Philippe Fort

List of Publications by Year
in descending order

109 papers	8,876 citations	57758 44 h-index	42399 92 g-index
114 all docs	114 docs citations	114 times ranked	8315 citing authors

#	Article	IF	Citations
1	Aspartateâ€phobia of thermophiles as a reaction to deleterious chemical transformations. BioEssays, 2022, 44, e2100213.	2.5	2
2	Regulation of Src tumor activity by its N-terminal intrinsically disordered region. Oncogene, 2022, 41, 960-970.	5.9	8
3	NOPCHAP1 is a PAQosome cofactor that helps loading NOP58 on RUVBL1/2 during box C/D snoRNP biogenesis. Nucleic Acids Research, 2021, 49, 1094-1113.	14.5	14
4	SHED-Dependent Oncogenic Signaling of the PEAK3 Pseudo-Kinase. Cancers, 2021, 13, 6344.	3.7	6
5	The atypical RhoU/Wrch1 Rho GTPase controls cell proliferation and apoptosis in the gut epithelium. Biology of the Cell, 2019, 111, 121-141.	2.0	11
6	New insights into the evolutionary conservation of the sole PIKK pseudokinase Tra1/TRRAP. Biochemical Society Transactions, 2019, 47, 1597-1608.	3.4	25
7	The RPAP3-Cterminal domain identifies R2TP-like quaternary chaperones. Nature Communications, 2018, 9, 2093.	12.8	59
8	PIP30/FAM192A is a novel regulator of the nuclear proteasome activator PA28Î³. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6477-E6486.	7.1	29
9	SOX9 has distinct regulatory roles in alternative splicing and transcription. Nucleic Acids Research, 2018, 46, 9106-9118.	14.5	30
10	Rho signaling: An historical and evolutionary perspective. , 2018, , 3-18.		2
11	Binding site density enables paralog-specific activity of SLM2 and Sam68 proteins in <i>Neurexin2</i> AS4 splicing control. Nucleic Acids Research, 2017, 45, gkw1277.	14.5	16
12	The Evolutionary Landscape of Dbl-Like RhoGEF Families: Adapting Eukaryotic Cells to Environmental Signals. Genome Biology and Evolution, 2017, 9, 1471-1486.	2.5	47
13	A SLM2 Feedback Pathway Controls Cortical Network Activity and Mouse Behavior. Cell Reports, 2016, 17, 3269-3280.	6.4	21
14	STARs in the CNS. Biochemical Society Transactions, 2016, 44, 1066-1072.	3.4	10
15	High chlorpyrifos resistance in Culex pipiens mosquitoes: strong synergy between resistance genes. Heredity, 2016, 116, 224-231.	2.6	12
16	Neural Differentiation Modulates the Vertebrate Brain Specific Splicing Program. PLoS ONE, 2015, 10, e0125998.	2.5	10
17	Atypical RhoV and RhoU GTPases control development of the neural crest. Small GTPases, 2015, 6, 174-177.	1.6	22
18	Evolution of Proteasome Regulators in Eukaryotes. Genome Biology and Evolution, 2015, 7, 1363-1379.	2.5	77

#	ARTICLE	IF	CITATIONS
19	Stable coexistence of incompatible <i>Wolbachia</i> along a narrow contact zone in mosquito field populations. Molecular Ecology, 2015, 24, 508-521.	3.9	25
20	PleiotRHOpic. Small GTPases, 2014, 5, e27975.	1.6	14
21	Wolbachia Divergence and the Evolution of Cytoplasmic Incompatibility in Culex pipiens. PLoS ONE, 2014, 9, e87336.	2.5	48
22	Antagonistic functions of <i> <scp>LMNA</scp> </i> isoforms in energy expenditure and lifespan. EMBO Reports, 2014, 15, 529-539.	4.5	47
23	MBNL1 and RBFOX2 cooperate to establish a splicing programme involved in pluripotent stem cell differentiation. Nature Communications, 2013, 4, 2480.	12.8	120
24	Applying ecological and evolutionary theory to cancer: a long and winding road. Evolutionary Applications, 2013, 6, 1-10.	3.1	70
25	Targeting the Dbl and Dock-Family RhoGEFs. The Enzymes, 2013, 33 Pt A, 169-191.	1.7	3
26	The Tissue-Specific RNA Binding Protein T-STAR Controls Regional Splicing Patterns of Neurexin Pre-mRNAs in the Brain. PLoS Genetics, 2013, 9, e1003474.	3.5	74
27	Tissue-Specific Alternative Splicing of Tak1 Is Conserved in Deuterostomes. Molecular Biology and Evolution, 2012, 29, 261-269.	8.9	21
28	Fossil Rhabdoviral Sequences Integrated into Arthropod Genomes: Ontogeny, Evolution, and Potential Functionality. Molecular Biology and Evolution, 2012, 29, 381-390.	8.9	100
29	Using a Modified Yeast Two-Hybrid System to Screen for Chemical GEF Inhibitors. Methods in Molecular Biology, 2012, 928, 81-95.	0.9	6
30	Novel AChE Inhibitors for Sustainable Insecticide Resistance Management. PLoS ONE, 2012, 7, e47125.	2.5	26
31	Activity of the RhoU/Wrch1 GTPase is critical for cranial neural crest cell migration. Developmental Biology, 2011, 350, 451-463.	2.0	33
32	Multiple Wolbachia determinants control the evolution of cytoplasmic incompatibilities in Culex pipiens mosquito populations. Molecular Ecology, 2011, 20, 286-298.	3.9	46
33	MiniSOX9, a dominant-negative variant in colon cancer cells. Oncogene, 2011, 30, 2493-2503.	5.9	35
34	Tara up-regulates E-cadherin transcription by binding to the Trio RhoGEF and inhibiting Rac signaling. Journal of Cell Biology, 2011, 193, 319-332.	5.2	63
35	Atypical RhoV and RhoU GTPases control development of the neural crest. Small GTPases, 2011, 2, 310-313.	1.6	14
36	TC10 controls human myofibril organization and is activated by the sarcomeric RhoGEF obscurin. Journal of Cell Science, 2009, 122, 947-956.	2.0	23

