

# Philippe Fort

## List of Publications by Citations

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107  
papers

7,722  
citations

41  
h-index

87  
g-index

114  
ext. papers

8,153  
ext. citations

7.5  
avg, IF

5.16  
L-index

#	Paper	IF	Citations
107	Various rat adult tissues express only one major mRNA species from the glyceraldehyde-3-phosphate-dehydrogenase multigenic family. <i>Nucleic Acids Research</i> , <b>1985</b> , 13, 1431-42	20.1	2012
106	Post-transcriptional regulation of glyceraldehyde-3-phosphate-dehydrogenase gene expression in rat tissues. <i>Nucleic Acids Research</i> , <b>1984</b> , 12, 6951-63	20.1	453
105	Comparative genomics: Insecticide resistance in mosquito vectors. <i>Nature</i> , <b>2003</b> , 423, 136-7	50.4	425
104	Evolution of the Rho family of ras-like GTPases in eukaryotes. <i>Molecular Biology and Evolution</i> , <b>2007</b> , 24, 203-16	8.3	311
103	Worldwide migration of amplified insecticide resistance genes in mosquitoes. <i>Nature</i> , <b>1991</b> , 350, 151-3	50.4	249
102	Regulation of c-fos gene expression in hamster fibroblasts: initiation and elongation of transcription and mRNA degradation. <i>Nucleic Acids Research</i> , <b>1987</b> , 15, 5657-67	20.1	225
101	A novel acetylcholinesterase gene in mosquitoes codes for the insecticide target and is non-homologous to the ace gene in <i>Drosophila</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2002</b> , 269, 2007-16	4.4	200
100	RhoG GTPase controls a pathway that independently activates Rac1 and Cdc42Hs. <i>Molecular Biology of the Cell</i> , <b>1998</b> , 9, 1379-94	3.5	147
99	S26 ribosomal protein RNA: an invariant control for gene regulation experiments in eucaryotic cells and tissues. <i>Nucleic Acids Research</i> , <b>1993</b> , 21, 1498	20.1	144
98	Sequence of a human immunoglobulin gamma 3 heavy chain constant region gene: comparison with the other human C gamma genes. <i>Nucleic Acids Research</i> , <b>1986</b> , 14, 1779-89	20.1	140
97	The Human Rho-GEF trio and its target GTPase RhoG are involved in the NGF pathway, leading to neurite outgrowth. <i>Current Biology</i> , <b>2002</b> , 12, 307-12	6.3	129
96	Raf-MEK-Erk cascade in anoikis is controlled by Rac1 and Cdc42 via Akt. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 6706-17	4.8	103
95	Complete nucleotide sequence of the messenger RNA coding for chicken muscle glyceraldehyde-3-phosphate dehydrogenase. <i>Biochemical and Biophysical Research Communications</i> , <b>1984</b> , 118, 767-73	3.4	102
94	Characterization of TCL, a new GTPase of the rho family related to TC10 and Cdc42. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 36457-64	5.4	100
93	The small GTPases Cdc42Hs, Rac1 and RhoG delineate Raf-independent pathways that cooperate to transform NIH3T3 cells. <i>Current Biology</i> , <b>1997</b> , 7, 629-37	6.3	97
92	Critical activities of Rac1 and Cdc42Hs in skeletal myogenesis: antagonistic effects of JNK and p38 pathways. <i>Molecular Biology of the Cell</i> , <b>2000</b> , 11, 2513-28	3.5	95
91	MBNL1 and RBFOX2 cooperate to establish a splicing programme involved in pluripotent stem cell differentiation. <i>Nature Communications</i> , <b>2013</b> , 4, 2480	17.4	89

