

# Pierre Roux

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,767  
citations

331670

21  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of p53 promotes RhoA-ROCK-dependent cell migration and invasion in 3D matrices. <i>Journal of Cell Biology</i> , 2007, 178, 23-30.	5.2	213
2	DNA damage checkpoint kinase Chk2 triggers replicative senescence. <i>EMBO Journal</i> , 2004, 23, 2554-2563.	7.8	167
3	RhoG GTPase Controls a Pathway That Independently Activates Rac1 and Cdc42Hs. <i>Molecular Biology of the Cell</i> , 1998, 9, 1379-1394.	2.1	152
4	Raf-MEK-Erk Cascade in Anoikis Is Controlled by Rac1 and Cdc42 via Akt. <i>Molecular and Cellular Biology</i> , 2001, 21, 6706-6717.	2.3	108
5	ZNF217 Is a Marker of Poor Prognosis in Breast Cancer That Drives Epithelial-Mesenchymal Transition and Invasion. <i>Cancer Research</i> , 2012, 72, 3593-3606.	0.9	107
6	Control of cell migration: a tumour suppressor function for p53?. <i>Biology of the Cell</i> , 2006, 98, 141-152.	2.0	104
7	Critical Activities of Rac1 and Cdc42Hs in Skeletal Myogenesis: Antagonistic Effects of JNK and p38 Pathways. <i>Molecular Biology of the Cell</i> , 2000, 11, 2513-2528.	2.1	101
8	The small GTPases Cdc42Hs, Rac1 and RhoG delineate Raf-independent pathways that cooperate to transform NIH3T3 cells. <i>Current Biology</i> , 1997, 7, 629-637.	3.9	100
9	Gain of oncogenic function of p53 mutants regulates E-cadherin expression uncoupled from cell invasion in colon cancer cells. <i>Journal of Cell Science</i> , 2010, 123, 1295-1305.	2.0	92
10	Regulation of Cdc42-mediated morphological effects: a novel function for p53. <i>EMBO Journal</i> , 2002, 21, 2373-2382.	7.8	89
11	Cerebellar granule cell survival and maturation induced by K <sup>+</sup> and NMDA correlate with c-fos proto-oncogene expression. <i>Neuroscience Letters</i> , 1989, 107, 55-62.	2.1	60
12	Differential Effect of Rac and Cdc42 on p38 Kinase Activity and Cell Cycle Progression of Nonadherent Primary Mouse Fibroblasts. <i>Journal of Biological Chemistry</i> , 2000, 275, 5911-5917.	3.4	55
13	The p53 Isoform $\Delta 133$ Promotes Cancer Stem Cell Potential. <i>Stem Cell Reports</i> , 2015, 4, 531-540.	4.8	55
14	$\Delta 133$ p53 isoform promotes tumour invasion and metastasis via interleukin-6 activation of JAK-STAT and RhoA-ROCK signalling. <i>Nature Communications</i> , 2018, 9, 254.	12.8	55
15	TNF $\alpha$ induces sequential activation of Cdc42- and p38/p53-dependent pathways that antagonistically regulate filopodia formation. <i>Journal of Cell Science</i> , 2004, 117, 6355-6364.	2.0	45
16	TP53 drives invasion through expression of its $\Delta 133$ variant. <i>ELife</i> , 2016, 5, .	6.0	44
17	Extinction of Rac1 and Cdc42Hs signalling defines a novel p53-dependent apoptotic pathway. <i>Oncogene</i> , 2000, 19, 2377-2385.	5.9	34
18	Long-term expression of the c-fos protein during the in vitro differentiation of cerebellar granule cells induced by potassium or NMDA. <i>Molecular Brain Research</i> , 1992, 12, 249-258.	2.3	32

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19	Activation of ERK, Controlled by Rac1 and Cdc42 via Akt, Is Required for Anoikis. <i>Annals of the New York Academy of Sciences</i> , 2002, 973, 145-148.	3.8	32
20	Participation of small GTPases Rac1 and Cdc42Hs in myoblast transformation. <i>Oncogene</i> , 2002, 21, 2901-2907.	5.9	31
21	The p53 isoform $\Delta 133p53^{\Delta Y}$ regulates cancer cell apoptosis in a RhoB-dependent manner. <i>PLoS ONE</i> , 2017, 12, e0172125.	2.5	23
22	Eroded human telomeres are more prone to remain uncapped and to trigger a G2 checkpoint response. <i>Nucleic Acids Research</i> , 2013, 41, 900-911.	14.5	21
23	$\Delta 133p53^{\Delta Y}$ isoform pro-invasive activity is regulated through an aggregation-dependent mechanism in cancer cells. <i>Nature Communications</i> , 2021, 12, 5463.	12.8	17
24	Analysis of Cell Migration and Its Regulation by Rho GTPases and p53 in a Three-dimensional Environment. <i>Methods in Enzymology</i> , 2008, 439, 413-424.	1.0	11
25	Postprandial triglyceride-rich lipoproteins promote invasion of human coronary artery smooth muscle cells in a fatty-acid manner through PI3k-Rac1-JNK signaling. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1349-1364.	3.3	11
26	p53, A Victim of the Prion Fashion. <i>Cancers</i> , 2021, 13, 269.	3.7	8