

# Annapina Russo

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,631  
citations

218381

26  
h-index

301761

39  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2036  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ribosomal Proteins Control or Bypass p53 during Nucleolar Stress. International Journal of Molecular Sciences, 2017, 18, 140.	1.8	105
2	Alternative splicing and nonsense-mediated mRNA decay regulate mammalian ribosomal gene expression. Nucleic Acids Research, 2005, 33, 5965-5977.	6.5	104
3	5-FU targets rpL3 to induce mitochondrial apoptosis via cystathionine-Î <sup>2</sup> -synthase in colon cancer cells lacking p53. Oncotarget, 2016, 7, 50333-50348.	0.8	74
4	Biotin-targeted Pluronic Â® P123/F127 mixed micelles delivering niclosamide: A repositioning strategy to treat drug-resistant lung cancer cells. International Journal of Pharmaceutics, 2016, 511, 127-139.	2.6	71
5	rpL3 promotes the apoptosis of p53 mutated lung cancer cells by down-regulating CBS and NFÎ <sup>B</sup> upon 5-FU treatment. Scientific Reports, 2016, 6, 38369.	1.6	68
6	Human rpL3 induces Gâ <sub>1</sub> S arrest or apoptosis by modulating p21<sup>waf1/cip1</sup> levels in a p53-independent manner. Cell Cycle, 2013, 12, 76-87.	1.3	67
7	Ribosome Biogenesis and Cancer: Overview on Ribosomal Proteins. International Journal of Molecular Sciences, 2021, 22, 5496.	1.8	67
8	Therapeutic Approaches Targeting Nucleolus in Cancer. Cells, 2019, 8, 1090.	1.8	60
9	Biodegradable nanoparticles sequentially decorated with Polyethyleneimine and Hyaluronan for the targeted delivery of docetaxel to airway cancer cells. Journal of Nanobiotechnology, 2015, 13, 29.	4.2	58
10	Hybrid Lipid/Polymer Nanoparticles for Pulmonary Delivery of siRNA: Development and Fate Upon <i>In Vitro</i> Deposition on the Human Epithelial Airway Barrier. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2018, 31, 170-181.	0.7	52
11	Regulatory role of rpL3 in cell response to nucleolar stress induced by Act D in tumor cells lacking functional p53. Cell Cycle, 2016, 15, 41-51.	1.3	50
12	Role of uL3 in Multidrug Resistance in p53-Mutated Lung Cancer Cells. International Journal of Molecular Sciences, 2017, 18, 547.	1.8	45
13	Human rpL3 plays a crucial role in cell response to nucleolar stress induced by 5-FU and L-OHP. Oncotarget, 2014, 5, 11737-11751.	0.8	45
14	Enhancement of 5-FU sensitivity by the proapoptotic rpL3 gene in p53 null colon cancer cells through combined polymer nanoparticles. Oncotarget, 2016, 7, 79670-79687.	0.8	44
15	Cysteine Prevents the Reduction in Keratin Synthesis Induced by Iron Deficiency in Human Keratinocytes. Journal of Cellular Biochemistry, 2016, 117, 402-412.	1.2	41
16	Urothelium muscarinic activation phosphorylates CBSSer227 via cGMP/PKG pathway causing human bladder relaxation through H2S production. Scientific Reports, 2016, 6, 31491.	1.6	36
17	hnRNP H1 and intronic G runs in the splicing control of the human rpL3 gene. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2010, 1799, 419-428.	0.9	35
18	Autoregulatory circuit of human rpL3 expression requires hnRNP H1, NPM and KHSRP. Nucleic Acids Research, 2011, 39, 7576-7585.	6.5	35