90	Tail regression in <i>Ciona intestinalis</i> (Prochordate) involves a Caspase-dependent apoptosis event associated with ERK activation. <i>Development (Cambridge)</i> , <b>2002</b> , 129, 3105-3114	6.6	89
89	A fluorescent reporter gene as a marker for ventricular specification in ES-derived cardiac cells. <i>FEBS Letters</i> , <b>2000</b> , 478, 151-8	3.8	85
88	Fossil rhabdoviral sequences integrated into arthropod genomes: ontogeny, evolution, and potential functionality. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 381-90	8.3	84
87	A cell active chemical GEF inhibitor selectively targets the Trio/RhoG/Rac1 signaling pathway. <i>Chemistry and Biology</i> , <b>2009</b> , 16, 657-66		83
86	Expression profile of RhoGTPases and RhoGEFs during RANKL-stimulated osteoclastogenesis: identification of essential genes in osteoclasts. <i>Journal of Bone and Mineral Research</i> , <b>2006</b> , 21, 1387-98	6.3	73
85	Distinct roles of Rac1/Cdc42 and Rho/Rock for axon outgrowth and nucleokinesis of precerebellar neurons toward netrin 1. <i>Development (Cambridge)</i> , <b>2004</b> , 131, 2841-52	6.6	73
84	Kinectin is a key effector of RhoG microtubule-dependent cellular activity. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 8022-34	4.8	69
83	Transposable element polymorphism of <i>Wolbachia</i> in the mosquito <i>Culex pipiens</i> : evidence of genetic diversity, superinfection and recombination. <i>Molecular Ecology</i> , <b>2005</b> , 14, 1561-73	5.7	68
82	Insecticide resistance: a silent base prediction. <i>Current Biology</i> , <b>2004</b> , 14, R552-3	6.3	65
81	Characterization of the transcription products of glyceraldehyde 3-phosphate-dehydrogenase gene in HeLa cells. <i>FEBS Journal</i> , <b>1984</b> , 145, 299-304		63
80	The tissue-specific RNA binding protein T-STAR controls regional splicing patterns of neurexin pre-mRNAs in the brain. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003474	6	58
79	Applying ecological and evolutionary theory to cancer: a long and winding road. <i>Evolutionary Applications</i> , <b>2013</b> , 6, 1-10	4.8	57
78	The GTP/GDP cycling of rho GTPase TCL is an essential regulator of the early endocytic pathway. <i>Molecular Biology of the Cell</i> , <b>2003</b> , 14, 4846-56	3.5	54
77	The gene for a new brain specific RhoA exchange factor maps to the highly unstable chromosomal region 1p36.2-1p36.3. <i>Oncogene</i> , <b>2001</b> , 20, 7307-17	9.2	54
76	Nucleotide sequence and complementation analysis of a polycistronic sporulation operon, spoVA, in <i>Bacillus subtilis</i> . <i>Microbiology (United Kingdom)</i> , <b>1985</b> , 131, 1091-105	2.9	54
75	Tara up-regulates E-cadherin transcription by binding to the Trio RhoGEF and inhibiting Rac signaling. <i>Journal of Cell Biology</i> , <b>2011</b> , 193, 319-32	7.3	52
74	A dual role of the GTPase Rac in cardiac differentiation of stem cells. <i>Molecular Biology of the Cell</i> , <b>2003</b> , 14, 2781-92	3.5	52
73	Variability and expression of ankyrin domain genes in <i>Wolbachia</i> variants infecting the mosquito <i>Culex pipiens</i> . <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 4442-8	3.5	50

