Davide Ruggero

List of Publications by Year
in descending order

36	5,370	236925 25	377865 34
papers	citations	h-index	g-index

40	40	40	9914
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The translational landscape of mTOR signalling steers cancer initiation and metastasis. Nature, 2012, 485, 55-61.	27.8	1,114
2	Suppression of Myc oncogenic activity by ribosomal protein haploinsufficiency. Nature, 2008, 456, 971-975.	27.8	385
3	Translational Control in Cancer Etiology. Cold Spring Harbor Perspectives in Biology, 2013, 5, a012336-a012336.	5.5	294
4	Targeting the eIF4F Translation Initiation Complex: A Critical Nexus for Cancer Development. Cancer Research, 2015, 75, 250-263.	0.9	291
5	Differential Requirements for eIF4E Dose in Normal Development and Cancer. Cell, 2015, 162, 59-71.	28.9	283
6	New frontiers in translational control of the cancer genome. Nature Reviews Cancer, 2016, 16, 288-304.	28.4	282
7	rRNA Pseudouridylation Defects Affect Ribosomal Ligand Binding and Translational Fidelity from Yeast to Human Cells. Molecular Cell, 2011, 44, 660-666.	9.7	256
8	Myc and mTOR converge on a common node in protein synthesis control that confers synthetic lethality in Myc-driven cancers. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11988-11993.	7.1	210
9	Protein and Nucleotide Biosynthesis Are Coupled by a Single Rate-Limiting Enzyme, PRPS2, to Drive Cancer. Cell, 2014, 157, 1088-1103.	28.9	194
10	Translational Control in Cancer. Cold Spring Harbor Perspectives in Biology, 2019, 11, a032896.	5.5	191
11	Translation control of the immune checkpoint in cancer and its therapeutic targeting. Nature Medicine, 2019, 25, 301-311.	30.7	184
12	Oncogenic KRAS Regulates Amino Acid Homeostasis and Asparagine Biosynthesis via ATF4 and Alters Sensitivity to L-Asparaginase. Cancer Cell, 2018, 33, 91-107.e6.	16.8	158
13	ATF4 couples MYC-dependent translational activity to bioenergetic demands during tumour progression. Nature Cell Biology, 2019, 21, 889-899.	10.3	157
14	The Role of Myc-Induced Protein Synthesis in Cancer. Cancer Research, 2009, 69, 8839-8843.	0.9	156
15	Development of a stress response therapy targeting aggressive prostate cancer. Science Translational Medicine, 2018, 10, .	12.4	124
16	H/ACA Small RNA Dysfunctions in Disease Reveal Key Roles for Noncoding RNA Modifications in Hematopoietic Stem Cell Differentiation. Cell Reports, 2013, 3, 1493-1502.	6.4	109
17	Revisiting the Nucleolus: From Marker to Dynamic Integrator of Cancer Signaling. Science Signaling, 2012, 5, pe38.	3.6	101
18	A single H/ACA small nucleolar RNA mediates tumor suppression downstream of oncogenic RAS. ELife, 2019, 8, .	6.0	89

#	Article	IF	Citations
19	A PERKâ€"miR-211 axis suppresses circadian regulators and protein synthesis to promote cancer cell survival. Nature Cell Biology, 2018, 20, 104-115.	10.3	86
20	ERÎ± is an RNA-binding protein sustaining tumor cell survival and drug resistance. Cell, 2021, 184, 5215-5229.e17.	28.9	76
21	The 4E-BPâ€"eIF4E axis promotes rapamycin-sensitive growth and proliferation in lymphocytes. Science Signaling, 2016, 9, ra57.	3.6	56
22	Nuclear TARBP2 Drives Oncogenic Dysregulation of RNA Splicing and Decay. Molecular Cell, 2019, 75, 967-981.e9.	9.7	54
23	A Legionella pneumophila Kinase Phosphorylates the Hsp70 Chaperone Family to Inhibit Eukaryotic Protein Synthesis. Cell Host and Microbe, 2019, 25, 454-462.e6.	11.0	54
24	Revealing nascent proteomics in signaling pathways and cell differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2353-2358.	7.1	51
25	Cell typeâ€"specific abundance of 4EBP1 primes prostate cancer sensitivity or resistance to PI3K pathway inhibitors. Science Signaling, 2015, 8, ra116.	3.6	37
26	The major cap-binding protein eIF4E regulates lipid homeostasis and diet-induced obesity. Nature Metabolism, 2021, 3, 244-257.	11.9	29
27	A p53-dependent translational program directs tissue-selective phenotypes in a model of ribosomopathies. Developmental Cell, 2021, 56, 2089-2102.e11.	7.0	26
28	Protein synthesis control in cancer: selectivity and therapeutic targeting. EMBO Journal, 2022, 41, e109823.	7.8	24
29	YB-1 and MTA1 protein levels and not DNA or mRNA alterations predict for prostate cancer recurrence. Oncotarget, 2015, 6, 7470-7480.	1.8	23
30	The mTORC1/4E-BP/eIF4E Axis Promotes Antibody Class Switching in B Lymphocytes. Journal of Immunology, 2019, 202, 579-590.	0.8	20
31	A wobbly road to drug resistance in melanoma: <scp>tRNA</scp> â€•modifying enzymes in translation reprogramming. EMBO Journal, 2018, 37, .	7.8	10
32	Revealing molecular pathways for cancer cell fitness through a genetic screen of the cancer translatome. Cell Reports, 2021, 35, 109321.	6.4	8
33	Examining Myc-Dependent Translation Changes in Cellular Homeostasis and Cancer. Methods in Molecular Biology, 2021, 2318, 255-266.	0.9	2
34	A Translation Tuning HuDdle for Neurons. Molecular Cell, 2018, 71, 195-196.	9.7	1
35	Editorial overview: Cell regulation: 1000 Flavors including chocolate and chili peppers. Current Opinion in Cell Biology, 2017, 45, iv-vi.	5.4	0
36	Releasing the brake on protein synthesis in hematopoietic stem cells. Cell Stem Cell, 2021, 28, 1183-1185.	11.1	0