Philippe D Gascard

List of Publications by Year
in descending order

48 papers	11,037 citations	172457 29 h-index	223800 46 g-index
48 all docs	48 docs citations	48 times ranked	25519 citing authors

#	Article	IF	Citations
1	Stromal directives can control cancer. Science, 2019, 365, 122-123.	12.6	19
2	Carcinoma-associated fibroblasts: orchestrating the composition of malignancy. Genes and Development, 2016, 30, 1002-1019.	5.9	579
3	SOX2, OCT3/4 and NANOG expression and cellular plasticity in rare human somatic cells requires CD73. Cellular Signalling, 2016, 28, 1923-1932.	3.6	7
4	Novel insights from 3D models: the pivotal role of physical symmetry in epithelial organization. Scientific Reports, 2015, 5, 15153.	3.3	8
5	Intermediate DNA methylation is a conserved signature of genome regulation. Nature Communications, 2015, 6, 6363.	12.8	91
6	Integrative analysis of 111 reference human epigenomes. Nature, 2015, 518, 317-330.	27.8	5,653
7	Epigenetic and transcriptional determinants of the human breast. Nature Communications, 2015, 6, 6351.	12.8	56
8	Towards aspirin-inspired self-immolating molecules which target the cyclooxygenases. Organic and Biomolecular Chemistry, 2015, 13, 11078-11086.	2.8	0
9	Regulatory network decoded from epigenomes of surface ectoderm-derived cell types. Nature Communications, 2014, 5, 5442.	12.8	25
10	Phosphatidylinositol-4,5 bisphosphate (PIP2) inhibits apo-calmodulin binding to protein 4.1. Biochemical and Biophysical Research Communications, 2014, 446, 434-440.	2.1	3
11	Coordinate Transcriptional and Translational Repression of p53 by TGF-Î²1 Impairs the Stress Response. Molecular Cell, 2013, 50, 552-564.	9.7	42
12	DNA hypomethylation within specific transposable element families associates with tissue-specific enhancer landscape. Nature Genetics, 2013, 45, 836-841.	21.4	207
13	Functional DNA methylation differences between tissues, cell types, and across individuals discovered using the M&M algorithm. Genome Research, 2013, 23, 1522-1540.	5.5	162
14	A physical sciences network characterization of non-tumorigenic and metastatic cells. Scientific Reports, 2013, 3, 1449.	3.3	146
15	Rare somatic cells from human breast tissue exhibit extensive lineage plasticity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4598-4603.	7.1	83
16	Characterization of cytoskeletal protein 4.1R interaction with NHE1 (Na+/H+ exchanger isoform 1). Biochemical Journal, 2012, 446, 427-435.	3.7	17
17	The clonal and mutational evolution spectrum of primary triple-negative breast cancers. Nature, 2012, 486, 395-399.	27.8	1,778
18	Isoforms of protein 4.1 are differentially distributed in heart muscle cells: Relation of 4.1R and 4.1G to components of the Ca2+ homeostasis system. Experimental Cell Research, 2012, 318, 1467-1479.	2.6	15

