

# Sinisa Volarevic

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

3,690  
citations

201674

27  
h-index

345221

36  
g-index

38  
all docs

38  
docs citations

38  
times ranked

5768  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ribosome biogenesis in cancer: new players and therapeutic avenues. <i>Nature Reviews Cancer</i> , 2018, 18, 51-63.	28.4	524
2	Proliferation, But Not Growth, Blocked by Conditional Deletion of 40S Ribosomal Protein S6. <i>Science</i> , 2000, 288, 2045-2047.	12.6	350
3	PDK1 signaling in oocytes controls reproductive aging and lifespan by manipulating the survival of primordial follicles. <i>Human Molecular Genetics</i> , 2009, 18, 2813-2824.	2.9	219
4	Inactivation of S6 ribosomal protein gene in T lymphocytes activates a p53-dependent checkpoint response. <i>Genes and Development</i> , 2005, 19, 3070-3082.	5.9	185
5	p53 and ribosome biogenesis stress: The essentials. <i>FEBS Letters</i> , 2014, 588, 2571-2579.	2.8	181
6	Nucleolus as an emerging hub in maintenance of genome stability and cancer pathogenesis. <i>Oncogene</i> , 2018, 37, 2351-2366.	5.9	181
7	Mutual protection of ribosomal proteins L5 and L11 from degradation is essential for p53 activation upon ribosomal biogenesis stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20467-20472.	7.1	171
8	Role of S6 phosphorylation and S6 kinase in cell growth. <i>Progress in Molecular Biology and Translational Science</i> , 2000, 65, 101-127.	1.9	157
9	The relationship between the nucleolus and cancer: Current evidence and emerging paradigms. <i>Seminars in Cancer Biology</i> , 2016, 37-38, 36-50.	9.6	149
10	Regulation of TCR signaling by CD45 lacking transmembrane and extracellular domains. <i>Science</i> , 1993, 260, 541-544.	12.6	138
11	Activation of the tumor suppressor p53 upon impairment of ribosome biogenesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 817-830.	3.8	130
12	Ribosomal Protein S6 Gene Haploinsufficiency Is Associated with Activation of a p53-Dependent Checkpoint during Gastrulation. <i>Molecular and Cellular Biology</i> , 2006, 26, 8880-8891.	2.3	122
13	Importin 7 and Exportin 1 Link c-Myc and p53 to Regulation of Ribosomal Biogenesis. <i>Molecular Cell</i> , 2012, 45, 222-232.	9.7	118
14	Intimate association of Thy-1 and the T-cell antigen receptor with the CD45 tyrosine phosphatase.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 7085-7089.	7.1	115
15	Functional interplay between the DNA-damage-response kinase ATM and ARF tumour suppressor protein in human cancer. <i>Nature Cell Biology</i> , 2013, 15, 967-977.	10.3	113
16	The p53 Tumor Suppressor Causes Congenital Malformations in <i>Rpl24</i> -Deficient Mice and Promotes Their Survival. <i>Molecular and Cellular Biology</i> , 2009, 29, 2489-2504.	2.3	96
17	The balance between rRNA and ribosomal protein synthesis up- and downregulates the tumour suppressor p53 in mammalian cells. <i>Oncogene</i> , 2011, 30, 3274-3288.	5.9	92
18	Cdc6 expression represses E-cadherin transcription and activates adjacent replication origins. <i>Journal of Cell Biology</i> , 2011, 195, 1123-1140.	5.2	86

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19	Compartmentalization of growth factor receptor signalling. <i>Current Opinion in Cell Biology</i> , 2005, 17, 107-111.	5.4	84
20	The CD45 tyrosine phosphatase regulates phosphotyrosine homeostasis and its loss reveals a novel pattern of late T cell receptor-induced Ca <sup>2+</sup> oscillations.. <i>Journal of Experimental Medicine</i> , 1992, 176, 835-844.	8.5	80
21	Regulatory module involving FGF13, miR-504, and p53 regulates ribosomal biogenesis and supports cancer cell survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E496-E505.	7.1	59
22	Dominant Negative Variants of the SHP-2 Tyrosine Phosphatase Inhibit Prolactin Activation of Jak2 (Janus Kinase 2) and Induction of Stat5 (Signal Transducer and Activator of Transcription 5)-Dependent Transcription. <i>Molecular Endocrinology</i> , 1998, 12, 556-567.	3.7	58
23	Natural killer T cells in pulmonary disorders. <i>Respiratory Medicine</i> , 2011, 105, S20-S25.	2.9	41
24	S6-Haploinsufficiency Activates the p53 Tumor Suppressor. <i>Cell Cycle</i> , 2007, 6, 20-24.	2.6	37
25	Dysregulated Ribosome Biogenesis Reveals Therapeutic Liabilities in Cancer. <i>Trends in Cancer</i> , 2021, 7, 57-76.	7.4	36
26	Cancer-associated mutations in the ribosomal protein L5 gene dysregulate the HDM2/p53-mediated ribosome biogenesis checkpoint. <i>Oncogene</i> , 2020, 39, 3443-3457.	5.9	33
27	Exogenous BMP7 corrects plasma iron overload and bone loss in <i>Bmp6</i> <sup>-/-</sup> mice. <i>International Orthopaedics</i> , 2015, 39, 161-172.	1.9	29
28	Evidence for Different Mechanisms of Growth Inhibition of T-cell Lymphoma by Phorbol Esters and Concanavalin A. <i>Journal of Biological Chemistry</i> , 1997, 272, 2470-2476.	3.4	21
29	Activation of STAT proteins and cytokine genes in human Th1 and Th2 cells generated in the absence of IL-12 and IL-4. <i>Journal of Immunology</i> , 1998, 160, 3385-92.	0.8	21
30	Deregulation of cell growth and malignant transformation. <i>Croatian Medical Journal</i> , 2005, 46, 622-38.	0.7	21
31	Physical and functional interaction of the TPL2 kinase with nucleophosmin. <i>Oncogene</i> , 2015, 34, 2516-2526.	5.9	15
32	CD45 Is Required for CD40-induced Inhibition of DNA Synthesis and Regulation of c-Jun NH2-terminal Kinase and p38 in BAL-17 B Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 8550-8556.	3.4	10
33	RNA-interference screen for p53 regulators unveils a role of WDR75 in ribosome biogenesis. <i>Cell Death and Differentiation</i> , 2021, , .	11.2	10
34	New insights into HEATR1 functions. <i>Cell Cycle</i> , 2018, 17, 143-144.	2.6	5
35	TPL2-NPM-p53 pathway monitors nucleolar stress. <i>Oncoscience</i> , 2015, 2, 892-893.	2.2	1
36	A 'Continuous Meeting' Type of Biomedical Education in Rijeka, Croatia. <i>Scandinavian Journal of Immunology</i> , 2004, 60, 324-326.	2.7	0

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37	Importin 7 and Exportin 1 Link c-Myc and p53 to Regulation of Ribosomal Biogenesis. <i>Molecular Cell</i> , 2012, 47, 150.	9.7	0