Kimberly L Mowry

List of Publications by Year
in descending order

36	1,941	471509 17	377865 34
papers	citations	h-index	g-index

56	56	56	1414
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Putting RNAs in the right place at the right time: RNA localization in the frog oocyte. Biology of the Cell, 2005, 97, 19-33.	2.0	254
2	A Xenopus Protein Related to hnRNP I Has a Role in Cytoplasmic RNA Localization. Molecular Cell, 1999, 4, 431-437.	9.7	216
3	Principles and roles of mRNA localization in animal development. Development (Cambridge), 2012, 139, 3263-3276.	2.5	183
4	Protein kinase A phosphorylation modulates transport of the polypyrimidine tract-binding protein. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8776-8781.	7.1	160
5	Localization of RNAs to the Mitochondrial Cloud in Xenopus Oocytes through Entrapment and Association with Endoplasmic Reticulum. Molecular Biology of the Cell, 2004, 15, 4669-4681.	2.1	145
6	Xenopus Staufen is a component of a ribonucleoprotein complex containing Vg1 RNA and kinesin. Development (Cambridge), 2004, 131, 3035-3045.	2.5	121
7	Nuclear RNP complex assembly initiates cytoplasmic RNA localization. Journal of Cell Biology, 2004, 165, 203-211.	5.2	117
8	Multiple Kinesin Motors Coordinate Cytoplasmic RNA Transport on a Subpopulation of Microtubules in Xenopus Oocytes. Developmental Cell, 2008, 15, 426-436.	7.0	106
9	RNA sorting inXenopusoocytes and embryos. FASEB Journal, 1999, 13, 435-445.	0.5	102
10	A Consensus RNA Signal That Directs Germ Layer Determinants to the Vegetal Cortex of Xenopus Oocytes. Developmental Biology, 2002, 248, 82-92.	2.0	71
11	Conserved and clustered RNA recognition sequences are a critical feature of signals directing RNA localization in Xenopus oocytes. Mechanisms of Development, 2004, 121, 101-109.	1.7	58
12	Molecular motors: directing traffic during RNA localization. Critical Reviews in Biochemistry and Molecular Biology, 2011, 46, 229-239.	5.2	57
13	PTB/hnRNP I Is Required for RNP Remodeling during RNA Localization in Xenopus Oocytes. Molecular and Cellular Biology, 2008, 28, 678-686.	2.3	49
14	snRNP mediators of 3â€² end processing: functional fossils?. Trends in Biochemical Sciences, 1988, 13, 447-451.	7.5	45
15	Directional Transport Is Mediated by a Dynein-Dependent Step in an RNA Localization Pathway. PLoS Biology, 2013, 11, e1001551.	5.6	41
16	Taking a cellular road-trip: mRNA transport and anchoring. Current Opinion in Cell Biology, 2013, 25, 99-106.	5.4	32
17	Ribonucleoprotein remodeling during RNA localization. Differentiation, 2007, 75, 507-518.	1.9	25
18	L-bodies are RNAâ€“protein condensates driving RNA localization in Xenopus oocytes. Molecular Biology of the Cell, 2021, 32, ar37.	2.1	21

#	Article	IF	Citations
19	Processes That Occur before Second Cleavage Determine Third Cleavage Orientation in Xenopus. Experimental Cell Research, 2002, 274, 112-118.	2.6	18
20	Analysis of Active Transport by Fluorescence Recovery after Photobleaching. Biophysical Journal, 2017, 112, 1714-1725.	0.5	17
21	Localized Maternal Proteins inXenopusRevealed by Subtractive Immunization. Developmental Biology, 1997, 192, 446-454.	2.0	16
22	Using in vivo imaging to measure RNA mobility in Xenopus laevis oocytes. Methods, 2016, 98, 60-65.	3.8	12
23	Organizing the oocyte: RNA localization meets phase separation. Current Topics in Developmental Biology, 2020, 140, 87-118.	2.2	12
24	Visualization of mRNA Localization in Xenopus Oocytes. Methods in Molecular Biology, 2011, 714, 71-82.	0.9	11
25	Apparent mitochondrial asymmetry in Xenopus eggs. Developmental Dynamics, 2003, 226, 654-662.	1.8	9
26	Modeling Microtubule-Based Transport and Anchoring of mRNA. SIAM Journal on Applied Dynamical Systems, 2018, 17, 2855-2881.	1.6	7
27	Using the Xenopus Oocyte Toolbox. Cold Spring Harbor Protocols, 2020, 2020, pdb.top095844.	0.3	6
28	Regulation of spatially restricted gene expression: linking RNA localization and phase separation. Biochemical Society Transactions, 2021, , .	3.4	6
29	Microscope system for use in high magnetic fields. Review of Scientific Instruments, 2000, 71, 3108-3110.	1.3	5
30	Fluorescence In Situ Hybridization of Cryosectioned Xenopus Oocytes. Cold Spring Harbor Protocols, 2018, 2018, pdb.prot097030.	0.3	4
31	Visualizing RNA Localization in Xenopus Oocytes. Journal of Visualized Experiments, 2010, , .	0.3	3
32	VISIONS: the art of science. Molecular Reproduction and Development, 2009, 76, 1115-1115.	2.0	2
33	Whole-Mount Immunofluorescence for Visualizing Endogenous Protein and Injected RNA in Xenopus Oocytes. Cold Spring Harbor Protocols, 2018, 2018, pdb.prot097022.	0.3	2
34	L- Bodies are Novel RNA-Protein Condensates Driving RNA Transport in Xenopus Oocytes. SSRN Electronic Journal, 0, , .	0.4	2
35	Preparation of a highly active cell-free translation system from immature Xenopus laevis oocytes. Methods, 2010, 51, 101-105.	3.8	1
36	RNA Transport in the Cytoplasm: How to Get There from Here. FASEB Journal, 2010, 24, 68.3.	0.5	0