

Stephan Vagner

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

4,329
citations

32
h-index

65
g-index

68
ext. papers

4,977
ext. citations

11.7
avg, IF

5.21
L-index

#	Paper	IF	Citations
59	Reversible and adaptive resistance to BRAF(V600E) inhibition in melanoma. <i>Nature</i> , 2014 , 508, 118-22	50.4	550
58	Molecular mechanisms of eukaryotic pre-mRNA 3' end processing regulation. <i>Nucleic Acids Research</i> , 2010 , 38, 2757-74	20.1	283
57	eIF4F is a nexus of resistance to anti-BRAF and anti-MEK cancer therapies. <i>Nature</i> , 2014 , 513, 105-9	50.4	237
56	Irresistible IRES. Attracting the translation machinery to internal ribosome entry sites. <i>EMBO Reports</i> , 2001 , 2, 893-8	6.5	232
55	G-quadruplexes in RNA biology. <i>Wiley Interdisciplinary Reviews RNA</i> , 2012 , 3, 495-507	9.3	203
54	Widespread estrogen-dependent repression of microRNAs involved in breast tumor cell growth. <i>Cancer Research</i> , 2009 , 69, 8332-40	10.1	200
53	Generation of protein isoform diversity by alternative initiation of translation at non-AUG codons. <i>Biology of the Cell</i> , 2003 , 95, 169-78	3.5	196
52	Alternative translation of the proto-oncogene c-myc by an internal ribosome entry site. <i>Journal of Biological Chemistry</i> , 1997 , 272, 32061-6	5.4	195
51	An interaction between U2AF 65 and CF I(m) links the splicing and 3' end processing machineries. <i>EMBO Journal</i> , 2006 , 25, 4854-64	13	148
50	A single internal ribosome entry site containing a G quartet RNA structure drives fibroblast growth factor 2 gene expression at four alternative translation initiation codons. <i>Journal of Biological Chemistry</i> , 2003 , 278, 39330-6	5.4	137
49	Essential role for the interaction between hnRNP H/F and a G quadruplex in maintaining p53 pre-mRNA 3' end processing and function during DNA damage. <i>Genes and Development</i> , 2011 , 25, 220-5	12.6	117
48	Heterogeneous nuclear ribonucleoprotein A1 is a novel internal ribosome entry site trans-acting factor that modulates alternative initiation of translation of the fibroblast growth factor 2 mRNA. <i>Journal of Biological Chemistry</i> , 2005 , 280, 4144-53	5.4	115
47	Translational control of tumor immune escape via the eIF4F-STAT1-PD-L1 axis in melanoma. <i>Nature Medicine</i> , 2018 , 24, 1877-1886	50.5	109
46	Cytoplasmic relocalization of heterogeneous nuclear ribonucleoprotein A1 controls translation initiation of specific mRNAs. <i>Molecular Biology of the Cell</i> , 2007 , 18, 5048-59	3.5	104
45	Skin tumors induced by sorafenib; paradoxical RAS-RAF pathway activation and oncogenic mutations of HRAS, TP53, and TGFBR1. <i>Clinical Cancer Research</i> , 2012 , 18, 263-72	12.9	103
44	Alternative translation initiation of the Moloney murine leukemia virus mRNA controlled by internal ribosome entry involving the p57/PTB splicing factor. <i>Journal of Biological Chemistry</i> , 1995 , 270, 20376-83	5.4	95
43	Splicing switch of an epigenetic regulator by RNA helicases promotes tumor-cell invasiveness. <i>Nature Structural and Molecular Biology</i> , 2012 , 19, 1139-46	17.6	92

