Pierre Roux

List of Publications by Year
in descending order

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	p53, A Victim of the Prion Fashion. Cancers, 2021, 13, 269.	3.7	8
2	Î”133p53Î² isoform pro-invasive activity is regulated through an aggregation-dependent mechanism in cancer cells. Nature Communications, 2021, 12, 5463.	12.8	17
3	âˆ†133p53 isoform promotes tumour invasion and metastasis via interleukin-6 activation of JAK-STAT and RhoA-ROCK signalling. Nature Communications, 2018, 9, 254.	12.8	55
4	The p53 isoform delta133p53ÃŸ regulates cancer cell apoptosis in a RhoB-dependent manner. PLoS ONE, 2017, 12, e0172125.	2.5	23
5	TP53 drives invasion through expression of its Î”133p53Î² variant. ELife, 2016, 5, .	6.0	44
6	The p53 Isoform Î”133p53Î² Promotes Cancer Stem Cell Potential. Stem Cell Reports, 2015, 4, 531-540.	4.8	55
7	Postprandial triglyceride-rich lipoproteins promote invasion of human coronary artery smooth muscle cells in a fatty-acid manner through PI3k-Rac1-JNK signaling. Molecular Nutrition and Food Research, 2014, 58, 1349-1364.	3.3	11
8	Eroded human telomeres are more prone to remain uncapped and to trigger a G2 checkpoint response. Nucleic Acids Research, 2013, 41, 900-911.	14.5	21
9	ZNF217 Is a Marker of Poor Prognosis in Breast Cancer That Drives Epithelialâ€“Mesenchymal Transition and Invasion. Cancer Research, 2012, 72, 3593-3606.	0.9	107
10	Gain of oncogenic function of p53 mutants regulates E-cadherin expression uncoupled from cell invasion in colon cancer cells. Journal of Cell Science, 2010, 123, 1295-1305.	2.0	92
11	Analysis of Cell Migration and Its Regulation by Rho GTPases and p53 in a Threeâ€Dimensional Environment. Methods in Enzymology, 2008, 439, 413-424.	1.0	11
12	Loss of p53 promotes RhoAâ€“ROCK-dependent cell migration and invasion in 3D matrices. Journal of Cell Biology, 2007, 178, 23-30.	5.2	213
13	Control of cell migration: a tumour suppressor function for p53?. Biology of the Cell, 2006, 98, 141-152.	2.0	104
14	TNFÎ± induces sequential activation of Cdc42- and p38/p53-dependent pathways that antagonistically regulate filopodia formation. Journal of Cell Science, 2004, 117, 6355-6364.	2.0	45
15	DNA damage checkpoint kinase Chk2 triggers replicative senescence. EMBO Journal, 2004, 23, 2554-2563.	7.8	167
16	Participation of small GTPases Rac1 and Cdc42Hs in myoblast transformation. Oncogene, 2002, 21, 2901-2907.	5.9	31
17	Activation of ERK, Controlled by Rac1 and Cdc42 via Akt, Is Required for Anoikis. Annals of the New York Academy of Sciences, 2002, 973, 145-148.	3.8	32
18	Regulation of Cdc42-mediated morphological effects: a novel function for p53. EMBO Journal, 2002, 21, 2373-2382.	7.8	89

#	Article	IF	Citations
19	Raf-MEK-Erk Cascade in Anoikis Is Controlled by Rac1 and Cdc42 via Akt. Molecular and Cellular Biology, 2001, 21, 6706-6717.	2.3	108
20	Extinction of Rac1 and Cdc42Hs signalling defines a novel p53-dependent apoptotic pathway. Oncogene, 2000, 19, 2377-2385.	5.9	34
21	Differential Effect of Rac and Cdc42 on p38 Kinase Activity and Cell Cycle Progression of Nonadherent Primary Mouse Fibroblasts. Journal of Biological Chemistry, 2000, 275, 5911-5917.	3.4	55
22	Critical Activities of Rac1 and Cdc42Hs in Skeletal Myogenesis: Antagonistic Effects of JNK and p38 Pathways. Molecular Biology of the Cell, 2000, 11, 2513-2528.	2.1	101
23	RhoG GTPase Controls a Pathway That Independently Activates Rac1 and Cdc42Hs. Molecular Biology of the Cell, 1998, 9, 1379-1394.	2.1	152
24	The small GTPases Cdc42Hs, Rac1 and RhoG delineate Raf-independent pathways that cooperate to transform NIH3T3 cells. Current Biology, 1997, 7, 629-637.	3.9	100
25	Long-term expression of the c-fos protein during the in vitro differentiation of cerebellar granule cells induced by potassium or NMDA. Molecular Brain Research, 1992, 12, 249-258.	2.3	32
26	Cerebellar granule cell survival and maturation induced by K+ and NMDA correlate with c-fos proto-oncogene expression. Neuroscience Letters, 1989, 107, 55-62.	2.1	60