

# Shawn M Lyons

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

3,085  
citations

304743  
22  
h-index

361022  
35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

4499  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early rRNA processing is a stress-dependent regulatory event whose inhibition maintains nucleolar integrity. <i>Nucleic Acids Research</i> , 2022, 50, 1033-1051.	14.5	27
2	Translation inhibition and suppression of stress granules formation by cisplatin. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112382.	5.6	9
3	Selective Cleavage at CCA Ends and Anticodon Loops of tRNAs by Stress-Induced RNases. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 791094.	3.5	15
4	SDE2 is an essential gene required for ribosome biogenesis and the regulation of alternative splicing. <i>Nucleic Acids Research</i> , 2021, 49, 9424-9443.	14.5	5
5	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.	4.1	4
6	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.	3.1	42
7	Stress Granule Assembly Can Facilitate but Is Not Required for TDP-43 Cytoplasmic Aggregation. <i>Biomolecules</i> , 2020, 10, 1367.	4.0	25
8	Actionable Cytopathogenic Host Responses of Human Alveolar Type 2 Cells to SARS-CoV-2. <i>Molecular Cell</i> , 2020, 80, 1104-1122.e9.	9.7	94
9	Revisiting the Concept of Stress in the Prognosis of Solid Tumors: A Role for Stress Granules Proteins?. <i>Cancers</i> , 2020, 12, 2470.	3.7	14
10	snoRNPs: Functions in Ribosome Biogenesis. <i>Biomolecules</i> , 2020, 10, 783.	4.0	66
11	eIF4G has intrinsic G-quadruplex binding activity that is required for tRNA function. <i>Nucleic Acids Research</i> , 2020, 48, 6223-6233.	14.5	55
12	Tumor Interferon Signaling Is Regulated by a lncRNA INCR1 Transcribed from the PD-L1 Locus. <i>Molecular Cell</i> , 2020, 78, 1207-1223.e8.	9.7	43
13	Competing Protein-RNA Interaction Networks Control Multiphase Intracellular Organization. <i>Cell</i> , 2020, 181, 306-324.e28.	28.9	543
14	FXR1 splicing is important for muscle development and biomolecular condensates in muscle cells. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	30
15	Nitric oxide triggers the assembly of atypical stress granules linked to decreased cell viability. <i>Cell Death and Disease</i> , 2018, 9, 1129.	6.3	34
16	The role of RNA modifications in the regulation of tRNA cleavage. <i>FEBS Letters</i> , 2018, 592, 2828-2844.	2.8	128
17	Stress-specific differences in assembly and composition of stress granules and related foci. <i>Journal of Cell Science</i> , 2017, 130, 927-937.	2.0	203
18	RNA G-Quadruplexes in Biology: Principles and Molecular Mechanisms. <i>Journal of Molecular Biology</i> , 2017, 429, 2127-2147.	4.2	324

#	ARTICLE	IF	CITATIONS
19	RNA biology of angiogenin: Current state and perspectives. RNA Biology, 2017, 14, 171-178.	3.1	114
20	Identification of functional tetramolecular RNA G-quadruplexes derived from transfer RNAs. Nature Communications, 2017, 8, 1127.	12.8	152
21	Regulated tRNA Cleavage in Biology and Medicine: Roles of tRNA Modifications. RNA Technologies, 2016, , 27-54.	0.3	2
22	A subset of replication-dependent histone mRNAs are expressed as polyadenylated RNAs in terminally differentiated tissues. Nucleic Acids Research, 2016, 44, gkw620.	14.5	52
23	RNA-Seeded Functional Amyloids Balance Growth and Survival. Developmental Cell, 2016, 39, 131-132.	7.0	8
24	The Long Non-coding RNA HIF1A-AS2 Facilitates the Maintenance of Mesenchymal Glioblastoma Stem-like Cells in Hypoxic Niches. Cell Reports, 2016, 15, 2500-2509.	6.4	156
25	YB-1 regulates tiRNA-induced Stress Granule formation but not translational repression. Nucleic Acids Research, 2016, 44, 6949-6960.	14.5	189
26	G3BP <sup>Δ</sup> Caprin1 <sup>Δ</sup> USP10 complexes mediate stress granule condensation and associate with 40S subunits. Journal of Cell Biology, 2016, 212, 845-60.	5.2	480
27	Stress granules and RNA processing bodies are novel autoantibody targets in systemic sclerosis. Arthritis Research and Therapy, 2016, 18, 27.	3.5	16
28	Abstract 1000: The long non-coding RNA HIF1A-AS2 regulates mesenchymal glioma stem cell tumorigenicity. Cancer Research, 2016, 76, 1000-1000.	0.9	1
29	Distinct self-interaction domains promote Multi Sex Combs accumulation in and formation of the <i>Drosophila</i> histone locus body. Molecular Biology of the Cell, 2015, 26, 1559-1574.	2.1	33
30	A multiprotein occupancy map of the mRNP on the 3' end of histone mRNAs. Rna, 2015, 21, 1943-1965.	3.5	18
31	The C-terminal extension of Lsm4 interacts directly with the 3' end of the histone mRNP and is required for efficient histone mRNA degradation. Rna, 2014, 20, 88-102.	3.5	27
32	mRNAs containing the histone 3' stem-loop are degraded primarily by decapping mediated by oligouridylation of the 3' end. Rna, 2013, 19, 1-16.	3.5	46
33	Systematic reconstruction of RNA functional motifs with high-throughput microfluidics. Nature Methods, 2012, 9, 1192-1194.	19.0	69
34	Microbial Communities and Chemosynthesis in Yellowstone Lake Sublacustrine Hydrothermal Vent Waters. Frontiers in Microbiology, 2011, 2, 130.	3.5	40