# Gregory A Denomme

List of Publications by Year
in descending order



| 115 | 2,333 | 218381 | 243296 |
|---|---|---|---|
| papers | citations | 26 h-index | 44 g-index |

| 122 | 122 | 122 | 1574 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | It's time to phase in <scp>RHD</scp> genotyping for patients with a serologic weak <scp>D</scp> phenotype. Transfusion, 2015, 55, 680-689. | 0.8 | 157 |
| 2 | High-throughput multiplex single-nucleotide polymorphism analysis for red cell and platelet antigen genotypes. Transfusion, 2005, 45, 660-666. | 0.8 | 131 |
| 3 | A diagnostic test for heparinâ€induced thrombocytopenia: detection of platelet microparticles using flow cytometry. British Journal of Haematology, 1996, 95, 724-731. | 1.2 | 125 |
| 4 | Partial D, weak D types, and novel RHD alleles among 33,864 multiethnic patients: implications for anti-D alloimmunization and prevention. Transfusion, 2005, 45, 1554-1560. | 0.8 | 105 |
| 5 | Activation of platelets by sera containing igg1 heparin-dependent antibodies: an explanation for the predominance of the FcÎ³rIIa â€œlow responderâ€•(his131) gene in patients with heparin-induced thrombocytopenia. Translational Research, 1997, 130, 278-284. | 2.4 | 88 |
| 6 | International Society of Blood Transfusion Working Party on Red Cell Immunogenetics and Blood Group Terminology: Report of the Dubai, Copenhagen and Toronto meetings. Vox Sanguinis, 2019, 114, 95-102. | 0.7 | 75 |
| 7 | Applying molecular immunohematology discoveries to standards of practice in blood banks: now is the time. Transfusion, 2008, 48, 2461-2475. | 0.8 | 73 |
| 8 | FcÎ³ receptor IIa and IIIa polymorphisms in childhood immune thrombocytopenic purpura. British Journal of Haematology, 2003, 120, 135-141. | 1.2 | 71 |
| 9 | Implementing massâ€scale red cell genotyping at a blood center. Transfusion, 2015, 55, 2610-2615. | 0.8 | 70 |
| 10 | Integration of red cell genotyping into the blood supply chain: a population-based study. Lancet Haematology,the, 2015, 2, e282-e288. | 2.2 | 66 |
| 11 | The cDNA Sequence of Human Endothelial Cell Multimerin. Journal of Biological Chemistry, 1995, 270, 18246-18251. | 1.6 | 62 |
| 12 | International society of blood transfusion working party on red cell immunogenetics and terminology: report of the Seoul and London meetings. ISBT Science Series, 2016, 11, 118-122. | 1.1 | 56 |
| 13 | Red blood cell specifications for patients with hemoglobinopathies: a systematic review and guideline. Transfusion, 2018, 58, 1555-1566. | 0.8 | 55 |
| 14 | Novel 3' Rhesus box sequences confound RHD zygosity assignment. Transfusion, 2002, 42, 645-650. | 0.8 | 53 |
| 15 | DNA-based methods in the immunohematology reference laboratory. Transfusion and Apheresis Science, 2011, 44, 65-72. | 0.5 | 47 |
| 16 | Maternal immunization to Gov system alloantigens on human platelets. Transfusion, 1997, 37, 823-828. | 0.8 | 45 |
| 17 | Factor V Leiden and Thrombotic Complications in Heparin-induced Thrombocytopenia. Thrombosis and Haemostasis, 1998, 79, 50-53. | 1.8 | 37 |
| 18 | Maternal ABO-mismatched blood for intrauterine transfusion of severe hemolytic disease of the newborn due to anti-Rh17. Transfusion, 2004, 44, 1357-1360. | 0.8 | 37 |

