

# Arnaud Besson

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6988596/arnaud-besson-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

54  
papers

3,664  
citations

24  
h-index

60  
g-index

67  
ext. papers

4,133  
ext. citations

8  
avg, IF

5.27  
L-index

#	Paper	IF	Citations
54	CDK inhibitors: cell cycle regulators and beyond. <i>Developmental Cell</i> , <b>2008</b> , 14, 159-69	10.2	812
53	p27Kip1 modulates cell migration through the regulation of RhoA activation. <i>Genes and Development</i> , <b>2004</b> , 18, 862-76	12.6	408
52	p27kip1 independently promotes neuronal differentiation and migration in the cerebral cortex. <i>Genes and Development</i> , <b>2006</b> , 20, 1511-24	12.6	289
51	A pathway in quiescent cells that controls p27Kip1 stability, subcellular localization, and tumor suppression. <i>Genes and Development</i> , <b>2006</b> , 20, 47-64	12.6	172
50	Regulation of the cytoskeleton: an oncogenic function for CDK inhibitors?. <i>Nature Reviews Cancer</i> , <b>2004</b> , 4, 948-55	31.3	165
49	Discovery of an oncogenic activity in p27Kip1 that causes stem cell expansion and a multiple tumor phenotype. <i>Genes and Development</i> , <b>2007</b> , 21, 1731-46	12.6	158
48	Interleukin-1 is a key regulator of matrix metalloproteinase-9 expression in human neurons in culture and following mouse brain trauma in vivo. <i>Journal of Neuroscience Research</i> , <b>2000</b> , 61, 212-24	4.4	158
47	The anchoring protein RACK1 links protein kinase Cepsilon to integrin beta chains. Requirements for adhesion and motility. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 22073-84	5.4	145
46	Exploitation of astrocytes by glioma cells to facilitate invasiveness: a mechanism involving matrix metalloproteinase-2 and the urokinase-type plasminogen activator-plasmin cascade. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 4034-43	6.6	141
45	Involvement of p21(Waf1/Cip1) in protein kinase C alpha-induced cell cycle progression. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 4580-90	4.8	106
44	PTEN/MMAC1/TEP1 in signal transduction and tumorigenesis. <i>FEBS Journal</i> , <b>1999</b> , 263, 605-11		105
43	Coupling cell cycle exit, neuronal differentiation and migration in cortical neurogenesis. <i>Cell Cycle</i> , <b>2006</b> , 5, 2314-8	4.7	88
42	Differential activation of ERKs to focal adhesions by PKC epsilon is required for PMA-induced adhesion and migration of human glioma cells. <i>Oncogene</i> , <b>2001</b> , 20, 7398-407	9.2	80
41	p27(Kip1) is a microtubule-associated protein that promotes microtubule polymerization during neuron migration. <i>Developmental Cell</i> , <b>2012</b> , 23, 729-44	10.2	74
40	Astrocytes attenuate oligodendrocyte death in vitro through an alpha(6) integrin-laminin-dependent mechanism. <i>Glia</i> , <b>2001</b> , 36, 281-94	9	69
39	p27Kip1 represses transcription by direct interaction with p130/E2F4 at the promoters of target genes. <i>Oncogene</i> , <b>2012</b> , 31, 4207-20	9.2	64
38	Cytoplasmic p27 is oncogenic and cooperates with Ras both in vivo and in vitro. <i>Oncogene</i> , <b>2011</b> , 30, 2846-58		57