72	Cdc42Hs and Rac1 GTPases induce the collapse of the vimentin intermediate filament network. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 33046-52	5.4	50
71	Cloning and regulation of a mRNA specifically expressed in the preadipose state. <i>Journal of Biological Chemistry</i> , <b>1989</b> , 264, 10119-25	5.4	48
70	Duplicated sporulation genes in bacteria. <i>FEBS Letters</i> , <b>1985</b> , 188, 184-188	3.8	47
69	Evolution of proteasome regulators in eukaryotes. <i>Genome Biology and Evolution</i> , <b>2015</b> , 7, 1363-79	3.9	45
68	Hypervariable prophage WO sequences describe an unexpected high number of Wolbachia variants in the mosquito <i>Culex pipiens</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2006</b> , 273, 495-502	4.4	45
67	RhoG regulates gene expression and the actin cytoskeleton in lymphocytes. <i>Oncogene</i> , <b>2003</b> , 22, 330-42	9.2	44
66	Influence of aging on cytoplasmic incompatibility, sperm modification and Wolbachia density in <i>Culex pipiens</i> mosquitoes. <i>Heredity</i> , <b>2007</b> , 98, 368-74	3.6	41
65	Antagonistic functions of LMNA isoforms in energy expenditure and lifespan. <i>EMBO Reports</i> , <b>2014</b> , 15, 529-39	6.5	40
64	Multiple Wolbachia determinants control the evolution of cytoplasmic incompatibilities in <i>Culex pipiens</i> mosquito populations. <i>Molecular Ecology</i> , <b>2011</b> , 20, 286-98	5.7	40
63	The small GTPase RhoV is an essential regulator of neural crest induction in <i>Xenopus</i> . <i>Developmental Biology</i> , <b>2007</b> , 310, 113-28	3.1	40
62	Wolbachia divergence and the evolution of cytoplasmic incompatibility in <i>Culex pipiens</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e87336	3.7	38
61	Identification of TRIO-GEFD1 chemical inhibitors using the yeast exchange assay. <i>Biology of the Cell</i> , <b>2006</b> , 98, 511-22	3.5	37
60	Trio controls the mature organization of neuronal clusters in the hindbrain. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 10323-32	6.6	36
59	Complete sequence of cytochrome P450 3c cDNA and presence of two mRNA species with 3T untranslated regions of different lengths. <i>DNA and Cell Biology</i> , <b>1988</b> , 7, 39-46		34
58	Extinction of rac1 and Cdc42Hs signalling defines a novel p53-dependent apoptotic pathway. <i>Oncogene</i> , <b>2000</b> , 19, 2377-85	9.2	33
57	Tail regression in <i>Ciona intestinalis</i> (Prochordate) involves a Caspase-dependent apoptosis event associated with ERK activation. <i>Development (Cambridge)</i> , <b>2002</b> , 129, 3105-14	6.6	33
56	The RPAP3-Cterminal domain identifies R2TP-like quaternary chaperones. <i>Nature Communications</i> , <b>2018</b> , 9, 2093	17.4	32
55	Participation of small GTPases Rac1 and Cdc42Hs in myoblast transformation. <i>Oncogene</i> , <b>2002</b> , 21, 2901-7	9.2	31

54	MiniSOX9, a dominant-negative variant in colon cancer cells. <i>Oncogene</i> , <b>2011</b> , 30, 2493-503	9.2	29
53	Activity of the RhoU/Wrch1 GTPase is critical for cranial neural crest cell migration. <i>Developmental Biology</i> , <b>2011</b> , 350, 451-63	3.1	28
52	A simple luciferase assay for signal transduction activity detection of epidermal growth factor displayed on phage. <i>Nucleic Acids Research</i> , <b>1997</b> , 25, 1585-90	20.1	28
51	A presumptive developmental role for a sea urchin cyclin B splice variant. <i>Journal of Cell Biology</i> , <b>1998</b> , 140, 283-93	7.3	28
50	Activation of ERK, controlled by Rac1 and Cdc42 via Akt, is required for anoikis. <i>Annals of the New York Academy of Sciences</i> , <b>2002</b> , 973, 145-8	6.5	27
49	Concerted evolution in the GAPDH family of retrotransposed pseudogenes. <i>Mammalian Genome</i> , <b>1993</b> , 4, 695-703	3.2	27
48	The Evolutionary Landscape of Dbp-Like RhoGEF Families: Adapting Eukaryotic Cells to Environmental Signals. <i>Genome Biology and Evolution</i> , <b>2017</b> , 9, 1471-1486	3.9	26
47	A delayed-early response nuclear gene encoding MRPL12, the mitochondrial homologue to the bacterial translational regulator L7/L12 protein. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 11468-76	5.4	26
46	Selection of Seedlings of <i>Thymus Vulgaris</i> by Grazing Slugs. <i>Journal of Ecology</i> , <b>1983</b> , 71, 299	6	26
45	Requirements for c-fos mRNA down regulation in growth stimulated murine cells. <i>Oncogene</i> , <b>1989</b> , 4, 881-8	9.2	26
44	Structure of the human ARHG locus encoding the Rho/Rac-like RhoG GTPase. <i>Genomics</i> , <b>1997</b> , 42, 157-60	4.3	21
43	Structure and chromosomal assignment to 22q12 and 17qter of the ras-related Rac2 and Rac3 human genes. <i>Genomics</i> , <b>1997</b> , 44, 242-6	4.3	21
42	The caspase family in urochordates: distinct evolutionary fates in ascidians and larvaceans. <i>Biology of the Cell</i> , <b>2005</b> , 97, 857-66	3.5	21
41	Novel AChE inhibitors for sustainable insecticide resistance management. <i>PLoS ONE</i> , <b>2012</b> , 7, e47125	3.7	21
40	Stable coexistence of incompatible <i>Wolbachia</i> along a narrow contact zone in mosquito field populations. <i>Molecular Ecology</i> , <b>2015</b> , 24, 508-21	5.7	20
39	Ascidians as a vertebrate-like model organism for physiological studies of Rho GTPase signaling. <i>Biology of the Cell</i> , <b>2003</b> , 95, 295-302	3.5	20
38	Sequence determinants of c-myc mRNA turn-over: influence of 3' and 5' non-coding regions. <i>Oncogene Research</i> , <b>1988</b> , 3, 155-66		19
37	PIP30/FAM192A is a novel regulator of the nuclear proteasome activator PA28. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E6477-E6486	11.5	19

