

Subramanya Srikantan

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

5,402
citations

117625

34
h-index

197818

49
g-index

52
all docs

52
docs citations

52
times ranked

8322
citing authors

#	ARTICLE	IF	CITATIONS
1	LincRNA-p21 Suppresses Target mRNA Translation. <i>Molecular Cell</i> , 2012, 47, 648-655.	9.7	876
2	HuR recruits let-7/RISC to repress c-Myc expression. <i>Genes and Development</i> , 2009, 23, 1743-1748.	5.9	491
3	miR-130 Suppresses Adipogenesis by Inhibiting Peroxisome Proliferator-Activated Receptor β Expression. <i>Molecular and Cellular Biology</i> , 2011, 31, 626-638.	2.3	329
4	HuR function in disease. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 189.	3.0	291
5	p16INK4a Translation Suppressed by miR-24. <i>PLoS ONE</i> , 2008, 3, e1864.	2.5	231
6	miR-519 reduces cell proliferation by lowering RNA-binding protein HuR levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20297-20302.	7.1	189
7	Nuclear HuR accumulation through phosphorylation by Cdk1. <i>Genes and Development</i> , 2008, 22, 1804-1815.	5.9	181
8	Functional Interplay between RNA-Binding Protein HuR and microRNAs. <i>Current Protein and Peptide Science</i> , 2012, 13, 372-379.	1.4	167
9	PAR-CLIP analysis uncovers AUF1 impact on target RNA fate and genome integrity. <i>Nature Communications</i> , 2014, 5, 5248.	12.8	156
10	Ubiquitin-mediated proteolysis of HuR by heat shock. <i>EMBO Journal</i> , 2009, 28, 1271-1282.	7.8	150
11	hnRNP C promotes APP translation by competing with FMRP for APP mRNA recruitment to P bodies. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 732-739.	8.2	146
12	Top3 β is an RNA topoisomerase that works with fragile X syndrome protein to promote synapse formation. <i>Nature Neuroscience</i> , 2013, 16, 1238-1247.	14.8	124
13	MicroRNA profiling in human diploid fibroblasts uncovers miR-519 role in replicative senescence. <i>Aging</i> , 2010, 2, 333-343.	3.1	121
14	miR-375 Inhibits Differentiation of Neurites by Lowering HuD Levels. <i>Molecular and Cellular Biology</i> , 2010, 30, 4197-4210.	2.3	119
15	miR-519 suppresses tumor growth by reducing HuR levels. <i>Cell Cycle</i> , 2010, 9, 1354-1359.	2.6	117
16	MS2-TRAP (MS2-tagged RNA affinity purification): Tagging RNA to identify associated miRNAs. <i>Methods</i> , 2012, 58, 81-87.	3.8	114
17	Enhanced translation by Nucleolin via G-rich elements in coding and non-coding regions of target mRNAs. <i>Nucleic Acids Research</i> , 2011, 39, 8513-8530.	14.5	112
18	A Selective and Cell-Permeable Mitochondrial Calcium Uniporter (MCU) Inhibitor Preserves Mitochondrial Bioenergetics after Hypoxia/Reoxygenation Injury. <i>ACS Central Science</i> , 2019, 5, 153-166.	11.3	112

