Molly Gale Hammell

List of Publications by Year
in descending order

38 papers	5,822 citations	172457 29 h-index	315739 38 g-index
43 all docs	43 docs citations	43 times ranked	10518 citing authors

#	Article	IF	Citations
1	Organoid Models of Human and Mouse Ductal Pancreatic Cancer. Cell, 2015, 160, 324-338.	28.9	1,584
2	Ten things you should know about transposable elements. Genome Biology, 2018, 19, 199.	8.8	817
3	TEtranscripts: a package for including transposable elements in differential expression analysis of RNA-seq datasets. Bioinformatics, 2015, 31, 3593-3599.	4.1	419
4	NRF2 Promotes Tumor Maintenance by Modulating mRNA Translation in Pancreatic Cancer. Cell, 2016, 166, 963-976.	28.9	294
5	The Expansion Asymmetry and Age of the Cassiopeia A Supernova Remnant. Astrophysical Journal, 2006, 645, 283-292.	4.5	238
6	Multiple roles for Piwi in silencing Drosophila transposons. Genes and Development, 2013, 27, 400-412.	5.9	231
7	piRNA-directed cleavage of meiotic transcripts regulates spermatogenesis. Genes and Development, 2015, 29, 1032-1044.	5.9	220
8	A C. elegans genome-scale microRNA network contains composite feedback motifs with high flux capacity. Genes and Development, 2008, 22, 2535-2549.	5.9	207
9	mirWIP: microRNA target prediction based on microRNA-containing ribonucleoproteinâ€“enriched transcripts. Nature Methods, 2008, 5, 813-819.	19.0	201
10	Postmortem Cortex Samples Identify Distinct Molecular Subtypes of ALS: Retrotransposon Activation, Oxidative Stress, and Activated Glia. Cell Reports, 2019, 29, 1164-1177.e5.	6.4	184
11	Transposable Elements in TDP-43-Mediated Neurodegenerative Disorders. PLoS ONE, 2012, 7, e44099.	2.5	162
12	Retrotransposon activation contributes to neurodegeneration in a Drosophila TDP-43 model of ALS. PLoS Genetics, 2017, 13, e1006635.	3.5	157
13	An atlas of chromatoid body components. Rna, 2014, 20, 483-495.	3.5	92
14	Diseases of the nERVous system: retrotransposon activity in neurodegenerative disease. Mobile DNA, 2019, 10, 32.	3.6	91
15	Single-cell RNA-seq analysis identifies markers of resistance to targeted BRAF inhibitors in melanoma cell populations. Genome Research, 2018, 28, 1353-1363.	5.5	71
16	Effect of life history on microRNA expression during C. elegans development. Rna, 2011, 17, 639-651.	3.5	65
17	The Chemical Distribution in a Subluminous Type Ia Supernova:Hubble Space TelescopeImages of the SN 1885 Remnant. Astrophysical Journal, 2007, 658, 396-409.	4.5	55
18	Discovery of Outlying Highâ€Velocity Oxygenâ€Rich Ejecta in Cassiopeia A. Astrophysical Journal, 2006, 636, 859-872.	4.5	51

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19	Computational methods to identify miRNA targets. Seminars in Cell and Developmental Biology, 2010, 21, 738-744.	5.0	51
20	Decoding the 5â€² nucleotide bias of PIWI-interacting RNAs. Nature Communications, 2019, 10, 828.	12.8	51
21	Genome-Wide Analysis of leafbladeless1-Regulated and Phased Small RNAs Underscores the Importance of the TAS3 ta-siRNA Pathway to Maize Development. PLoS Genetics, 2014, 10, e1004826.	3.5	49
22	Chd5 Requires PHD-Mediated Histone 3 Binding for Tumor Suppression. Cell Reports, 2013, 3, 92-102.	6.4	47
23	RNF17 blocks promiscuous activity of PIWI proteins in mouse testes. Genes and Development, 2015, 29, 1403-1415.	5.9	47
24	Immunopurification of Ago1 miRNPs selects for a distinct class of microRNA targets. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15085-15090.	7.1	43
25	Novel DICER-LIKE1 siRNAs Bypass the Requirement for DICER-LIKE4 in Maize Development. Plant Cell, 2015, 27, 2163-2177.	6.6	42
26	Systematic analysis of dynamic miRNA-target interactions during C. elegans development. Development (Cambridge), 2009, 136, 3043-3055.	2.5	41
27	Analysis of RNA-Seq Data Using TEtranscripts. Methods in Molecular Biology, 2018, 1751, 153-167.	0.9	41
28	EJECTA KNOT FLICKERING, MASS ABLATION, AND FRAGMENTATION IN CASSIOPEIA A. Astrophysical Journal, 2011, 736, 109.	4.5	39
29	Mobile genomics: tools and techniques for tackling transposons. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190345.	4.0	39
30	Suppression of protein tyrosine phosphatase N23 predisposes to breast tumorigenesis via activation of FYN kinase. Genes and Development, 2017, 31, 1939-1957.	5.9	36
31	A Catalog of Outer Ejecta Knots in the Cassiopeia A Supernova Remnant. Astrophysical Journal, Supplement Series, 2008, 179, 195-208.	7.7	33
32	Robust Distal Tip Cell Pathfinding in the Face of Temperature Stress Is Ensured by Two Conserved microRNAS in Caenorhabditis elegans. Genetics, 2015, 200, 1201-1218.	2.9	30
33	The Oxford-Dartmouth Thirty Degree Survey - I. Observations and calibration of a wide-field multiband survey. Monthly Notices of the Royal Astronomical Society, 2004, 352, 1255-1272.	4.4	27
34	Single-Cell Applications of Next-Generation Sequencing. Cold Spring Harbor Perspectives in Medicine, 2019, 9, a026898.	6.2	23
35	Lateâ€Time Xâ€Ray, UV, and Optical Monitoring of Supernova 1979C. Astrophysical Journal, 2005, 632, 283-293.	4.5	21
36	Chromatin-mediated translational control is essential for neural cell fate specification. Life Science Alliance, 2018, 1, e201700016.	2.8	7

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37	TEsmall Identifies Small RNAs Associated With Targeted Inhibitor Resistance in Melanoma. Frontiers in Genetics, 2018, 9, 461.	2.3	5
38	Ten simple rules for running a successful women-in-STEM organization on an academic campus. PLoS Computational Biology, 2020, 16, e1007754.	3.2	2