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|---|---|---|---|
| 19 | Rh discrepancies caused by variable reactivity of partial and weakâ€ƒD types with different serologic techniques. Transfusion, 2008, 48, 473-478. | 0.8 | 37 |
| 20 | On the Complexity of D Antigen Typing: A Handy Decision Tree in the Age of Molecular Blood Group Diagnostics. Journal of Obstetrics and Gynaecology Canada, 2007, 29, 746-752. | 0.3 | 36 |
| 21 | Molecular basis of blood group expression. Transfusion and Apheresis Science, 2011, 44, 53-63. | 0.5 | 36 |
| 22 | Prospects for the provision of genotyped blood for transfusion. British Journal of Haematology, 2013, 163, 3-9. | 1.2 | 36 |
| 23 | The structure and function of the molecules that carry human red blood cell and platelet antigensâ˜†. Transfusion Medicine Reviews, 2004, 18, 203-231. | 0.9 | 34 |
| 24 | Chemical compounds that target thiol-disulfide groups on mononuclear phagocytes inhibit immune mediated phagocytosis of red blood cells. Transfusion, 2005, 45, 384-393. | 0.8 | 34 |
| 25 | Mass-scale red cell genotyping of blood donors. Transfusion and Apheresis Science, 2011, 44, 93-99. | 0.5 | 31 |
| 26 | Kell and Kx blood group systems. Immunohematology, 2015, 31, 14-19. | 0.2 | 29 |
| 27 | Antenatal administration of Rh-immune globulin causes significant increases in the immunomodulatory cytokines transforming growth factor-Î² and prostaglandin E2. Transfusion, 2006, 46, 1316-1322. | 0.8 | 28 |
| 28 | Practical approaches and costs for provisioning safe transfusions during antiâ€CD38 therapy. Transfusion, 2017, 57, 1470-1479. | 0.8 | 27 |
| 29 | It's time to phase out â€œserologic weak D phenotypeâ€•and resolve D types with RHD genotyping including weak D type 4. Transfusion, 2020, 60, 855-859. | 0.8 | 27 |
| 30 | Barriers to using molecularly typed minority red blood cell donors in support of chronically transfused adult patients with sickle cell disease. Transfusion, 2015, 55, 1399-1406. | 0.8 | 24 |
| 31 | Genotyping for red blood cell polymorphisms. Vox Sanguinis, 2009, 96, 167-179. | 0.7 | 22 |
| 32 | Comparison of the measurement of surface or total platelet-associated IgG in the diagnosis of immune thrombocytopenia. American Journal of Hematology, 1985, 18, 1-5. | 2.0 | 21 |
| 33 | Immunoglobulin V Sequences of Two Human Antiplatelet Monoclonal Autoantibodies Derived from B Cells of Normal Origin. Journal of Autoimmunity, 1994, 7, 521-535. | 3.0 | 20 |
| 34 | Mechanisms of anti-D action in the prevention of hemolytic disease of the fetus and newborn: what can we learn from rodent models?. Current Opinion in Hematology, 2009, 16, 488-496. | 1.2 | 20 |
| 35 | Inhibition of erythroid progenitor cell growth by anti-Ge3. British Journal of Haematology, 2006, 133, 443-444. | 1.2 | 19 |
| 36 | How do I work up pretransfusion samples containing antiâ€CD38?. Transfusion, 2017, 57, 1337-1342. | 0.8 | 18 |

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|---|---|---|---|
| 37 | The prenatal identification of fetal compatibility in neonatal alloimmune thrombocytopenia using amniotic fluid and variable number of tandem repeat (VNTR) analysis. British Journal of Haematology, 1995, 91, 742-746. | 1.2 | 17 |
| 38 | The DAU cluster: a comparative analysis of 18 RHD alleles, some forming partial D antigens. Transfusion, 2016, 56, 2520-2531. | 0.8 | 17 |
| 39 | Massâ€scale highâ€throughput multiplex polymerase chain reaction for human platelet antigen singleâ€nucleotide polymorphisms screening of apheresis platelet donors. Transfusion, 2011, 51, 2028-2033. | 0.8 | 16 |
| 40 | Red cell genotyping precision medicine: a conference summary. Therapeutic Advances in Hematology, 2017, 8, 277-291. | 1.1 | 16 |
| 41 | The Measurement of Plateiet-Associated IgG Using an Immunoradiometric Assay. Journal of Immunoassay, 1983, 4, 65-82. | 0.3 | 14 |
| 42 | Fetal blood group genotyping. Transfusion, 2007, 47, 64S-68S. | 0.8 | 14 |
| 43 | Hemolytic Disease of the Fetus and Newborn Due to Anti-Ge3: Combined Antibody-Dependent Hemolysis and Erythroid Precursor Cell Growth Inhibition. American Journal of Perinatology, 2008, 25, 541-545. | 0.6 | 14 |
| 44 | Three non-classical mechanisms for anemic disease of the fetus and newborn, based on maternal anti-Kell, anti-Ge3, anti-M, and anti-Jra cases. Transfusion and Apheresis Science, 2020, 59, 102949. | 0.5 | 13 |
| 45 | A multicenter study on the performance of a fully automated, walkâ€away highâ€throughput analyzer for pretransfusion testing in the US population. Transfusion, 2015, 55, 1522-1528. | 0.8 | 12 |
| 46 | Mass-scale donor red cell genotyping using real-time array technology. Immunohematology, 2015, 31, 69-74. | 0.2 | 12 |
| 47 | The role of the immunoglobulin heavy chain in human anti-dna antibody binding specificity. Arthritis and Rheumatism, 1995, 38, 389-395. | 6.7 | 11 |
| 48 | The future of red blood cell alloimmunization risk reduction. Transfusion, 2015, 55, 220-221. | 0.8 | 10 |
| 49 | Trends in antigenâ€negative red blood cell distributions by racial or ethnic groups in the United States. Transfusion, 2018, 58, 145-150. | 0.8 | 10 |
| 50 | Molecular immunohaematology round table discussions at the AABB Annual Meeting, Boston 2012. Blood Transfusion, 2014, 12, 280-6. | 0.3 | 10 |
| 51 | Consortium for Blood Group Genes (CBGG): 2009 report. Immunohematology, 2010, 26, 47-50. | 0.2 | 10 |
| 52 | ABO sequence analysis in a family with weak expression of blood group B. Transfusion, 2004, 44, 1394-1395. | 0.8 | 9 |
| 53 | Amino-acid substitution in the disordered loop of blood group B-glycosyltransferase enzyme causes weak B phenotype. Transfusion, 2005, 45, 1178-1182. | 0.8 | 9 |
| 54 | Alloâ€and autoantiâ€D in weak D types and in partial D. Transfusion, 2012, 52, 2067-2069. | 0.8 | 9 |

