

Kimberly L Mowry

List of Publications by Year in descending order

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36
papers

1,941
citations

471509

17
h-index

377865

34
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56
all docs

56
docs citations

56
times ranked

1414
citing authors

#	ARTICLE	IF	CITATIONS
1	L-bodies are RNA-protein condensates driving RNA localization in <i>Xenopus</i> oocytes. <i>Molecular Biology of the Cell</i> , 2021, 32, ar37.	2.1	21
2	Regulation of spatially restricted gene expression: linking RNA localization and phase separation. <i>Biochemical Society Transactions</i> , 2021, .	3.4	6
3	Using the <i>Xenopus</i> Oocyte Toolbox. <i>Cold Spring Harbor Protocols</i> , 2020, 2020, pdb.top095844.	0.3	6
4	Organizing the oocyte: RNA localization meets phase separation. <i>Current Topics in Developmental Biology</i> , 2020, 140, 87-118.	2.2	12
5	Modeling Microtubule-Based Transport and Anchoring of mRNA. <i>SIAM Journal on Applied Dynamical Systems</i> , 2018, 17, 2855-2881.	1.6	7
6	Fluorescence In Situ Hybridization of Cryosectioned <i>Xenopus</i> Oocytes. <i>Cold Spring Harbor Protocols</i> , 2018, 2018, pdb.prot097030.	0.3	4
7	Whole-Mount Immunofluorescence for Visualizing Endogenous Protein and Injected RNA in <i>Xenopus</i> Oocytes. <i>Cold Spring Harbor Protocols</i> , 2018, 2018, pdb.prot097022.	0.3	2
8	Analysis of Active Transport by Fluorescence Recovery after Photobleaching. <i>Biophysical Journal</i> , 2017, 112, 1714-1725.	0.5	17
9	Using in vivo imaging to measure RNA mobility in <i>Xenopus laevis</i> oocytes. <i>Methods</i> , 2016, 98, 60-65.	3.8	12
10	Taking a cellular road-trip: mRNA transport and anchoring. <i>Current Opinion in Cell Biology</i> , 2013, 25, 99-106.	5.4	32
11	Directional Transport Is Mediated by a Dynein-Dependent Step in an RNA Localization Pathway. <i>PLoS Biology</i> , 2013, 11, e1001551.	5.6	41
12	Principles and roles of mRNA localization in animal development. <i>Development (Cambridge)</i> , 2012, 139, 3263-3276.	2.5	183
13	Molecular motors: directing traffic during RNA localization. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2011, 46, 229-239.	5.2	57
14	Visualization of mRNA Localization in <i>Xenopus</i> Oocytes. <i>Methods in Molecular Biology</i> , 2011, 714, 71-82.	0.9	11
15	Visualizing RNA Localization in <i>Xenopus</i> Oocytes. <i>Journal of Visualized Experiments</i> , 2010, .	0.3	3
16	Preparation of a highly active cell-free translation system from immature <i>Xenopus laevis</i> oocytes. <i>Methods</i> , 2010, 51, 101-105.	3.8	1
17	RNA Transport in the Cytoplasm: How to Get There from Here. <i>FASEB Journal</i> , 2010, 24, 68.3.	0.5	0
18	VISIONS: the art of science. <i>Molecular Reproduction and Development</i> , 2009, 76, 1115-1115.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Multiple Kinesin Motors Coordinate Cytoplasmic RNA Transport on a Subpopulation of Microtubules in <i>Xenopus</i> Oocytes. <i>Developmental Cell</i> , 2008, 15, 426-436.	7.0	106
20	PTB/hnRNP I Is Required for RNP Remodeling during RNA Localization in <i>Xenopus</i> Oocytes. <i>Molecular and Cellular Biology</i> , 2008, 28, 678-686.	2.3	49
21	Ribonucleoprotein remodeling during RNA localization. <i>Differentiation</i> , 2007, 75, 507-518.	1.9	25
22	Putting RNAs in the right place at the right time: RNA localization in the frog oocyte. <i>Biology of the Cell</i> , 2005, 97, 19-33.	2.0	254
23	Nuclear RNP complex assembly initiates cytoplasmic RNA localization. <i>Journal of Cell Biology</i> , 2004, 165, 203-211.	5.2	117
24	<i>Xenopus</i> Staufen is a component of a ribonucleoprotein complex containing Vg1 RNA and kinesin. <i>Development (Cambridge)</i> , 2004, 131, 3035-3045.	2.5	121
25	Localization of RNAs to the Mitochondrial Cloud in <i>Xenopus</i> Oocytes through Entrapment and Association with Endoplasmic Reticulum. <i>Molecular Biology of the Cell</i> , 2004, 15, 4669-4681.	2.1	145
26	Conserved and clustered RNA recognition sequences are a critical feature of signals directing RNA localization in <i>Xenopus</i> oocytes. <i>Mechanisms of Development</i> , 2004, 121, 101-109.	1.7	58
27	Apparent mitochondrial asymmetry in <i>Xenopus</i> eggs. <i>Developmental Dynamics</i> , 2003, 226, 654-662.	1.8	9
28	Protein kinase A phosphorylation modulates transport of the polypyrimidine tract-binding protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8776-8781.	7.1	160
29	Processes That Occur before Second Cleavage Determine Third Cleavage Orientation in <i>Xenopus</i> . <i>Experimental Cell Research</i> , 2002, 274, 112-118.	2.6	18
30	A Consensus RNA Signal That Directs Germ Layer Determinants to the Vegetal Cortex of <i>Xenopus</i> Oocytes. <i>Developmental Biology</i> , 2002, 248, 82-92.	2.0	71
31	Microscope system for use in high magnetic fields. <i>Review of Scientific Instruments</i> , 2000, 71, 3108-3110.	1.3	5
32	RNA sorting in <i>Xenopus</i> oocytes and embryos. <i>FASEB Journal</i> , 1999, 13, 435-445.	0.5	102
33	A <i>Xenopus</i> Protein Related to hnRNP I Has a Role in Cytoplasmic RNA Localization. <i>Molecular Cell</i> , 1999, 4, 431-437.	9.7	216
34	Localized Maternal Proteins in <i>Xenopus</i> Revealed by Subtractive Immunization. <i>Developmental Biology</i> , 1997, 192, 446-454.	2.0	16
35	snRNP mediators of 3' end processing: functional fossils?. <i>Trends in Biochemical Sciences</i> , 1988, 13, 447-451.	7.5	45
36	L- Bodies are Novel RNA-Protein Condensates Driving RNA Transport in <i>Xenopus</i> Oocytes. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2