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19	Insights into the Function of the Unstructured N-Terminal Domain of Proteins 4.1R and 4.1G in Erythropoiesis. International Journal of Cell Biology, 2011, 2011, 1-13.	2.5	9
20	Similarities and differences in the structure and function of 4.1G and 4.1R135, two protein 4.1 paralogues expressed in erythroid cells. Biochemical Journal, 2010, 432, 407-416.	3.7	9
21	Basal Subtype and MAPK/ERK Kinase (MEK)-Phosphoinositide 3-Kinase Feedback Signaling Determine Susceptibility of Breast Cancer Cells to MEK Inhibition. Cancer Research, 2009, 69, 565-572.	0.9	340
22	Ionizing Radiation Predisposes Nonmalignant Human Mammary Epithelial Cells to Undergo Transforming Growth Factor Î²â€“Induced Epithelial to Mesenchymal Transition. Cancer Research, 2007, 67, 8662-8670.	0.9	155
23	New insights into potential functions for the protein 4.1 superfamily of proteins in kidney epithelium. Frontiers in Bioscience - Landmark, 2006, 11, 1646.	3.0	19
24	Effect of complete protein 4.1R deficiency on ion transport properties of murine erythrocytes. American Journal of Physiology - Cell Physiology, 2006, 291, C880-C886.	4.6	23
25	Evidence for a protective role of the Gardos channel against hemolysis in murine spherocytosis. Blood, 2005, 106, 1454-1459.	1.4	29
26	Development of a targeted transgenesis strategy in highly differentiated cells: a powerful tool for functional genomic analysis. Journal of Biotechnology, 2005, 116, 145-151.	3.8	7
27	Putative tumor suppressor protein 4.1B is differentially expressed in kidney and brain via alternative promoters and 5â€² alternative splicing. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2004, 1680, 71-82.	2.4	15
28	Differential domain evolution and complex RNA processing in a family of paralogous EPB41 (protein) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.9	31
29	Distinct distribution of specific members of protein 4.1 gene family in the mouse nephron. Kidney International, 2003, 63, 1321-1337.	5.2	50
30	Identification of a third Protein 4.1 tumor suppressor, Protein 4.1R, in meningioma pathogenesis. Neurobiology of Disease, 2003, 13, 191-202.	4.4	78
31	What do mouse gene knockouts tell us about the structure and function of the red cell membrane?. Best Practice and Research in Clinical Haematology, 2001, 14, 835.	1.7	0
32	Structural and Functional Characterization of Protein 4.1R-Phosphatidylserine Interaction. Journal of Biological Chemistry, 2001, 276, 35778-35785.	3.4	42
33	New insights into functions of erythroid proteins in nonerythroid cells. Current Opinion in Hematology, 2000, 7, 123-129.	2.5	48
34	Molecular and Functional Characterization of Protein 4.1B, a Novel Member of the Protein 4.1 Family with High Level, Focal Expression in Brain. Journal of Biological Chemistry, 2000, 275, 3247-3255.	3.4	114
35	Deciphering the Nuclear Import Pathway for the Cytoskeletal Red Cell Protein 4.1R. Molecular Biology of the Cell, 1999, 10, 1783-1798.	2.1	40
36	What do mouse gene knockouts tell us about the structure and function of the red cell membrane?. Best Practice and Research in Clinical Haematology, 1999, 12, 605-620.	1.7	13

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37	Neurobehavioral deficits in mice lacking the erythrocyte membrane cytoskeletal protein 4.1. Current Biology, 1998, 8, 1269-S1.	3.9	47
38	The FERM domain: a unique module involved in the linkage of cytoplasmic proteins to the membrane. Trends in Biochemical Sciences, 1998, 23, 281-282.	7.5	494
39	Cloning and Characterization of 4.1G (EPB41L2), a New Member of the Skeletal Protein 4.1 (EPB41) Gene Family. Genomics, 1998, 49, 298-306.	2.9	103
40	Identification of an Interaction between the M-band Protein Skelemin and Î²-Integrin Subunits. Journal of Biological Chemistry, 1998, 273, 35039-35047.	3.4	38
41	The 13-kD FK506 Binding Protein, FKBP13, Interacts with a Novel Homologue of the Erythrocyte Membrane Cytoskeletal Protein 4.1. Journal of Cell Biology, 1998, 141, 143-153.	5.2	122
42	Structural Protein 4.1 in the Nucleus of Human Cells: Dynamic Rearrangements during Cell Division. Journal of Cell Biology, 1997, 137, 275-289.	5.2	107
43	The role of inositol phospholipids in the association of band 4.1 with the human erythrocyte membrane. FEBS Journal, 1993, 211, 671-681.	0.2	31
44	Cellular distribution of polyphosphoinositides in rat hepatocytes. Cellular Signalling, 1993, 5, 565-581.	3.6	55
45	Characterization of structural and functional phosphoinositide domains in human erythrocyte membranes. Biochemistry, 1993, 32, 5941-5948.	2.5	23
46	Asymmetric distribution of phosphoinositides and phosphatidic acid in the human erythrocyte membrane. Biochimica Et Biophysica Acta - Biomembranes, 1991, 1069, 27-36.	2.6	79
47	The separation of [32P] inositol phosphates by ion-pair chromatography: Optimization of the method and biological applications. Analytical Biochemistry, 1989, 179, 90-97.	2.4	24
48	Polyphosphoinositide localization in human erythrocyte membranes. Biochemical Society Transactions, 1989, 17, 717-718.	3.4	1