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|---|---|---|---|
| 55 | Fetal inheritance of GP*Mur causing severe HDFN in an unrecognized case of maternal alloimmunization. Transfusion, 2020, 60, 870-874. | 0.8 | 9 |
| 56 | Generation of â€˜designer erythroblastsâ€™ lacking one or more blood group systems from CRISPR/Cas9 geneâ€edited humanâ€induced pluripotent stem cells. Journal of Cellular and Molecular Medicine, 2021, 25, 9340-9349. | 1.6 | 9 |
| 57 | The production of human monoclonal antiplatelet auto-antibodies derived from human lymphocytes of normal origin: reactivity to DNA, anionic phospholipids and platelet proteins. British Journal of Haematology, 1992, 82, 99-106. | 1.2 | 8 |
| 58 | Genetic background of the rare Yus and Gerbich blood group phenotypes: homologous regions of the <scp>GYPC</scp> gene contribute to deletion alleles. British Journal of Haematology, 2017, 177, 630-640. | 1.2 | 8 |
| 59 | Two Prevalent âˆ¼100-kb <b><i>GYPB</i></b> Deletions Causative of the GPB-Deficient Blood Group MNS Phenotype Sâ€“sâ€“Uâ€“ in Black Africans. Transfusion Medicine and Hemotherapy, 2020, 47, 326-336. | 0.7 | 8 |
| 60 | Small world â€“ Advance of microarrays: Current status and future trends. Transfusion and Apheresis Science, 2007, 36, 201-206. | 0.5 | 7 |
| 61 | Antiâ€glycophorin C induces mitochondrial membrane depolarization and a loss of extracellular regulated kinase 1/2 protein kinase activity that is prevented by pretreatment with cytochalasin D: implications for hemolytic disease of the fetus and newborn caused by antiâ€Ge3. Transfusion, 2010, 50, 1761-1765. | 0.8 | 7 |
| 62 | The first reported case of concurrent trimethoprimâ€sulfamethoxazoleâ€“induced immune hemolytic anemia and thrombocytopenia. Transfusion, 2017, 57, 2937-2941. | 0.8 | 7 |
| 63 | Potential impact of complement regulator deficiencies on hemolytic reactions due to minor ABO-mismatched transfusions. Blood Advances, 2017, 1, 1977-1982. | 2.5 | 7 |
| 64 | Validated Reference Panel from Renewable Source of Genomic DNA Available for Standardization of Blood Group Genotyping. Journal of Molecular Diagnostics, 2019, 21, 525-537. | 1.2 | 7 |
| 65 | Recommendation for validation and quality assurance of nonâ€invasive prenatal testing for foetal blood groups and implications for <scp>IVD</scp> risk classification according to <scp>EU</scp> regulations. Vox Sanguinis, 2022, 117, 157-165. | 0.7 | 7 |
| 66 | Molecular immunohaematology round table discussions at the AABB Annual Meeting, Denver 2013. Blood Transfusion, 2015, 13, 514-20. | 0.3 | 6 |
| 67 | Molecular immunohaematology round table discussions at the AABB Annual Meeting, Anaheim 2015. Blood Transfusion, 2016, 14, 557-565. | 0.3 | 6 |
| 68 | RhD status of a fetus at risk for haemolytic disease with a discrepant maternal DNA-based RhD genotype. , 1999, 19, 424-427. | | 5 |
| 69 | Protocols. , 2000, , 19-65. | | 5 |
| 70 | In Silico Analysis in Transfusion Medicine. Vox Sanguinis, 2002, 83, 111-113. | 0.7 | 5 |
| 71 | Detection of antibodies reacting with the antithetical duffy blood group antigens Fya and Fyb using recombinant fusion proteins containing the duffy extracellular domain. Transfusion and Apheresis Science, 2006, 35, 207-216. | 0.5 | 5 |
| 72 | Antibodyâ€mediated glycophorin <scp>C</scp> coligation on <scp>K</scp>562 cells induces phosphatidylserine exposure and cell death in an atypical apoptotic process. Transfusion, 2013, 53, 2134-2140. | 0.8 | 5 |

