

# Shawn M Lyons

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

3,085  
citations

304368

22  
h-index

360668

35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

4499  
citing authors

#	ARTICLE	IF	CITATIONS
1	Competing Protein-RNA Interaction Networks Control Multiphase Intracellular Organization. <i>Cell</i> , 2020, 181, 306-324.e28.	13.5	543
2	G3BP and Caprin1-USP10 complexes mediate stress granule condensation and associate with 40S subunits. <i>Journal of Cell Biology</i> , 2016, 212, 845-60.	2.3	480
3	RNA G-Quadruplexes in Biology: Principles and Molecular Mechanisms. <i>Journal of Molecular Biology</i> , 2017, 429, 2127-2147.	2.0	324
4	Stress-specific differences in assembly and composition of stress granules and related foci. <i>Journal of Cell Science</i> , 2017, 130, 927-937.	1.2	203
5	YB-1 regulates tRNA-induced Stress Granule formation but not translational repression. <i>Nucleic Acids Research</i> , 2016, 44, 6949-6960.	6.5	189
6	The Long Non-coding RNA HIF1A-AS2 Facilitates the Maintenance of Mesenchymal Glioblastoma Stem-like Cells in Hypoxic Niches. <i>Cell Reports</i> , 2016, 15, 2500-2509.	2.9	156
7	Identification of functional tetramolecular RNA G-quadruplexes derived from transfer RNAs. <i>Nature Communications</i> , 2017, 8, 1127.	5.8	152
8	The role of RNA modifications in the regulation of tRNA cleavage. <i>FEBS Letters</i> , 2018, 592, 2828-2844.	1.3	128
9	RNA biology of angiogenin: Current state and perspectives. <i>RNA Biology</i> , 2017, 14, 171-178.	1.5	114
10	Actionable Cytopathogenic Host Responses of Human Alveolar Type 2 Cells to SARS-CoV-2. <i>Molecular Cell</i> , 2020, 80, 1104-1122.e9.	4.5	94
11	Systematic reconstruction of RNA functional motifs with high-throughput microfluidics. <i>Nature Methods</i> , 2012, 9, 1192-1194.	9.0	69
12	snRNPs: Functions in Ribosome Biogenesis. <i>Biomolecules</i> , 2020, 10, 783.	1.8	66
13	eIF4G has intrinsic G-quadruplex binding activity that is required for tRNA function. <i>Nucleic Acids Research</i> , 2020, 48, 6223-6233.	6.5	55
14	A subset of replication-dependent histone mRNAs are expressed as polyadenylated RNAs in terminally differentiated tissues. <i>Nucleic Acids Research</i> , 2016, 44, gkw620.	6.5	52
15	mRNAs containing the histone 3' stem-loop are degraded primarily by decapping mediated by oligouridylation of the 3' end. <i>Rna</i> , 2013, 19, 1-16.	1.6	46
16	Tumor Interferon Signaling Is Regulated by a lncRNA INCR1 Transcribed from the PD-L1 Locus. <i>Molecular Cell</i> , 2020, 78, 1207-1223.e8.	4.5	43
17	Stable tRNA halves can be sorted into extracellular vesicles and delivered to recipient cells in a concentration-dependent manner. <i>RNA Biology</i> , 2020, 17, 1168-1182.	1.5	42
18	Microbial Communities and Chemosynthesis in Yellowstone Lake Sublacustrine Hydrothermal Vent Waters. <i>Frontiers in Microbiology</i> , 2011, 2, 130.	1.5	40

#	ARTICLE	IF	CITATIONS
19	Nitric oxide triggers the assembly of $\alpha$ -type II $\alpha$ -stress granules linked to decreased cell viability. <i>Cell Death and Disease</i> , 2018, 9, 1129.	2.7	34
20	Distinct self-interaction domains promote Multi Sex Combs accumulation in and formation of the <i>Drosophila</i> histone locus body. <i>Molecular Biology of the Cell</i> , 2015, 26, 1559-1574.	0.9	33
21	FXR1 splicing is important for muscle development and biomolecular condensates in muscle cells. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	30
22	The C-terminal extension of Lsm4 interacts directly with the 3' end of the histone mRNP and is required for efficient histone mRNA degradation. <i>Rna</i> , 2014, 20, 88-102.	1.6	27
23	Early rRNA processing is a stress-dependent regulatory event whose inhibition maintains nucleolar integrity. <i>Nucleic Acids Research</i> , 2022, 50, 1033-1051.	6.5	27
24	Stress Granule Assembly Can Facilitate but Is Not Required for TDP-43 Cytoplasmic Aggregation. <i>Biomolecules</i> , 2020, 10, 1367.	1.8	25
25	A multiprotein occupancy map of the mRNP on the 3' end of histone mRNAs. <i>Rna</i> , 2015, 21, 1943-1965.	1.6	18
26	Stress granules and RNA processing bodies are novel autoantibody targets in systemic sclerosis. <i>Arthritis Research and Therapy</i> , 2016, 18, 27.	1.6	16
27	Selective Cleavage at CCA Ends and Anticodon Loops of tRNAs by Stress-Induced RNases. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 791094.	1.6	15
28	Revisiting the Concept of Stress in the Prognosis of Solid Tumors: A Role for Stress Granules Proteins?. <i>Cancers</i> , 2020, 12, 2470.	1.7	14
29	Translation inhibition and suppression of stress granules formation by cisplatin. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112382.	2.5	9
30	RNA-Seeded Functional Amyloids Balance Growth and Survival. <i>Developmental Cell</i> , 2016, 39, 131-132.	3.1	8
31	SDE2 is an essential gene required for ribosome biogenesis and the regulation of alternative splicing. <i>Nucleic Acids Research</i> , 2021, 49, 9424-9443.	6.5	5
32	MVP Expression Facilitates Tumor Cell Proliferation and Migration Supporting the Metastasis of Colorectal Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12121.	1.8	4
33	Regulated tRNA Cleavage in Biology and Medicine: Roles of tRNA Modifications. <i>RNA Technologies</i> , 2016, , 27-54.	0.2	2
34	Abstract 1000: The long non-coding RNA HIF1A-AS2 regulates mesenchymal glioma stem cell tumorigenicity. <i>Cancer Research</i> , 2016, 76, 1000-1000.	0.4	1