Pascal Bailly

List of Publications by Year
in descending order

57 papers	2,234 citations	257450 24 h-index	223800 46 g-index
57 all docs	57 docs citations	57 times ranked	1567 citing authors

#	Article	IF	Citations
1	Candidate gene acting as a suppressor of the RH locus in most cases of Rh-deficiency. Nature Genetics, 1996, 12, 168-173.	21.4	160
2	Characterization of the Gene Encoding the Human Kidd Blood Group/Urea Transporter Protein. Journal of Biological Chemistry, 1998, 273, 12973-12980.	3.4	152
3	Kidd Blood Group and Urea Transport Function of Human Erythrocytes Are Carried by the Same Protein. Journal of Biological Chemistry, 1995, 270, 15607-15610.	3.4	150
4	The red cell LW blood group protein is an intercellular adhesion molecule which binds to CD11/CD18 leukocyte integrins. European Journal of Immunology, 1995, 25, 3316-3320.	2.9	122
5	Time-course expression of polypeptides carrying blood group antigens during human erythroid differentiation. British Journal of Haematology, 1999, 107, 263-274.	2.5	115
6	Endothelial cells of the kidney vasa recta express the urea transporter HUT11. Kidney International, 1997, 51, 138-146.	5.2	109
7	Molecular characterization of a new urea transporter in the human kidney. FEBS Letters, 1996, 386, 156-160.	2.8	105
8	Red Cell ICAM-4 Is a Novel Ligand for Platelet-activated Î±IIbÎ²3 Integrin. Journal of Biological Chemistry, 2003, 278, 4892-4898.	3.4	95
9	AQP3 Deficiency in Humans and the Molecular Basis of a Novel Blood Group System, GIL. Journal of Biological Chemistry, 2002, 277, 45854-45859.	3.4	93
10	The molecular basis of the Kidd blood group polymorphism and its lack of association with type 1 diabetes susceptibility. Human Molecular Genetics, 1997, 6, 1017-1020.	2.9	85
11	Antigenic and Functional Properties of the Human Red Blood Cell Urea Transporter hUT-B1. Journal of Biological Chemistry, 2002, 277, 34101-34108.	3.4	78
12	Binding Sites of Leukocyte Î²2 Integrins (LFA-1, Mac-1) on the Human ICAM-4/LW Blood Group Protein. Journal of Biological Chemistry, 2000, 275, 26002-26010.	3.4	76
13	At Physiological Expression Levels the Kidd Blood Group/Urea Transporter Protein Is Not a Water Channel. Journal of Biological Chemistry, 1999, 274, 30228-30235.	3.4	67
14	Red blood cell immunization in sickle cell disease: evidence of a large responder group and a low rate of anti-Rh linked to partial Rh phenotype. Haematologica, 2014, 99, e115-e117.	3.5	61
15	Tumoricidal activation of murine alveolar macrophages by muramyldipeptide substituted mannosylated serum albumin. Biochemical and Biophysical Research Communications, 1984, 121, 579-584.	2.1	53
16	Molecular heterogeneity of the Jknull phenotype: expression analysis of the Jk(S291P) mutation found in Finns. Blood, 2000, 96, 1566-1573.	1.4	53
17	Molecular analysis of inactive and active RHD alleles in native Congolese cohorts. Transfusion, 2009, 49, 1353-1360.	1.6	48
18	Single PCR Multiplex SNaPshot Reaction for Detection of Eleven Blood Group Nucleotide Polymorphisms. Journal of Molecular Diagnostics, 2010, 12, 453-460.	2.8	43

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19	Molecular and functional characterization of an amphibian urea transporter. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1421, 347-352.	2.6	37
20	Integrin receptor specificity for human red cell ICAM-4 ligand. FEBS Journal, 2004, 271, 3729-3740.	0.2	36
21	Characterization of ICAM-4 binding to the I domains of the CD11a/CD18 and CD11b/CD18 leukocyte integrins. FEBS Journal, 2003, 270, 1710-1723.	0.2	35
22	Weak D and DEL alleles detected by routine SNaPshot genotyping: identification of four novel RHD alleles. Transfusion, 2011, 51, 401-411.	1.6	34
23	Erythroid Expression and Oligomeric State of the AQP3 Protein. Journal of Biological Chemistry, 2002, 277, 7664-7669.	3.4	33
24	Partial deletion in the JK locus causing a Jknull phenotype. Blood, 2002, 99, 1079-1081.	1.4	32
25	Identification of RHCE and KEL alleles in large cohorts of Afroâ€Caribbean and Comorian donors by multiplex SNaPshot and fragment assays: a transfusion support for sickle cell disease patients. British Journal of Haematology, 2011, 154, 260-270.	2.5	25
26	Identification of udp-galactose : Lactose (lactosylceramide) Î±-4 and Î²-3 galactosyltransferases in human kidney. Biochemical and Biophysical Research Communications, 1986, 141, 84-91.	2.1	24
27	A genetic strategy to control expression of human blood group antigens in red blood cells generated in vitro. Transfusion, 2009, 49, 967-976.	1.6	24
28	A comprehensive survey of both <scp>RHD</scp> and <scp>RHCE</scp> allele frequencies in subâ€<scp>S</scp>aharan <scp>A</scp>frica. Transfusion, 2013, 53, 3009-3017.	1.6	22
29	Association between ABO haplotypes and the risk of venous thrombosis: impact on disease risk estimation. Blood, 2021, 137, 2394-2402.	1.4	19
30	Short deletion within the blood group Dombrock locus causing a Donull phenotype. Blood, 2002, 100, 1063-1064.	1.4	18
31	Characterization of a UDP-Gal:GalÎ²1â€“3GalNAc Î±1,4-Galactosyltransferase Activity in a Mamestra brassicaeCell Line. Journal of Biological Chemistry, 1998, 273, 33644-33651.	3.4	17
32	Selective macrophage activation by muramyldipeptide bound to monoclonal antibodies specific for mouse tumor cells. Cancer Immunology, Immunotherapy, 1984, 18, 155-9.	4.2	15
33	Dombrock genotyping in a native Congolese cohort reveals two novel alleles. Transfusion, 2009, 49, 1661-1671.	1.6	15
34	Biosynthesis of the blood group Pk and P1 antigens by human kidney microsomes. Carbohydrate Research, 1992, 228, 277-287.	2.3	14
35	Characterization of a murine monoclonal antibody specific for the human P1 blood group antigen. Molecular Immunology, 1987, 24, 171-176.	2.2	13
36	Characterization and specific assay for a galactoside beta-3-galactosyltransferase of human kidney. FEBS Journal, 1988, 173, 417-422.	0.2	13