42	Subcellular relocalization of a trans-acting factor regulates XIAP IRES-dependent translation. <i>Molecular Biology of the Cell</i> , 2007 , 18, 1302-11	3.5	90
41	DNA damage: RNA-binding proteins protect from near and far. <i>Trends in Biochemical Sciences</i> , 2014 , 39, 141-9	10.3	76
40	IRESdb: the Internal Ribosome Entry Site database. <i>Nucleic Acids Research</i> , 2003 , 31, 427-8	20.1	69
39	Targeting the deregulated spliceosome core machinery in cancer cells triggers mTOR blockade and autophagy. <i>Cancer Research</i> , 2013 , 73, 2247-58	10.1	61
38	A novel function for the U2AF 65 splicing factor in promoting pre-mRNA 3' end processing. <i>EMBO Reports</i> , 2002 , 3, 869-74	6.5	56
37	Position-dependent inhibition of the cleavage step of pre-mRNA 3' end processing by U1 snRNP. <i>Rna</i> , 2000 , 6, 178-88	5.8	55
36	A physical and functional link between splicing factors promotes pre-mRNA 3' end processing. <i>Nucleic Acids Research</i> , 2009 , 37, 4672-83	20.1	54
35	Exon-based clustering of murine breast tumor transcriptomes reveals alternative exons whose expression is associated with metastasis. <i>Cancer Research</i> , 2010 , 70, 896-905	10.1	53
34	Molecular Characteristics of ERCC1-Negative versus ERCC1-Positive Tumors in Resected NSCLC. <i>Clinical Cancer Research</i> , 2011 , 17, 5562-72	12.9	50
33	Molecular Pathways: The eIF4F Translation Initiation Complex-New Opportunities for Cancer Treatment. <i>Clinical Cancer Research</i> , 2017 , 23, 21-25	12.9	48
32	Persistent Cancer Cells: The Deadly Survivors. <i>Cell</i> , 2020 , 183, 860-874	56.2	47
31	Testosterone regulates FGF-2 expression during testis maturation by an IRES-dependent translational mechanism. <i>FASEB Journal</i> , 2006 , 20, 476-8	0.9	45
30	Occult infection of peripheral B cells by hepatitis C variants which have low translational efficiency in cultured hepatocytes. <i>Gut</i> , 2010 , 59, 934-42	19.2	36
29	Formation of the eIF4F translation-initiation complex determines sensitivity to anticancer drugs targeting the EGFR and HER2 receptors. <i>Cancer Research</i> , 2011 , 71, 4068-73	10.1	36
28	Secondary Tumors Arising in Patients Undergoing BRAF Inhibitor Therapy Exhibit Increased BRAF-CRAF Heterodimerization. <i>Cancer Research</i> , 2016 , 76, 1476-84	10.1	32
27	Characterization of a short isoform of human Tgs1 hypermethylase associating with small nucleolar ribonucleoprotein core proteins and produced by limited proteolytic processing. <i>Journal of Biological Chemistry</i> , 2008 , 283, 2060-9	5.4	32
26	Alternative splicing and breast cancer. <i>RNA Biology</i> , 2010 , 7, 403-11	4.8	29
25	The G-Quadruplex-Specific RNA Helicase DHX36 Regulates p53 Pre-mRNA 3' End Processing Following UV-Induced DNA Damage. <i>Journal of Molecular Biology</i> , 2017 , 429, 3121-3131	6.5	28

