

Philippe D Gascard

List of Publications by Year in descending order

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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	Integrative analysis of 111 reference human epigenomes. <i>Nature</i> , 2015, 518, 317-330.	27.8	5,653
2	The clonal and mutational evolution spectrum of primary triple-negative breast cancers. <i>Nature</i> , 2012, 486, 395-399.	27.8	1,778
3	Carcinoma-associated fibroblasts: orchestrating the composition of malignancy. <i>Genes and Development</i> , 2016, 30, 1002-1019.	5.9	579
4	The FERM domain: a unique module involved in the linkage of cytoplasmic proteins to the membrane. <i>Trends in Biochemical Sciences</i> , 1998, 23, 281-282.	7.5	494
5	Basal Subtype and MAPK/ERK Kinase (MEK)-Phosphoinositide 3-Kinase Feedback Signaling Determine Susceptibility of Breast Cancer Cells to MEK Inhibition. <i>Cancer Research</i> , 2009, 69, 565-572.	0.9	340
6	DNA hypomethylation within specific transposable element families associates with tissue-specific enhancer landscape. <i>Nature Genetics</i> , 2013, 45, 836-841.	21.4	207
7	Functional DNA methylation differences between tissues, cell types, and across individuals discovered using the M&M algorithm. <i>Genome Research</i> , 2013, 23, 1522-1540.	5.5	162
8	Ionizing Radiation Predisposes Nonmalignant Human Mammary Epithelial Cells to Undergo Transforming Growth Factor β -Induced Epithelial to Mesenchymal Transition. <i>Cancer Research</i> , 2007, 67, 8662-8670.	0.9	155
9	A physical sciences network characterization of non-tumorigenic and metastatic cells. <i>Scientific Reports</i> , 2013, 3, 1449.	3.3	146
10	The 13-kD FK506 Binding Protein, FKBP13, Interacts with a Novel Homologue of the Erythrocyte Membrane Cytoskeletal Protein 4.1. <i>Journal of Cell Biology</i> , 1998, 141, 143-153.	5.2	122
11	Molecular and Functional Characterization of Protein 4.1B, a Novel Member of the Protein 4.1 Family with High Level, Focal Expression in Brain. <i>Journal of Biological Chemistry</i> , 2000, 275, 3247-3255.	3.4	114
12	Structural Protein 4.1 in the Nucleus of Human Cells: Dynamic Rearrangements during Cell Division. <i>Journal of Cell Biology</i> , 1997, 137, 275-289.	5.2	107
13	Cloning and Characterization of 4.1G (EPB41L2), a New Member of the Skeletal Protein 4.1 (EPB41) Gene Family. <i>Genomics</i> , 1998, 49, 298-306.	2.9	103
14	Intermediate DNA methylation is a conserved signature of genome regulation. <i>Nature Communications</i> , 2015, 6, 6363.	12.8	91
15	Rare somatic cells from human breast tissue exhibit extensive lineage plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4598-4603.	7.1	83
16	Asymmetric distribution of phosphoinositides and phosphatidic acid in the human erythrocyte membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1991, 1069, 27-36.	2.6	79
17	Identification of a third Protein 4.1 tumor suppressor, Protein 4.1R, in meningioma pathogenesis. <i>Neurobiology of Disease</i> , 2003, 13, 191-202.	4.4	78
18	Epigenetic and transcriptional determinants of the human breast. <i>Nature Communications</i> , 2015, 6, 6351.	12.8	56