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37	DNA-based typing of Kell, Kidd, MNS, Dombrock, Colton, and Yt blood group systems in the French Basques. American Journal of Human Biology, 2008, 20, 308-311.	1.6	13
38	Revisiting the Diego Blood Group System in Amerindians: Evidence for Gene-Culture Comigration. PLoS ONE, 2015, 10, e0132211.	2.5	13
39	Flexible Automated Platform for Blood Group Genotyping on DNA Microarrays. Journal of Molecular Diagnostics, 2014, 16, 335-342.	2.8	12
40	Using an EGFPmeter to Evaluate the Lentiviral Vector Production: Tricks and Traps. Methods in Molecular Biology, 2009, 515, 151-163.	0.9	11
41	Elimination of blood group antigens: hope and reality. British Journal of Haematology, 2011, 152, 392-400.	2.5	11
42	Synonymous nucleotide polymorphisms influence <scp>D</scp>ombrock blood group protein expression in <scp>K</scp>562 cells. British Journal of Haematology, 2014, 164, 131-141.	2.5	11
43	RH diversity in Mali: characterization of a new haplotype RHD*DIVa/RHCE*ceTI(D2). Transfusion, 2015, 55, 1423-1431.	1.6	11
44	ABO blood group, glycosyltransferase activity and risk of venous thromboembolism. Thrombosis Research, 2020, 193, 31-35.	1.7	10
45	P Blood Group and Related Antigens. Blood Cell Biochemistry, 1995, , 299-329.	0.3	7
46	The radial expansion of the Diego blood group system polymorphisms in Asia: mark of co-migration with the Mongol conquests. European Journal of Human Genetics, 2019, 27, 125-132.	2.8	6
47	Paternal RHD zygosity determination in Tunisians: evaluation of three molecular tests. Blood Transfusion, 2015, 13, 59-65.	0.4	6
48	Heterogeneity of alleles encoding highâ€•and lowâ€prevalence red blood cell antigens across <scp>A</scp>frica: useful data to facilitate transfusion in <scp>A</scp>frican patients. British Journal of Haematology, 2013, 163, 528-536.	2.5	5
49	Short duplication within the <scp>RHCE</scp> gene associated with an in cis deleted <scp>RHD</scp> causing a <scp>R</scp>h_{null} amorph phenotype in an immunized pregnant woman with antiâ€<scp>R</scp>h29. Transfusion, 2015, 55, 1407-1410.	1.6	5
50	Blood groups of Neandertals and Denisova decrypted. PLoS ONE, 2021, 16, e0254175.	2.5	5
51	Molecular heterogeneity of the Jknull phenotype: expression analysis of the Jk(S291P) mutation found in Finns. Blood, 2000, 96, 1566-1573.	1.4	5
52	RHCE*cE734C allele encodes an altered c antigen and a suppressed E antigen not detected with standard reagents. Transfusion, 2013, 53, 955-961.	1.6	3
53	Subtle adjustments of the glucose-6-phosphate dehydrogenase (G6PD) mutation database and reference sequence. Blood Cells, Molecules, and Diseases, 2014, 52, 55-56.	1.4	3
54	Sub-Saharan red cell antigen phenotypes and glucose-6-phosphate dehydrogenase deficiency variants in French Guiana. Malaria Journal, 2016, 15, 310.	2.3	2

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55	DO/ART4 gene sequencing in subâ€Saharan cohorts and African migrants: useful data describing the diversity and spreading of rare variants. Transfusion, 2019, 59, 3755-3766.	1.6	2
56	Sequencing of the ART4 gene in subâ€Saharan cohorts reveals ethnic differences and two new DO alleles: DO*Bâ€Ile5Thr and DO*Bâ€Trp266Arg. Transfusion, 2015, 55, 2376-2383.	1.6	1
57	New KEL*01M and KEL*02M alleles: structural modeling to assess the impact of amino acid changes. Transfusion, 2016, 56, 1223-1229.	1.6	1