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19	In vivo and in vitro oncogenic effects of HIF2A mutations in pheochromocytomas and paragangliomas. <i>Endocrine-Related Cancer</i> , 2013, 20, 349-359.	3.1	110
20	Post-transcriptional gene regulation by HuR promotes a more tumorigenic phenotype. <i>Oncogene</i> , 2008, 27, 6151-6163.	5.9	109
21	Competitive Regulation of Nucleolin Expression by HuR and miR-494. <i>Molecular and Cellular Biology</i> , 2011, 31, 4219-4231.	2.3	102
22	Translational Control of TOP2A Influences Doxorubicin Efficacy. <i>Molecular and Cellular Biology</i> , 2011, 31, 3790-3801.	2.3	85
23	Lactate Elicits ER-Mitochondrial Mg ²⁺ Dynamics to Integrate Cellular Metabolism. <i>Cell</i> , 2020, 183, 474-489.e17.	28.9	84
24	Global dissociation of HuR-mRNA complexes promotes cell survival after ionizing radiation. <i>EMBO Journal</i> , 2011, 30, 1040-1053.	7.8	74
25	Increased MKK4 Abundance with Replicative Senescence Is Linked to the Joint Reduction of Multiple MicroRNAs. <i>Science Signaling</i> , 2009, 2, ra69.	3.6	71
26	Posttranscriptional regulation of IL-13 in T cells: Role of the RNA-binding protein HuR. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 853-859.e4.	2.9	67
27	An essential role for cardiolipin in the stability and function of the mitochondrial calcium uniporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16383-16390.	7.1	63
28	RNA-binding protein AUF1 represses Dicer expression. <i>Nucleic Acids Research</i> , 2012, 40, 11531-11544.	14.5	61
29	Growth Inhibition by miR-519 via Multiple p21-Inducing Pathways. <i>Molecular and Cellular Biology</i> , 2012, 32, 2530-2548.	2.3	59
30	Blockade of MCU-Mediated Ca ²⁺ Uptake Perturbs Lipid Metabolism via PP4-Dependent AMPK Dephosphorylation. <i>Cell Reports</i> , 2019, 26, 3709-3725.e7.	6.4	58
31	The RNA-binding protein HuR regulates DNA methylation through stabilization of DNMT3b mRNA. <i>Nucleic Acids Research</i> , 2009, 37, 2658-2671.	14.5	56
32	Mitochondrial pyruvate and fatty acid flux modulate MICU1-dependent control of MCU activity. <i>Science Signaling</i> , 2020, 13, .	3.6	48
33	Tyrosine phosphorylation of HuR by JAK3 triggers dissociation and degradation of HuR target mRNAs. <i>Nucleic Acids Research</i> , 2014, 42, 1196-1208.	14.5	45
34	Regulation of senescence by microRNA biogenesis factors. <i>Ageing Research Reviews</i> , 2012, 11, 491-500.	10.9	37
35	Analysis of Nitric Oxide-Stabilized mRNAs in Human Fibroblasts Reveals HuR-Dependent Heme Oxygenase 1 Upregulation. <i>Molecular and Cellular Biology</i> , 2009, 29, 2622-2635.	2.3	36
36	UneCLIPsing HuR Nuclear Function. <i>Molecular Cell</i> , 2011, 43, 319-321.	9.7	31

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37	Micro <scp>RNA</scp> â€”195 controls <scp>MICU</scp> 1 expression and tumor growth in ovarian cancer. EMBO Reports, 2020, 21, e48483.	4.5	29
38	SARS-CoV-2 infection enhances mitochondrial PTP complex activity to perturb cardiac energetics. IScience, 2022, 25, 103722.	4.1	27
39	Paradoxical microRNAs. Cell Cycle, 2011, 10, 751-759.	2.6	26
40	cDNA cloning and regulation of two sex-hormone-repressed hamster tear lipocalins having homology with odorant/pheromone-binding proteins. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2005, 1729, 154-165.	2.4	20
41	The TMEM127 human tumor suppressor is a component of the mTORC1 lysosomal nutrient-sensing complex. Human Molecular Genetics, 2018, 27, 1794-1808.	2.9	18
42	The tumor suppressor TMEM127 regulates insulin sensitivity in a tissue-specific manner. Nature Communications, 2019, 10, 4720.	12.8	14
43	MYC Regulation of D2HGDH and L2HGDH Influences the Epigenome and Epitranscriptome. Cell Chemical Biology, 2020, 27, 538-550.e7.	5.2	14
44	LincRNA-p21 Suppresses Target mRNA Translation. Molecular Cell, 2013, 50, 303.	9.7	10
45	Senescence-associated microRNAs linked to tumorigenesis. Cell Cycle, 2011, 10, 3211-3212.	2.6	8
46	Sex differences in expression and differential regulation by androgen and estrogen of two odorant-binding tear lipocalins in lacrimal glands of immature hamsters. General and Comparative Endocrinology, 2008, 158, 268-276.	1.8	7
47	Estrogen and androgen repression of two female specific lacrimal lipocalins in hamster: Pituitary independent and sex hormone receptor mediated action. General and Comparative Endocrinology, 2007, 151, 172-179.	1.8	4
48	Cloning, overexpression, purification, crystallization and preliminary X-ray analysis of a female-specific lipocalin (FLP) expressed in the lacrimal glands of Syrian hamsters. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 509-512.	0.7	1
49	Copious urinary excretion of a male Syrian hamster (Mesocricetus auratus) salivary gland protein after its endocrine-like release upon β^2 -adrenergic stimulation. General and Comparative Endocrinology, 2013, 186, 25-32.	1.8	1
50	Regulation of mRNA Turnover by Cellular Stress. , 2010, , 2247-2255.		1
51	Response to Comment on â€œIncreased MKK4 Abundance with Replicative Senescence Is Linked to the Joint Reduction of Multiple MicroRNAsâ€. Science Signaling, 2010, 3, ,	3.6	0
52	Altered glycobiology of stem cells linked to age-related osteoarthritis. Aging, 2011, 3, 663-664.	3.1	0