24	DNA-Damage Response RNA-Binding Proteins (DDRBP)s: Perspectives from a New Class of Proteins and Their RNA Targets. <i>Journal of Molecular Biology</i> , 2017 , 429, 3139-3145	6.5	28
23	An epitranscriptomic mechanism underlies selective mRNA translation remodelling in melanoma persister cells. <i>Nature Communications</i> , 2019 , 10, 5713	17.4	28
22	Age at cancer onset in germline TP53 mutation carriers: association with polymorphisms in predicted G-quadruplex structures. <i>Carcinogenesis</i> , 2014 , 35, 807-15	4.6	26
21	Vemurafenib cooperates with HPV to promote initiation of cutaneous tumors. <i>Cancer Research</i> , 2014 , 74, 2238-45	10.1	26
20	Genome-wide analysis of host mRNA translation during hepatitis C virus infection. <i>Journal of Virology</i> , 2013 , 87, 6668-77	6.6	20
19	hnRNP A1-mediated translational regulation of the G quadruplex-containing RON receptor tyrosine kinase mRNA linked to tumor progression. <i>Oncotarget</i> , 2016 , 7, 16793-805	3.3	20
18	Translational regulation of the mRNA encoding the ubiquitin peptidase USP1 involved in the DNA damage response as a determinant of Cisplatin resistance. <i>Cell Cycle</i> , 2016 , 15, 295-302	4.7	18
17	The c.5242C>A BRCA1 missense variant induces exon skipping by increasing splicing repressors binding. <i>Breast Cancer Research and Treatment</i> , 2010 , 120, 391-9	4.4	17
16	Post-transcriptional control of gene expression through subcellular relocalization of mRNA binding proteins. <i>Biochemical Pharmacology</i> , 2008 , 76, 1395-403	6	17
15	Regulation of RNA polymerase III transcription during transformation of human IMR90 fibroblasts with defined genetic elements. <i>Cell Cycle</i> , 2018 , 17, 605-615	4.7	15
14	Flavaglines as natural products targeting eIF4A and prohibitins: From traditional Chinese medicine to antiviral activity against coronaviruses. <i>European Journal of Medicinal Chemistry</i> , 2020 , 203, 112653	6.8	15
13	Nucleotide variability and translation efficiency of the 5' untranslated region of hepatitis A virus: update from clinical isolates associated with mild and severe hepatitis. <i>Journal of Virology</i> , 2010 , 84, 10139-47	6.6	14
12	Pharmacological-based translational induction of transgene expression in mammalian cells. <i>EMBO Reports</i> , 2004 , 5, 721-7	6.5	14
11	ZRANB2 and SYF2-mediated splicing programs converging on ECT2 are involved in breast cancer cell resistance to doxorubicin. <i>Nucleic Acids Research</i> , 2020 , 48, 2676-2693	20.1	13
10	The plasticity of mRNA translation during cancer progression and therapy resistance. <i>Nature Reviews Cancer</i> , 2021 , 21, 558-577	31.3	11
9	Synergistic effects of eIF4A and MEK inhibitors on proliferation of NRAS-mutant melanoma cell lines. <i>Cell Cycle</i> , 2016 , 15, 2405-9	4.7	8
8	Decreased efficiency of MSH6 mRNA polyadenylation linked to a 20-base-pair duplication in Lynch syndrome families. <i>Cell Cycle</i> , 2012 , 11, 2578-80	4.7	8
7	Regulation of eIF4F Translation Initiation Complex by the Peptidyl Prolyl Isomerase FKBP7 in Taxane-resistant Prostate Cancer. <i>Clinical Cancer Research</i> , 2019 , 25, 710-723	12.9	8

6	Dramatic response to radiotherapy combined with vemurafenib. Is vemurafenib a radiosensitizer?. <i>European Journal of Dermatology</i> , 2014 , 24, 265-7	0.8	5
5	Boosting Immunity by Targeting Post-translational Prenylation of Small GTPases. <i>Cell</i> , 2018 , 175, 901-903	36.2	3
4	Bioactive Flavaglines: Synthesis and Pharmacology 2015 , 171-198		1
3	Reciprocal Links between Pre-messenger RNA 3'End Processing and Genome Stability. <i>Trends in Biochemical Sciences</i> , 2021 , 46, 579-594	10.3	0
2	detection of the eIF4F translation initiation complex in mammalian cells and tissues. <i>STAR Protocols</i> , 2021 , 2, 100621	1.4	0
1	Discovery of Iminobenzimidazole Derivatives as Novel Cytotoxic Agents. <i>Open Medicinal Chemistry Journal</i> , 2018 , 12, 74-83	1.2	