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37	A Cell Active Chemical GEF Inhibitor Selectively Targets the Trio/RhoG/Rac1 Signaling Pathway. Chemistry and Biology, 2009, 16, 657-666.	6.0	91
38	Dynamic expression patterns of <i>RhoV</i>/<i>Chp</i> and <i>RhoU</i>/<i>Wrch</i> during chicken embryonic development. Developmental Dynamics, 2008, 237, 1165-1171.	1.8	15
39	Trio Controls the Mature Organization of Neuronal Clusters in the Hindbrain. Journal of Neuroscience, 2007, 27, 10323-10332.	3.6	43
40	Evolution of the Rho Family of Ras-Like GTPases in Eukaryotes. Molecular Biology and Evolution, 2007, 24, 203-216.	8.9	366
41	Variability and Expression of Ankyrin Domain Genes in Wolbachia Variants Infecting the Mosquito Culex pipiens. Journal of Bacteriology, 2007, 189, 4442-4448.	2.2	54
42	The small GTPase RhoV is an essential regulator of neural crest induction in Xenopus. Developmental Biology, 2007, 310, 113-128.	2.0	46
43	Influence of aging on cytoplasmic incompatibility, sperm modification and Wolbachia density in Culex pipiens mosquitoes. Heredity, 2007, 98, 368-374.	2.6	49
44	Expression of RhoB in the developing Xenopus laevis embryo. Gene Expression Patterns, 2007, 7, 282-288.	0.8	13
45	Fertilization regulates apoptosis of Ciona intestinalis extra-embryonic cells through thyroxine (T4)-dependent NF-ÎºB pathway activation during early embryonic development. Developmental Biology, 2006, 289, 152-165.	2.0	17
46	Expression Profile of RhoGTPases and RhoGEFs During RANKL-Stimulated Osteoclastogenesis: Identification of Essential Genes in Osteoclasts. Journal of Bone and Mineral Research, 2006, 21, 1387-1398.	2.8	83
47	Identification of TRIO-GEFD1 chemical inhibitors using the yeast exchange assay. Biology of the Cell, 2006, 98, 511-522.	2.0	41
48	Identification of Rho GTPases implicated in terminal differentiation of muscle cells in ascidia. Biology of the Cell, 2006, 98, 577-588.	2.0	8
49	Hypervariable prophage WO sequences describe an unexpected high number of Wolbachia variants in the mosquito Culex pipiens. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 495-502.	2.6	49
50	Transposable element polymorphism of Wolbachia in the mosquito Culex pipiens: evidence of genetic diversity, superinfection and recombination. Molecular Ecology, 2005, 14, 1561-1573.	3.9	72
51	The caspase family in urochordates: distinct evolutionary fates in ascidians and larvaceans. Biology of the Cell, 2005, 97, 857-866.	2.0	26
52	Distinct roles of Rac1/Cdc42 and Rho/Rock for axon outgrowth and nucleokinesis of precerebellar neurons toward netrin 1. Development (Cambridge), 2004, 131, 2841-2852.	2.5	83
53	Insecticide resistance: a silent base prediction. Current Biology, 2004, 14, R552-R553.	3.9	76
54	Ascidians as a vertebrateâ€like model organism for physiological studies of Rho GTPase signaling. Biology of the Cell, 2003, 95, 295-302.	2.0	22