#	ARTICLE	IF	CITATIONS
19	Inhibition of granuloma-associated angiogenesis by controlling mast cell mediator release: role of mast cell protease-5. <i>British Journal of Pharmacology</i> , 2005, 145, 24-33.	2.7	34
20	Local administration of WIN 55,212-2 reduces chronic granuloma-associated angiogenesis in rat by inhibiting NF- $\kappa$ B activation. <i>Journal of Molecular Medicine</i> , 2007, 85, 635-645.	1.7	32
21	Cannabinoids reduce granuloma-associated angiogenesis in rats by controlling transcription and expression of mast cell protease-5. <i>British Journal of Pharmacology</i> , 2008, 154, 1672-1679.	2.7	31
22	cis-acting sequences and trans-acting factors in the localization of mRNA for mitochondrial ribosomal proteins. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2008, 1779, 820-829.	0.9	31
23	Ribosomal protein L7a binds RNA through two distinct RNA-binding domains. <i>Biochemical Journal</i> , 2005, 385, 289-299.	1.7	30
24	The 3'-untranslated region directs ribosomal protein-encoding mRNAs to specific cytoplasmic regions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 833-843.	1.9	29
25	Palmitoylethanolamide inhibits rMCP-5 expression by regulating MITF activation in rat chronic granulomatous inflammation. <i>European Journal of Pharmacology</i> , 2014, 725, 64-69.	1.7	29
26	Discovery of a Novel Small Molecule Inhibitor Targeting the Frataxin/Ubiquitin Interaction via Structure-Based Virtual Screening and Bioassays. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2861-2873.	2.9	28
27	Backbone modified TBA analogues endowed with antiproliferative activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1213-1221.	1.1	27
28	Thrombin binding aptamer analogues containing inversion of polarity sites endowed with antiproliferative and anti-motility properties against Calu-6 cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2645-2650.	1.1	26
29	Ribosomal protein uL3 targets E2F1 and Cyclin D1 in cancer cell response to nucleolar stress. <i>Scientific Reports</i> , 2019, 9, 15431.	1.6	26
30	Role of uL3 in the Crosstalk between Nucleolar Stress and Autophagy in Colon Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2143.	1.8	23
31	Human Cystathionine- $\beta$ -Synthase Phosphorylation on Serine227 Modulates Hydrogen Sulfide Production in Human Urothelium. <i>PLoS ONE</i> , 2015, 10, e0136859.	1.1	22
32	Integrated Genomics Identifies miR-181/TFAM Pathway as a Critical Driver of Drug Resistance in Melanoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1801.	1.8	20
33	S-Adenosyl-L-Methionine Overcomes uL3-Mediated Drug Resistance in p53 Deleted Colon Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 103.	1.8	20
34	Structural properties and anticoagulant/cytotoxic activities of heterochiral enantiomeric thrombin binding aptamer (TBA) derivatives. <i>Nucleic Acids Research</i> , 2020, 48, 12556-12565.	6.5	19
35	uL3 Mediated Nucleolar Stress Pathway as a New Mechanism of Action of Antiproliferative G-quadruplex TBA Derivatives in Colon Cancer Cells. <i>Biomolecules</i> , 2020, 10, 583.	1.8	19
36	Role of Autophagy in Cancer Cell Response to Nucleolar and Endoplasmic Reticulum Stress. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7334.	1.8	18

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37	The "Janus face" of the thrombin binding aptamer: Investigating the anticoagulant and antiproliferative properties through straightforward chemical modifications. <i>Bioorganic Chemistry</i> , 2018, 76, 202-209.	2.0	17
38	S-Adenosylmethionine Increases the Sensitivity of Human Colorectal Cancer Cells to 5-Fluorouracil by Inhibiting P-Glycoprotein Expression and NF- $\kappa$ B Activation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9286.	1.8	16
39	Ornithine-derived oligomers and dendrimers for <i>in vitro</i> delivery of DNA and <i>ex vivo</i> transfection of skin cells <i>via</i> saRNA. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4940-4949.	2.9	15
40	Photo-control of cancer cell growth by benzodiazole N-substituted pyrrole derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 377, 109-118.	2.0	12
41	Monomolecular G-quadruplex structures with inversion of polarity sites: new topologies and potentiality. <i>Nucleic Acids Research</i> , 2017, 45, 8156-8166.	6.5	11

42