37	Fabrication of 3D scaffolds reproducing intestinal epithelium topography by high-resolution 3D stereolithography. <i>Biomaterials</i> , <b>2019</b> , 221, 119404	15.6	52
36	Oncogenic FLT3-ITD supports autophagy via ATF4 in acute myeloid leukemia. <i>Oncogene</i> , <b>2018</b> , 37, 787-797	9.2	49
35	p27Kip1 and p21Cip1 collaborate in the regulation of transcription by recruiting cyclin-Cdk complexes on the promoters of target genes. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 6860-73	20.1	42
34	p27(Kip1) controls cytokinesis via the regulation of citron kinase activation. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 844-58	15.9	40
33	Mitogenic signaling and the relationship to cell cycle regulation in astrocytomas. <i>Journal of Neuro-Oncology</i> , <b>2001</b> , 51, 245-64	4.8	33
32	p27 promotes invadopodia turnover and invasion through the regulation of the PAK1/Cortactin pathway. <i>ELife</i> , <b>2017</b> , 6,	8.9	31
31	CyclinD-CDK4/6 complexes phosphorylate CDC25A and regulate its stability. <i>Oncogene</i> , <b>2017</b> , 36, 3781-3788	37.88	29
30	Rho/ROCK pathway inhibition by the CDK inhibitor p27(kip1) participates in the onset of macrophage 3D-mesenchymal migration. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 4009-23	5.3	24
29	p27 controls Ragulator and mTOR activity in amino acid-deprived cells to regulate the autophagy-lysosomal pathway and coordinate cell cycle and cell growth. <i>Nature Cell Biology</i> , <b>2020</b> , 22, 1076-1090	23.4	23
28	Cortactin function in invadopodia. <i>Small GTPases</i> , <b>2020</b> , 11, 256-270	2.7	21
27	Oct1 is required for mTOR-induced G1 cell cycle arrest via the control of p27(Kip1) expression. <i>Cell Cycle</i> , <b>2010</b> , 9, 3933-44	4.7	18
26	Functional Versatility of the CDK Inhibitor p57. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 584590	5.9	18
25	p27 Modulates Axonal Transport by Regulating $\beta$ -Tubulin Acetyltransferase 1 Stability. <i>Cell Reports</i> , <b>2018</b> , 23, 2429-2442	10.6	17
24	BCR-ABL1 promotes leukemia by converting p27 into a cytoplasmic oncoprotein. <i>Blood</i> , <b>2014</b> , 124, 3260-73	2.3	16
23	Eph-mediated tyrosine phosphorylation of citron kinase controls abscission. <i>Journal of Cell Biology</i> , <b>2016</b> , 214, 555-69	7.3	15
22	Loss of p27Kip1 promotes metaplasia in the pancreas via the regulation of Sox9 expression. <i>Oncotarget</i> , <b>2015</b> , 6, 35880-92	3.3	14
21	Mapping Interactions between p27 and RhoA that Stimulate Cell Migration. <i>Journal of Molecular Biology</i> , <b>2018</b> , 430, 751-758	6.5	11
20	p57(Kip2) knock-in mouse reveals CDK-independent contribution in the development of Beckwith-Wiedemann syndrome. <i>Journal of Pathology</i> , <b>2016</b> , 239, 250-61	9.4	11

19	In vitro models of intestinal epithelium: Toward bioengineered systems. <i>Journal of Tissue Engineering</i> , <b>2021</b> , 12, 2041731420985202	7.5	11
18	PTMselect: optimization of protein modifications discovery by mass spectrometry. <i>Scientific Reports</i> , <b>2019</b> , 9, 4181	4.9	9
17	ChIP-Seq analysis identifies p27(Kip1)-target genes involved in cell adhesion and cell signalling in mouse embryonic fibroblasts. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187891	3.7	9
16	Inhibition of ubiquitin-specific protease 7 sensitizes acute myeloid leukemia to chemotherapy. <i>Leukemia</i> , <b>2021</b> , 35, 417-432	10.7	9
15	p27 represses the Pitx2-mediated expression of p21 and regulates DNA replication during cell cycle progression. <i>Oncogene</i> , <b>2017</b> , 36, 350-361	9.2	8
14	p27 regulates the microtubule bundling activity of PRC1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2018</b> , 1865, 1630-1639	4.9	8
13	Phosphorylation of CDC25A on SER283 in late S/G2 by CDK/cyclin complexes accelerates mitotic entry. <i>Cell Cycle</i> , <b>2016</b> , 15, 2742-52	4.7	7
12	Evidence That Regulation of Pri-miRNA/miRNA Expression Is Not a General Rule of miPEPs Function in Humans. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
11	p27 controls autophagic vesicle trafficking in glucose-deprived cells via the regulation of ATAT1-mediated microtubule acetylation. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 481	9.8	6
10	p27 regulates alpha-synuclein expression. <i>Oncotarget</i> , <b>2018</b> , 9, 16368-16379	3.3	5
9	Cytoplasmic p27 promotes tumorigenesis via suppression of RhoB activity. <i>Journal of Pathology</i> , <b>2019</b> , 247, 60-71	9.4	5
8	CDKN1B/p27 regulates autophagy via the control of Ragulator and MTOR activity in amino acid-deprived cells. <i>Autophagy</i> , <b>2020</b> , 16, 2297-2298	10.2	4
7	Membrane expression of the estrogen receptor ER $\alpha$ is required for intercellular communications in the mammary epithelium. <i>Development (Cambridge)</i> , <b>2020</b> , 147,	6.6	4
6	A PIM-CHK1 signaling pathway regulates PLK1 phosphorylation and function during mitosis. <i>Journal of Cell Science</i> , <b>2018</b> , 131,	5.3	4
5	STAT5-dependent regulation of CDC25A by miR-16 controls proliferation and differentiation in FLT3-ITD acute myeloid leukemia. <i>Scientific Reports</i> , <b>2020</b> , 10, 1906	4.9	2
4	Small ORFs as New Regulators of Pri-miRNAs and miRNAs Expression in Human and Drosophila. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5764	6.3	2
3	Interleukin-1 is a key regulator of matrix metalloproteinase-9 expression in human neurons in culture and following mouse brain trauma in vivo <b>2000</b> , 61, 212		1
2	R47: p27Kip1 contrôle la cytotocinèse via la régulation de l'activité de citron-kinase. <i>Bulletin Du Cancer</i> , <b>2010</b> , 97, S34	2.4	

- 1 A high-throughput protocol for monitoring starvation-induced autophagy in real time in mouse embryonic fibroblasts. *STAR Protocols*, **2021**, 2, 100966

1.4