. <i>Experimental Cell Research</i> , <b>2022</b> , 113043	4.2	4

8	Immune cells in lens injury repair and fibrosis. <i>Experimental Eye Research</i> , <b>2021</b> , 209, 108664	3.7	4
7	Role of Matrix and Cell Adhesion Molecules in Lens Differentiation <b>2004</b> , 245-260		3
6	The link between inhibition of PI3K signaling, induction of autophagy, and elimination of organelles to form the lens organelle-free zone <b>2022</b> , 1, 238-241		1
5	Specification of the patterning of a ductal tree during branching morphogenesis of the submandibular gland. <i>Scientific Reports</i> , <b>2021</b> , 11, 330	4.9	0
4	The Pro-fibrotic Response of Mesenchymal Leader Cells to Lens Wounding Involves Hyaluronic Acid, Its Receptor RHAMM, and Vimentin.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 862423	5.7	0
3	New Insight Into the Protrusions and Paddles That Link Lens Fiber Cells <b>2016</b> , 57, 4100		
2	Uveitis-mediated immune cell invasion through the extracellular matrix of the lens capsule. <i>FASEB Journal</i> , <b>2022</b> , 36, e21995	0.9	
1	Patterns of Crystallin Gene Expression in Differentiation State Specific Regions of the Embryonic Chicken Lens. <b>2022</b> , 63, 8		