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19	Cellular distribution of polyphosphoinositides in rat hepatocytes. <i>Cellular Signalling</i> , 1993, 5, 565-581.	3.6	55
20	Distinct distribution of specific members of protein 4.1 gene family in the mouse nephron. <i>Kidney International</i> , 2003, 63, 1321-1337.	5.2	50
21	New insights into functions of erythroid proteins in nonerythroid cells. <i>Current Opinion in Hematology</i> , 2000, 7, 123-129.	2.5	48
22	Neurobehavioral deficits in mice lacking the erythrocyte membrane cytoskeletal protein 4.1. <i>Current Biology</i> , 1998, 8, 1269-S1.	3.9	47
23	Structural and Functional Characterization of Protein 4.1R-Phosphatidylserine Interaction. <i>Journal of Biological Chemistry</i> , 2001, 276, 35778-35785.	3.4	42
24	Coordinate Transcriptional and Translational Repression of p53 by TGF- β 1 Impairs the Stress Response. <i>Molecular Cell</i> , 2013, 50, 552-564.	9.7	42
25	Deciphering the Nuclear Import Pathway for the Cytoskeletal Red Cell Protein 4.1R. <i>Molecular Biology of the Cell</i> , 1999, 10, 1783-1798.	2.1	40
26	Identification of an Interaction between the M-band Protein Skelemin and β 2-Integrin Subunits. <i>Journal of Biological Chemistry</i> , 1998, 273, 35039-35047.	3.4	38
27	The role of inositol phospholipids in the association of band 4.1 with the human erythrocyte membrane. <i>FEBS Journal</i> , 1993, 211, 671-681.	0.2	31
28	Differential domain evolution and complex RNA processing in a family of paralogous EPB41 (protein) Tj ETQq0 0 0 r gBT /Overlock 10 Tf .	2.9	31
29	Evidence for a protective role of the Gardos channel against hemolysis in murine spherocytosis. <i>Blood</i> , 2005, 106, 1454-1459.	1.4	29
30	Regulatory network decoded from epigenomes of surface ectoderm-derived cell types. <i>Nature Communications</i> , 2014, 5, 5442.	12.8	25
31	The separation of [32P] inositol phosphates by ion-pair chromatography: Optimization of the method and biological applications. <i>Analytical Biochemistry</i> , 1989, 179, 90-97.	2.4	24
32	Characterization of structural and functional phosphoinositide domains in human erythrocyte membranes. <i>Biochemistry</i> , 1993, 32, 5941-5948.	2.5	23
33	Effect of complete protein 4.1R deficiency on ion transport properties of murine erythrocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 291, C880-C886.	4.6	23
34	New insights into potential functions for the protein 4.1 superfamily of proteins in kidney epithelium. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 1646.	3.0	19
35	Stromal directives can control cancer. <i>Science</i> , 2019, 365, 122-123.	12.6	19
36	Characterization of cytoskeletal protein 4.1R interaction with NHE1 (Na ⁺ /H ⁺ exchanger isoform 1). <i>Biochemical Journal</i> , 2012, 446, 427-435.	3.7	17

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37	Putative tumor suppressor protein 4.1B is differentially expressed in kidney and brain via alternative promoters and 5' alternative splicing. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2004, 1680, 71-82.	2.4	15
38	Isoforms of protein 4.1 are differentially distributed in heart muscle cells: Relation of 4.1R and 4.1G to components of the Ca ²⁺ homeostasis system. <i>Experimental Cell Research</i> , 2012, 318, 1467-1479.	2.6	15
39	What do mouse gene knockouts tell us about the structure and function of the red cell membrane?. <i>Best Practice and Research in Clinical Haematology</i> , 1999, 12, 605-620.	1.7	13
40	Similarities and differences in the structure and function of 4.1G and 4.1R135, two protein 4.1 paralogues expressed in erythroid cells. <i>Biochemical Journal</i> , 2010, 432, 407-416.	3.7	9
41	Insights into the Function of the Unstructured N-Terminal Domain of Proteins 4.1R and 4.1G in Erythropoiesis. <i>International Journal of Cell Biology</i> , 2011, 2011, 1-13.	2.5	9
42	Novel insights from 3D models: the pivotal role of physical symmetry in epithelial organization. <i>Scientific Reports</i> , 2015, 5, 15153.	3.3	8
43	Development of a targeted transgenesis strategy in highly differentiated cells: a powerful tool for functional genomic analysis. <i>Journal of Biotechnology</i> , 2005, 116, 145-151.	3.8	7
44	SOX2, OCT3/4 and NANOG expression and cellular plasticity in rare human somatic cells requires CD73. <i>Cellular Signalling</i> , 2016, 28, 1923-1932.	3.6	7
45	Phosphatidylinositol-4,5 biphosphate (PIP2) inhibits apo-calmodulin binding to protein 4.1. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 434-440.	2.1	3
46	Polyphosphoinositide localization in human erythrocyte membranes. <i>Biochemical Society Transactions</i> , 1989, 17, 717-718.	3.4	1
47	What do mouse gene knockouts tell us about the structure and function of the red cell membrane?. <i>Best Practice and Research in Clinical Haematology</i> , 2001, 14, 835.	1.7	0
48	Towards aspirin-inspired self-immolating molecules which target the cyclooxygenases. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11078-11086.	2.8	0