

# Patrizia Lavia

## List of Publications by Year in descending order

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80  
papers

3,345  
citations

109264

35  
h-index

155592

55  
g-index

81  
all docs

81  
docs citations

81  
times ranked

4219  
citing authors

#	ARTICLE	IF	CITATIONS
1	E2F target genes and cell-cycle checkpoint control. <i>BioEssays</i> , 1999, 21, 221-230.	1.2	149
2	Part of Ran Is Associated with AKAP450 at the Centrosome: Involvement in Microtubule-organizing Activity. <i>Molecular Biology of the Cell</i> , 2003, 14, 4260-4271.	0.9	132
3	A Functional Interplay Between Aurora-A, Plk1 and TPX2 at Spindle Poles: Plk1 Controls Centrosomal Localization of Aurora-A and TPX2 Spindle Association. <i>Cell Cycle</i> , 2006, 5, 296-303.	1.3	122
4	p53 Displacement from Centrosomes and p53-mediated G1 Arrest following Transient Inhibition of the Mitotic Spindle. <i>Journal of Biological Chemistry</i> , 2001, 276, 19205-19213.	1.6	107
5	Toward Highly Potent Cancer Agents by Modulating the C-2 Group of the Arylthioindole Class of Tubulin Polymerization Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 123-149.	2.9	107
6	Exposure of normal and transformed cells to nevirapine, a reverse transcriptase inhibitor, reduces cell growth and promotes differentiation. <i>Oncogene</i> , 2003, 22, 2750-2761.	2.6	105
7	p53-Independent Apoptosis and p53-Dependent Block of DNA Rereplication Following Mitotic Spindle Inhibition in Human Cells. <i>Experimental Cell Research</i> , 1999, 250, 339-350.	1.2	94
8	p53 Localization at Centrosomes during Mitosis and Postmitotic Checkpoint Are ATM-dependent and Require Serine 15 Phosphorylation. <i>Molecular Biology of the Cell</i> , 2004, 15, 3751-3757.	0.9	92
9	Spatial control of mitosis by the GTPase Ran. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 1891-1914.	2.4	92
10	Coincident start sites for divergent transcripts at a randomly selected CpG-rich island of mouse.. <i>EMBO Journal</i> , 1987, 6, 2773-2779.	3.5	87
11	Mammalian RanBP1 regulates centrosome cohesion during mitosis. <i>Journal of Cell Science</i> , 2003, 116, 3399-3411.	1.2	84
12	Importin $\beta$ is transported to spindle poles during mitosis and regulates Ran-dependent spindle assembly factors in mammalian cells. <i>Journal of Cell Science</i> , 2004, 117, 6511-6522.	1.2	80
13	New Pyrrole Derivatives with Potent Tubulin Polymerization Inhibiting Activity As Anticancer Agents Including Hedgehog-Dependent Cancer. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6531-6552.	2.9	80
14	Localized RanGTP Accumulation Promotes Microtubule Nucleation at Kinetochores in Somatic Mammalian Cells. <i>Molecular Biology of the Cell</i> , 2008, 19, 1873-1882.	0.9	77
15	PARP inhibitors enhance replication stress and cause mitotic catastrophe in MYCN-dependent neuroblastoma. <i>Oncogene</i> , 2017, 36, 4682-4691.	2.6	73
16	Emerging roles of DNA tumor viruses in cell proliferation: new insights into genomic instability. <i>Oncogene</i> , 2003, 22, 6508-6516.	2.6	71
17	Design and Synthesis of 2-Heterocycl-3-arylthio-1 <i>H</i> -indoles as Potent Tubulin Polymerization and Cell Growth Inhibitors with Improved Metabolic Stability. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8394-8406.	2.9	70
18	The Aurora-A/TPX2 complex: A novel oncogenic holoenzyme?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010, 1806, 230-239.	3.3	68

