Stuart A Wilson

List of Publications by Year
in descending order

54 papers	4,568 citations	117625 34 h-index	168389 53 g-index
57 all docs	57 docs citations	57 times ranked	8492 citing authors

#	Article	IF	Citations
1	Co-transcriptional Loading of RNA Export Factors Shapes the Human Transcriptome. Molecular Cell, 2019, 75, 310-323.e8.	9.7	75
2	The m6Aâ€‘methylase complex and mRNA export. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 319-328.	1.9	40
3	The Tudor SND1 protein is an m6A RNA reader essential for replication of Kaposiâ€™s sarcoma-associated herpesvirus. ELife, 2019, 8, .	6.0	107
4	The m6A-methylase complex recruits TREX and regulates mRNA export. Scientific Reports, 2018, 8, 13827.	3.3	89
5	The role of TREX in gene expression and disease. Biochemical Journal, 2016, 473, 2911-2935.	3.7	165
6	Arginine methylation and citrullination of splicing factor proline- and glutamine-rich (SFPQ/PSF) regulates its association with mRNA. Rna, 2015, 21, 347-359.	3.5	40
7	Luzp4 defines a new mRNA export pathway in cancer cells. Nucleic Acids Research, 2015, 43, 2353-2366.	14.5	56
8	Competitive and Cooperative Interactions Mediate RNA Transfer from Herpesvirus Saimiri ORF57 to the Mammalian Export Adaptor ALYREF. PLoS Pathogens, 2014, 10, e1003907.	4.7	23
9	Sequestration of multiple RNA recognition motif-containing proteins by C9orf72 repeat expansions. Brain, 2014, 137, 2040-2051.	7.6	253
10	In <scp>C</scp>andida albicans hyphae, <scp>S</scp>ec2p is physically associated with <scp>SEC2 mRNA</scp> on secretory vesicles. Molecular Microbiology, 2014, 94, 828-842.	2.5	17
11	Chtop is a component of the dynamic TREX mRNA export complex. EMBO Journal, 2013, 32, 473-486.	7.8	95
12	Mapping Interactions between mRNA Export Factors in Living Cells. PLoS ONE, 2013, 8, e67676.	2.5	17
13	BLF1, the first Burkholderia pseudomallei toxin, connects inhibition of host protein synthesis with melioidosis. Biochemical Society Transactions, 2012, 40, 842-845.	3.4	6
14	The structure and selectivity of the SR protein SRSF2 RRM domain with RNA. Nucleic Acids Research, 2012, 40, 3232-3244.	14.5	22
15	TREX exposes the RNA-binding domain of Nxf1 to enable mRNA export. Nature Communications, 2012, 3, 1006.	12.8	149
16	Drosha regulates neurogenesis by controlling Neurogenin 2 expression independent of microRNAs. Nature Neuroscience, 2012, 15, 962-969.	14.8	117
17	A Burkholderia pseudomallei Toxin Inhibits Helicase Activity of Translation Factor eIF4A. Science, 2011, 334, 821-824.	12.6	107
18	The 1H, 13C and 15N backbone and side-chain assignment of the RRM domain of SC35, a regulator of pre-mRNA splicing. Biomolecular NMR Assignments, 2011, 5, 7-10.	0.8	2

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19	FatJ acts via the Hippo mediator Yap1 to restrict the size of neural progenitor cell pools. Development (Cambridge), 2011, 138, 1893-1902.	2.5	43
20	Structural Basis for the Recognition of Cellular mRNA Export Factor REF by Herpes Viral Proteins HSV-1 ICP27 and HVS ORF57. PLoS Pathogens, 2011, 7, e1001244.	4.7	41
21	An Interaction between KSHV ORF57 and UIF Provides mRNA-Adaptor Redundancy in Herpesvirus Intronless mRNA Export. PLoS Pathogens, 2011, 7, e1002138.	4.7	44
22	Analysis of arginine and lysine methylation utilizing peptide separations at neutral pH and electron transfer dissociation mass spectrometry. Journal of the American Society for Mass Spectrometry, 2010, 21, 88-96.	2.8	39
23	A direct comparison of strategies for combinatorial RNA interference. BMC Molecular Biology, 2010, 11, 77.	3.0	17
24	Arginine methylation of REF/ALY promotes efficient handover of mRNA to TAP/NXF1. Nucleic Acids Research, 2010, 38, 3351-3361.	14.5	61
25	ATP is required for interactions between UAP56 and two conserved mRNA export proteins, Aly and CIP29, to assemble the TREX complex. Genes and Development, 2010, 24, 2043-2053.	5.9	149
26	Structure and function of mRNA export adaptors. Biochemical Society Transactions, 2010, 38, 232-236.	3.4	33
27	UIF, a New mRNA Export Adaptor that Works Together with REF/ALY, Requires FACT for Recruitment to mRNA. Current Biology, 2009, 19, 1918-1924.	3.9	120
28	Cyclic Nrarp mRNA expression is regulated by the somitic oscillator but Nrarp protein levels do not oscillate. Developmental Dynamics, 2009, 238, 3043-3055.	1.8	16
29	RNA Interference in Chicken Embryos. , 2009, , 295-314.		0
30	Robo2-Slit1 dependent cell-cell interactions mediate assembly of the trigeminal ganglion. Nature Neuroscience, 2008, 11, 269-276.	14.8	87
31	Mutually exclusive interactions drive handover of mRNA from export adaptors to TAP. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5154-5159.	7.1	158
32	The integrity of a lamin-B1-dependent nucleoskeleton is a fundamental determinant of RNA synthesis in human cells. Journal of Cell Science, 2008, 121, 1014-1024.	2.0	100
33	Structural and functional analysis of RNA and TAP binding to SF2/ASF. EMBO Reports, 2007, 8, 756-762.	4.5	69
34	Assignment of 1H, 13C, and 15N resonances for SF2 RNA recognition motif 2. Journal of Biomolecular NMR, 2007, 38, 193-193.	2.8	1
35	The expression of Fat-1 cadherin during chick limb development. International Journal of Developmental Biology, 2007, 51, 173-176.	0.6	17
36	Regional Morphogenesis in the Hypothalamus: A BMP-Tbx2 Pathway Coordinates Fate and Proliferation through Shh Downregulation. Developmental Cell, 2006, 11, 873-885.	7.0	129