36	Tissue-specific alternative splicing of Tak1 is conserved in deuterostomes. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 261-9	8.3	18
35	The regulatory strategies of c-myc and c-fos proto-oncogenes share some common mechanisms. <i>Biochimie</i> , <b>1988</b> , 70, 877-84	4.6	18
34	TC10 controls human myofibril organization and is activated by the sarcomeric RhoGEF obscurin. <i>Journal of Cell Science</i> , <b>2009</b> , 122, 947-56	5.3	17
33	The yeast exchange assay, a new complementary method to screen for Dbp-like protein specificity: identification of a novel RhoA exchange factor. <i>FEBS Letters</i> , <b>2000</b> , 480, 287-92	3.8	17
32	New insights into the evolutionary conservation of the sole PIKK pseudokinase Tra1/TRRAP. <i>Biochemical Society Transactions</i> , <b>2019</b> , 47, 1597-1608	5.1	15
31	Fertilization regulates apoptosis of <i>Ciona intestinalis</i> extra-embryonic cells through thyroxine (T4)-dependent NF-kappaB pathway activation during early embryonic development. <i>Developmental Biology</i> , <b>2006</b> , 289, 152-65	3.1	14
30	Nucleotide sequence of hamster glyceraldehyde-3-phosphate dehydrogenase mRNA. <i>Nucleic Acids Research</i> , <b>1990</b> , 18, 3054	20.1	14
29	Small GTPases of the Rho family and cell transformation. <i>Progress in Molecular and Subcellular Biology</i> , <b>1999</b> , 22, 159-81	3	14
28	SOX9 has distinct regulatory roles in alternative splicing and transcription. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 9106-9118	20.1	13
27	PleiotRHOpic: Rho pathways are essential for all stages of Neural Crest development. <i>Small GTPases</i> , <b>2014</b> , 5, e27975	2.7	13
26	Expression and human chromosomal localization to 17q25 of the growth-regulated gene encoding the mitochondrial ribosomal protein MRPL12. <i>Genomics</i> , <b>1997</b> , 41, 453-7	4.3	13
25	Role of RNA structures in c-myc and c-fos gene regulations. <i>Gene</i> , <b>1988</b> , 72, 287-95	3.8	13
24	Atypical RhoV and RhoU GTPases control development of the neural crest. <i>Small GTPases</i> , <b>2011</b> , 2, 310-313	3	12
23	Expression of RhoB in the developing <i>Xenopus laevis</i> embryo. <i>Gene Expression Patterns</i> , <b>2007</b> , 7, 282-8	1.5	12
22	Dynamic expression patterns of RhoV/Chp and RhoU/Wrch during chicken embryonic development. <i>Developmental Dynamics</i> , <b>2008</b> , 237, 1165-71	2.9	12
21	High chlorpyrifos resistance in <i>Culex pipiens</i> mosquitoes: strong synergy between resistance genes. <i>Heredity</i> , <b>2016</b> , 116, 224-31	3.6	11
20	Atypical RhoV and RhoU GTPases control development of the neural crest. <i>Small GTPases</i> , <b>2015</b> , 6, 174-72.7	2.7	11
19	Growth-regulated expression of FKBP-59 immunophilin in normal and transformed fibroblastic cells. <i>Experimental Cell Research</i> , <b>1995</b> , 220, 152-60	4.2	10