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19	Control of Aurora-A stability through interaction with TPX2. <i>Journal of Cell Science</i> , 2011, 124, 113-122.	1.2	67
20	Cloning of PC3B, a Novel Member of the PC3/BTG/TOB Family of Growth Inhibitory Genes, Highly Expressed in the Olfactory Epithelium. <i>Genomics</i> , 2000, 68, 253-263.	1.3	66
21	Mitotic Functions of the Ran GTPase Network: the Importance of Being in the Right Place at the Right Time. <i>Cell Cycle</i> , 2004, 3, 303-311.	1.3	62
22	RANBP1 localizes a subset of mitotic regulatory factors on spindle microtubules and regulates chromosome segregation in human cells. <i>Journal of Cell Science</i> , 2007, 120, 3748-3761.	1.2	57
23	Preclinical model in HCC: the SGK1 kinase inhibitor SI113 blocks tumor progression <i>in vitro</i> and <i>in vivo</i> and synergizes with radiotherapy. <i>Oncotarget</i> , 2015, 6, 37511-37525.	0.8	55
24	Sgk1 enhances RANBP1 transcript levels and decreases taxol sensitivity in RKO colon carcinoma cells. <i>Oncogene</i> , 2013, 32, 4572-4578.	2.6	52
25	Importin- $\beta$ 2 negatively regulates multiple aspects of mitosis including RANGAP1 recruitment to kinetochores. <i>Journal of Cell Biology</i> , 2012, 196, 435-450.	2.3	51
26	New Indole Tubulin Assembly Inhibitors Cause Stable Arrest of Mitotic Progression, Enhanced Stimulation of Natural Killer Cell Cytotoxic Activity, and Repression of Hedgehog-Dependent Cancer. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5789-5807.	2.9	51
27	Expression of the murine <i>RanBP1</i> and <i>Htf9-c</i> genes is regulated from a shared bidirectional promoter during cell cycle progression. <i>Biochemical Journal</i> , 1997, 325, 277-286.	1.7	50
28	Aurora-A and ch-TOG act in a common pathway in control of spindle pole integrity. <i>Oncogene</i> , 2008, 27, 6539-6549.	2.6	49
29	A role for endogenous reverse transcriptase in tumorigenesis and as a target in differentiating cancer therapy. <i>Genes Chromosomes and Cancer</i> , 2006, 45, 1-10.	1.5	48
30	Aurora-A inactivation causes mitotic spindle pole fragmentation by unbalancing microtubule-generated forces. <i>Molecular Cancer</i> , 2011, 10, 131.	7.9	48
31	Targeting nuclear transporters in cancer: Diagnostic, prognostic and therapeutic potential. <i>IUBMB Life</i> , 2016, 68, 268-280.	1.5	47
32	Characterization of the opposite-strand genes from the mouse bidirectionally transcribed HTF9 locus. <i>Gene</i> , 1991, 103, 201-209.	1.0	44
33	The GTPase Ran: regulation of cell life and potential roles in cell transformation. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 4097.	3.0	44
34	Circular RNA ZNF609/CKAP5 mRNA interaction regulates microtubule dynamics and tumorigenicity. <i>Molecular Cell</i> , 2022, 82, 75-89.e9.	4.5	39
35	E1A deregulates the centrosome cycle in a Ran GTPase-dependent manner. <i>Cancer Research</i> , 2003, 63, 1430-7.	0.4	39
36	p73 Is Regulated by Phosphorylation at the G2/M Transition. <i>Journal of Biological Chemistry</i> , 2003, 278, 49196-49202.	1.6	37

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37	The Aurora-A inhibitor MLN8237 affects multiple mitotic processes and induces dose-dependent mitotic abnormalities and aneuploidy. <i>Oncotarget</i> , 2014, 5, 6229-6242.	0.8	37
38	A Role of p73 in Mitotic Exit. <i>Journal of Biological Chemistry</i> , 2005, 280, 30354-30360.	1.6	35
39	The housekeeping promoter from the mouse CpG island HTF9 contains multiple protein-binding elements that are functionally redundant. <i>Nucleic Acids Research</i> , 1991, 19, 2817-2824.	6.5	34
40	RanBP1 downregulation sensitizes cancer cells to taxol in a caspase-3-dependent manner. <i>Oncogene</i> , 2009, 28, 1748-1758.	2.6	34
41	Cytosine methylation transforms an E2F site in the retinoblastoma gene promoter into a binding site for the general repressor methylcytosine-binding protein 2 (MeCP2). <i>Nucleic Acids Research</i> , 1999, 27, 2852-2859.	6.5	32
42	Silver staining of the nucleolus organizer regions (NOR) requires clusters of sulfhydryl groups.. <i>Journal of Histochemistry and Cytochemistry</i> , 1982, 30, 908-911.	1.3	30
43	In vitromethylation of CpG-rich islands. <i>Nucleic Acids Research</i> , 1989, 17, 9219-9229.	6.5	30
44	New 6- and 7-heterocycl-1H-indole derivatives as potent tubulin assembly and cancer cell growth inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 283-297.	2.6	30
45	p38 MAPK differentially controls NK activating ligands at transcriptional and post-transcriptional level on multiple myeloma cells. <i>Oncolmmunology</i> , 2017, 6, e1264564.	2.1	29
46	Two E2F Sites Control Growth-regulated and Cell Cycle-regulated Transcription of the Htf9-a/RanBP1 Gene through Functionally Distinct Mechanisms. <i>Journal of Biological Chemistry</i> , 1999, 274, 10339-10348.	1.6	27
47	Activation of human ribosomal genes by 5-azacytidine. <i>Experimental Cell Research</i> , 1983, 145, 452-457.	1.2	24
48	Cell type-specific interactions of transcription factors with a housekeeping promoter in vivo. <i>Nucleic Acids Research</i> , 1993, 21, 2465-2471.	6.5	24
49	The human Per1 gene: genomic organization and promoter analysis of the first human orthologue of the Drosophila period gene. <i>Gene</i> , 2000, 253, 161-170.	1.0	23
50	Identification of small molecule inhibitors of the Aurora-A/TPX2 complex. <i>Oncotarget</i> , 2017, 8, 32117-32133.	0.8	23
51	Normal and cancer-prone human cells respond differently to extremely low frequency magnetic fields. <i>FEBS Letters</i> , 2001, 487, 397-403.	1.3	22
52	Nuclear reformation after mitosis requires downregulation of the Ran GTPase effector RanBP1 in mammalian cells. <i>Chromosoma</i> , 2010, 119, 651-668.	1.0	22
53	Effect of 5-azacytidine (5-azaC) on the induction of chromatid aberrations (CA) and sister-chromatid exchanges (SCE). <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1985, 149, 463-467.	0.4	20
54	The small molecule SI113 synergizes with mitotic spindle poisons in arresting the growth of human glioblastoma multiforme. <i>Oncotarget</i> , 2017, 8, 110743-110755.	0.8	20