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55	RhoG regulates gene expression and the actin cytoskeleton in lymphocytes. Oncogene, 2003, 22, 330-342.	5.9	46
56	Insecticide resistance in mosquito vectors. Nature, 2003, 423, 136-137.	27.8	546
57	The GTP/GDP Cycling of Rho GTPase TCL Is an Essential Regulator of the Early Endocytic Pathway. Molecular Biology of the Cell, 2003, 14, 4846-4856.	2.1	61
58	A Dual Role of the GTPase Rac in Cardiac Differentiation of Stem Cells. Molecular Biology of the Cell, 2003, 14, 2781-2792.	2.1	58
59	A novel acetylcholinesterase gene in mosquitoes codes for the insecticide target and is nonâ€“homologous to theacegeneDrosophila. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2007-2016.	2.6	233
60	The Human Rho-GEF Trio and Its Target GTPase RhoG Are Involved in the NGF Pathway, Leading to Neurite Outgrowth. Current Biology, 2002, 12, 307-312.	3.9	147
61	Participation of small GTPases Rac1 and Cdc42Hs in myoblast transformation. Oncogene, 2002, 21, 2901-2907.	5.9	31
62	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
63	Tail regression in<i>Ciona intestinalis</i>(Prochordate) involves a Caspase-dependent apoptosis event associated with ERK activation. Development (Cambridge), 2002, 129, 3105-3114.	2.5	109
64	Tail regression in Ciona intestinalis (Prochordate) involves a Caspase-dependent apoptosis event associated with ERK activation. Development (Cambridge), 2002, 129, 3105-14.	2.5	35
65	The gene for a new brain specific RhoA exchange factor maps to the highly unstable chromosomal region 1p36.2â€“1p36.3.. Oncogene, 2001, 20, 7307-7317.	5.9	60
66	Kinectin Is a Key Effector of RhoG Microtubule-Dependent Cellular Activity. Molecular and Cellular Biology, 2001, 21, 8022-8034.	2.3	73
67	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
68	Extinction of Rac1 and Cdc42Hs signalling defines a novel p53-dependent apoptotic pathway. Oncogene, 2000, 19, 2377-2385.	5.9	34
69	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
70	Characterization of TCL, a New GTPase of the Rho Family related to TC10 and Cdc42. Journal of Biological Chemistry, 2000, 275, 36457-36464.	3.4	110
71	Cdc42Hs and Rac1 GTPases Induce the Collapse of the Vimentin Intermediate Filament Network. Journal of Biological Chemistry, 2000, 275, 33046-33052.	3.4	57
72	A fluorescent reporter gene as a marker for ventricular specification in ES-derived cardiac cells. FEBS Letters, 2000, 478, 151-158.	2.8	106

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73	The yeast exchange assay, a new complementary method to screen for Dbl-like protein specificity: identification of a novel RhoA exchange factor. FEBS Letters, 2000, 480, 287-292.	2.8	19
74	Signalling pathways controlled by the GTPase RhoG. Biology of the Cell, 1999, 91, 551-552.	2.0	0
75	Small GTPases of the Rho Family and Cell Transformation. Progress in Molecular and Subcellular Biology, 1999, 22, 159-181.	1.6	16
76	A Presumptive Developmental Role for a Sea Urchin Cyclin B Splice Variant. Journal of Cell Biology, 1998, 140, 283-293.	5.2	30
77	RhoG GTPase Controls a Pathway That Independently Activates Rac1 and Cdc42Hs. Molecular Biology of the Cell, 1998, 9, 1379-1394.	2.1	152
78	A Simple Luciferase Assay for Signal Transduction Activity Detection of Epidermal Growth Factor Displayed on Phage. Nucleic Acids Research, 1997, 25, 1585-1590.	14.5	31
79	Expression and Human Chromosomal Localization to 17q25 of the Growth-Regulated Gene Encoding the Mitochondrial Ribosomal Protein MRPL12. Genomics, 1997, 41, 453-457.	2.9	17
80	Structure of the Human ARHG Locus Encoding the Rho/Rac-like RhoG GTPase. Genomics, 1997, 42, 157-160.	2.9	22
81	Structure and Chromosomal Assignment to 22q12 and 17qter of the ras-Related Rac2 and Rac3 Human Genes. Genomics, 1997, 44, 242-246.	2.9	23
82	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
83	A Delayed-early Response Nuclear Gene Encoding MRPL12, the Mitochondrial Homologue to the Bacterial Translational Regulator L7/L12 Protein. Journal of Biological Chemistry, 1996, 271, 11468-11476.	3.4	30
84	[18] Serum induction of RhoG expression. Methods in Enzymology, 1995, 256, 151-162.	1.0	0
85	Growth-Regulated Expression of FKBP-59 Immunophilin in Normal and Transformed Fibroblastic Cells. Experimental Cell Research, 1995, 220, 152-160.	2.6	10
86	Concerted evolution in the GAPDH family of retrotransposed pseudogenes. Mammalian Genome, 1993, 4, 695-703.	2.2	32
87	Localization of ARHG, a Member of the RAS Homolog Gene Family, to 11p15.5-11p15.4 by Fluorescence in Situ Hybridization. Genomics, 1993, 16, 788-790.	2.9	4
88	S26 ribosomal protein RNA: an invariant control for gene regulation experiments in eucaryotic cells and tissues. Nucleic Acids Research, 1993, 21, 1498-1498.	14.5	184
89	Transduction du signal mitogÃ¨ne, cytosquelette et petites protÃ©ines G : vers un rÃ©seau de protÃ©ines GAP ?. Medecine/Sciences, 1993, 9, 59.	0.2	0
90	Worldwide migration of amplified insecticide resistance genes in mosquitoes. Nature, 1991, 350, 151-153.	27.8	283