18	A SLM2 Feedback Pathway Controls Cortical Network Activity and Mouse Behavior. <i>Cell Reports</i> , <b>2016</b> , 17, 3269-3280	10.6	10
17	Identification of Rho GTPases implicated in terminal differentiation of muscle cells in ascidia. <i>Biology of the Cell</i> , <b>2006</b> , 98, 577-88	3.5	8
16	Binding site density enables paralog-specific activity of SLM2 and Sam68 proteins in Neurexin2 AS4 splicing control. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 4120-4130	20.1	8
15	Neural differentiation modulates the vertebrate brain specific splicing program. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125998	3.7	7
14	Versatile vectors for pulsed expression in eukaryotic cells. <i>Nucleic Acids Research</i> , <b>1989</b> , 17, 2874	20.1	7
13	A warning on the use of synthetic DNA primers for initiation of reverse transcription on RNA templates: unexpected initiation at a mismatched nucleotide. <i>Gene</i> , <b>1982</b> , 19, 321-6	3.8	7
12	STARs in the CNS. <i>Biochemical Society Transactions</i> , <b>2016</b> , 44, 1066-72	5.1	7
11	Effects of transition mutations in the regulatory locus <i>spoIIA</i> on the incidence of sporulation in <i>Bacillus subtilis</i> . <i>Microbiology (United Kingdom)</i> , <b>1985</b> , 131, 959-62	2.9	6
10	Using a modified yeast two-hybrid system to screen for chemical GEF inhibitors. <i>Methods in Molecular Biology</i> , <b>2012</b> , 928, 81-95	1.4	5
9	The atypical RhoU/Wrch1 Rho GTPase controls cell proliferation and apoptosis in the gut epithelium. <i>Biology of the Cell</i> , <b>2019</b> , 111, 121-141	3.5	4
8	Localization of ARHG, a member of the RAS homolog gene family, to 11p15.5-11p15.4 by fluorescence in situ hybridization. <i>Genomics</i> , <b>1993</b> , 16, 788-90	4.3	4
7	Targeting the Dbl and dock-family RhoGEFs: a yeast-based assay to identify cell-active inhibitors of Rho-controlled pathways. <i>The Enzymes</i> , <b>2013</b> , 33 Pt A, 169-91	2.3	3
6	NOPCHAP1 is a PAQosome cofactor that helps loading NOP58 on RUVBL1/2 during box C/D snoRNP biogenesis. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 1094-1113	20.1	3
5	Rho signaling: An historical and evolutionary perspective <b>2018</b> , 3-18		2
4	SHED-Dependent Oncogenic Signaling of the PEAK3 Pseudo-Kinase.. <i>Cancers</i> , <b>2021</b> , 13,	6.6	1
3	Aspartate-phobia of thermophiles as a reaction to deleterious chemical transformations. <i>BioEssays</i> , <b>2021</b> , e2100213	4.1	0
2	Signalling pathways controlled by the GTPase RhoG. <i>Biology of the Cell</i> , <b>1999</b> , 91, 551-552	3.5	
1	Serum induction of RhoG expression. <i>Methods in Enzymology</i> , <b>1995</b> , 256, 151-62	1.7	