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37	A robust system for RNA interference in the chicken using a modified microRNA operon. Developmental Biology, 2006, 294, 554-563.	2.0	192
38	Molecular basis of RNA recognition and TAP binding by the SR proteins SRp20 and 9G8. EMBO Journal, 2006, 25, 5126-5137.	7.8	140
39	Assignment of 1H, 13C, and 15N resonances for the REF2-I mRNA export factor. Journal of Biomolecular NMR, 2006, 36, 41-41.	2.8	3
40	The solution structure of REF2-I reveals interdomain interactions and regions involved in binding mRNA export factors and RNA. Rna, 2006, 12, 1933-1948.	3.5	44
41	Transcriptome analysis for the chicken based on 19,626 finished cDNA sequences and 485,337 expressed sequence tags. Genome Research, 2005, 15, 174-183.	5.5	79
42	The prototype Î³-2 herpesvirus nucleocytoplasmic shuttling protein, ORF 57, transports viral RNA through the cellular mRNA export pathway. Biochemical Journal, 2005, 387, 295-308.	3.7	69
43	A genetic variation map for chicken with 2.8 million single-nucleotide polymorphisms. Nature, 2004, 432, 717-722.	27.8	391
44	A Simple Method for Improving Protein Solubility and Long-Term Stability. Journal of the American Chemical Society, 2004, 126, 8933-8939.	13.7	382
45	The chicken as a model for large-scale analysis of vertebrate gene function. Nature Reviews Genetics, 2003, 4, 87-98.	16.3	154
46	Epithelial Membrane Proteins Induce Membrane Blebbing and Interact with the P2X7 Receptor C Terminus. Journal of Biological Chemistry, 2002, 277, 34017-34023.	3.4	165
47	A Comprehensive Collection of Chicken cDNAs. Current Biology, 2002, 12, 1965-1969.	3.9	305
48	Structural adaptation to selective pressure for altered ligand specificity in the Pseudomonas aeruginosa amide receptor, AmiC. Protein Engineering, Design and Selection, 2000, 13, 129-132.	2.1	8
49	Cloning and characterization of hIF2, a human homologue of bacterial translation initiation factor 2, and its interaction with HIV-1 matrix. Biochemical Journal, 1999, 342, 97.	3.7	8
50	Cloning and characterization of hIF2, a human homologue of bacterial translation initiation factor 2, and its interaction with HIV-1 matrix. Biochemical Journal, 1999, 342, 97-103.	3.7	25
51	TRIP: a novel double stranded RNA binding protein which interacts with the leucine rich repeat of flightless I. Nucleic Acids Research, 1998, 26, 3460-3467.	14.5	48
52	Oligomerization of the Amide Sensor Protein AmiC by X-ray and Neutron Scattering and Molecular Modeling. Biochemistry, 1997, 36, 8020-8029.	2.5	7
53	Identification of Two New Genes in the Pseudomonasaeruginosa Amidase Operon, Encoding an ATPase (AmiB) and a Putative Integral Membrane Protein (AmiS). Journal of Biological Chemistry, 1995, 270, 18818-18824.	3.4	26
54	Crystallization of and preliminary X-ray data for the negative regulator (AmiC) of the amidase operon of Pseudomonas aeruginosa. Journal of Molecular Biology, 1991, 222, 869-871.	4.2	16