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91	Nucleotide sequence of hamster glyceraldehyde-3-phosphate dehydrogenase mRNA. Nucleic Acids Research, 1990, 18, 3054-3054.	14.5	15
92	Versatile vectors for pulsed expression in eukaryotic cells. Nucleic Acids Research, 1989, 17, 2874-2874.	14.5	7
93	Requirements for c-fos mRNA down regulation in growth stimulated murine cells. Oncogene, 1989, 4, 881-8.	5.9	28
94	Cloning and regulation of a mRNA specifically expressed in the preadipose state. Journal of Biological Chemistry, 1989, 264, 10119-25.	3.4	52
95	Role of RNA structures m c-myc and c-fos gene regulations. Gene, 1988, 72, 287-295.	2.2	14
96	The regulatory strategies of c-myc and c-fos proto-oncogenes share some common mechanisms. Biochimie, 1988, 70, 877-884.	2.6	18
97	Complete Sequence of Cytochrome P450 3c cDNA and Presence of Two mRNA Species with 3â€² Untranslated Regions of Different Lengths. DNA and Cell Biology, 1988, 7, 39-46.	5.2	34
98	Sequence determinants of c-myc mRNA turn-over: influence of 3' and 5' non-coding regions. Oncogene Research, 1988, 3, 155-66.	1.2	20
99	Regulation of c-fosgene expression in hamster fibroblasts: initiation and elongation of transcription and mRNA degradation. Nucleic Acids Research, 1987, 15, 5657-5667.	14.5	241
100	Sequence of a human immunoglobulin gamma 3 heavy chain constant region gene: comparison with the other human CÎ³genes. Nucleic Acids Research, 1986, 14, 1779-1789.	14.5	153
101	Various rat adult tissues express only one major mRNA species from the glyceraldehyde-3-phosphate-dehydrogenase multigenic family. Nucleic Acids Research, 1985, 13, 1431-1442.	14.5	2,147
102	Nucleotide Sequence and Complementation Analysis of a Polycistronic Sporulation Operon, spoVA, in Bacillus subtilis. Microbiology (United Kingdom), 1985, 131, 1091-1105.	1.8	78
103	Effects of Transition Mutations in the Regulatory Locus spoIIA on the Incidence of Sporulation in Bacillus subtilis. Microbiology (United Kingdom), 1985, 131, 959-962.	1.8	8
104	Duplicated sporulation genes in bacteria. FEBS Letters, 1985, 188, 184-188.	2.8	62
105	Post-transcriptional regulation of glyceraldehyde-3-phosphate-dehydrogenase gene expression in rat tissues. Nucleic Acids Research, 1984, 12, 6951-6963.	14.5	486
106	Characterization of the transcription products of glyceraldehyde 3-phosphate-dehydrogenase gene in HeLa cells. FEBS Journal, 1984, 145, 299-304.	0.2	79
107	Complete nucleotide sequence of the messenger RNA coding for chicken muscle glyceraldehyde-3-phosphate dehydrogenase. Biochemical and Biophysical Research Communications, 1984, 118, 767-773.	2.1	111
108	Selection of Seedlings of Thymus Vulgaris by Grazing Slugs. Journal of Ecology, 1983, 71, 299.	4.0	31

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109	A warning on the use of synthetic DNA primers for initiation of reverse transcription on RNA templates: unexpected initiation at a mismatched nucleotide. Gene, 1982, 19, 321-326.	2.2	8