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55	Clonal inheritance of rRNA gene activity: Cytological evidence in human cells. <i>Chromosoma</i> , 1981, 84, 345-351.	1.0	19
56	The Mitotic Apparatus and Kinetochores in Microcephaly and Neurodevelopmental Diseases. <i>Cells</i> , 2020, 9, 49.	1.8	19
57	Mitotic cell death induction by targeting the mitotic spindle with tubulin-inhibitory indole derivative molecules. <i>Oncotarget</i> , 2017, 8, 19738-19759.	0.8	19
58	Transcription factors binding to the mouse HTF9 housekeeping promoter differ between cell types. <i>Nucleic Acids Research</i> , 1991, 19, 4451-4458.	6.5	18
59	E2F transcription factors are differentially expressed in murine gametes and early embryos. <i>Mechanisms of Development</i> , 2000, 97, 211-215.	1.7	16
60	Segmental chromosome aberrations converge on overexpression of mitotic spindle regulatory genes in high-risk neuroblastoma. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 545-556.	1.5	16
61	The GTPase RAN regulates multiple steps of the centrosome life cycle. <i>Chromosome Research</i> , 2016, 24, 53-65.	1.0	16
62	Interactions with Single-stranded and Double-stranded DNA-binding Factors and Alternative Promoter Conformation upon Transcriptional Activation of the Htf9-a/RanBP1 and Htf9-c Genes. <i>Journal of Biological Chemistry</i> , 1998, 273, 495-505.	1.6	15
63	Ran control of mitosis in human cells: gradients and local signals. <i>Biochemical Society Transactions</i> , 2010, 38, 1709-1714.	1.6	15
64	Visualization of human karyopherin beta-1/importin beta-1 interactions with protein partners in mitotic cells by co-immunoprecipitation and proximity ligation assays. <i>Scientific Reports</i> , 2018, 8, 1850.	1.6	15
65	Reverse transcriptase inhibitors promote the remodelling of nuclear architecture and induce autophagy in prostate cancer cells. <i>Cancer Letters</i> , 2020, 478, 133-145.	3.2	14
66	Modulation of Cell Differentiation, Proliferation, and Tumor Growth by Dihydrobenzoxypyrimidine Non-Nucleoside Reverse Transcriptase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5927-5936.	2.9	13
67	Subcellular localization of the five members of the human steroid 5 $\alpha$ -reductase family. <i>Biochimie Open</i> , 2017, 4, 99-106.	3.2	11
68	Importin beta and CRM1 control a RANBP2 spatiotemporal switch essential for mitotic kinetochore function. <i>Journal of Cell Science</i> , 2017, 130, 2564-2578.	1.2	9
69	New CRIME plots. <i>EMBO Reports</i> , 2005, 6, 714-716.	2.0	8
70	Importin- $\beta$ /karyopherin- $\beta$ 1 modulates mitotic microtubule function and taxane sensitivity in cancer cells via its nucleoporin-binding region. <i>Oncogene</i> , 2020, 39, 454-468.	2.6	8
71	Different Effects of Histone H1 on DNA Methylation in Vitro Depend on both the DNA Base Composition and the DNA Methyltransferase. <i>Biochemistry</i> , 1996, 35, 11660-11667.	1.2	7
72	Differential gene activity visualized on sister chromatids after replication in the presence of 5-azacytidine. <i>Chromosoma</i> , 1985, 91, 307-312.	1.0	6

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73	Boycott challenges research tactics. Nature, 2013, 501, 316-316.	13.7	4
74	RAN (RAN, member RAS oncogene family). Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2011, , .	0.1	1
75	Effects of Potassium Cyanide on Silver Stainability of Specific Cell Structures. Biotechnic & Histochemistry, 1982, 57, 259-263.	0.4	0
76	KPNB1 (karyopherin (importin) beta 1). Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2013, , .	0.1	0
77	RANBP2 (RAN binding protein 2). Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2017, , .	0.1	0
78	Mitotic Control by Ran and RanBP1 in Mammalian Cells. , 2001, , 145-162.		0
79	XPO1 (exportin 1 (CRM1 homolog, yeast)). Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2012, , .	0.1	0
80	Immunofluorescence Methods in Studies of the GTPase Ran and Its Effectors in Interphase and in Mitotic Cells. Methods in Molecular Biology, 2014, 1120, 241-252.	0.4	0