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| 73 | Massâ€scale red cell genotyping of blood donors: from data visualization to historical antigen labeling and donor recruitment. Transfusion, 2019, 59, 2768-2770. | 0.8 | 5 |
| 74 | The Mechanism of Rh-Immune Globulin Prophylaxis Involves Significant Increases in the Immunosuppressive Cytokines TGFÎ² and PGE2.. Blood, 2005, 106, 558-558. | 0.6 | 5 |
| 75 | Titers of ABO antibodies in group O blood donors. Revista Brasileira De Hematologia E Hemoterapia, 2011, 33, 250-251. | 0.7 | 4 |
| 76 | RhD Specific Antibodies Are Not Detectable in HLA-DRB11501*Mice Challenged with Human RhD Positive Erythrocytes. Advances in Hematology, 2014, 2014, 1-7. | 0.6 | 4 |
| 77 | Performance and reliability of a benchtop automated instrument for transfusion testing: a comparative multicenter clinical study in the US population. Transfusion, 2019, 59, 3511-3518. | 0.8 | 4 |
| 78 | Complement activating ABO anti-A IgM/IgG act synergistically to cause erythrophagocytosis: implications among minor ABO incompatible transfusions. Journal of Translational Medicine, 2020, 18, 216. | 1.8 | 4 |
| 79 | ABO titers: harmonization and identifying clinically relevant ABO antibodies. Transfusion, 2020, 60, 441-443. | 0.8 | 4 |
| 80 | <scp>SCAR</scp>: The highâ€prevalence antigen 013.008 in the <scp>Scianna</scp> blood group system. Transfusion, 2021, 61, 246-254. | 0.8 | 4 |
| 81 | Use of a cloudâ€based search engine of a centralized donor database to identify historical antigenâ€negative units in hospital inventories. Transfusion, 2020, 60, 417-423. | 0.8 | 4 |
| 82 | A human monoclonal autoantibody to platelet glycoprotein IIb derived from normal human lymphocytes. Blood, 1992, 79, 447-51. | 0.6 | 4 |
| 83 | Consortium for Blood Group Genes (CBGG): 2008 report. Immunohematology, 2009, 25, 75-80. | 0.2 | 4 |
| 84 | The production of platelet controls for assays quantitating platelet- associated IgG. Transfusion, 1983, 23, 516-518. | 0.8 | 3 |
| 85 | Synonymous nucleotide substitutions in the neonatal Fc receptor. Immunogenetics, 2002, 54, 139-140. | 1.2 | 3 |
| 86 | The proximal cisâ€regulatory region of the RHD/RHCE promoter is 105â€ƒbp and contains a 55â€bp core devoid of known binding motifs but necessary for transcription. Transfusion, 2009, 49, 1361-1369. | 0.8 | 3 |
| 87 | Unusual serological findings associated with ceftriaxoneâ€induced immune hemolytic anemia in a child with disseminated lowâ€grade glioma. Pediatric Blood and Cancer, 2016, 63, 1852-1855. | 0.8 | 3 |
| 88 | Costâ€effectiveness of implementing molecular immunohematology. ISBT Science Series, 2017, 12, 223-226. | 1.1 | 3 |
| 89 | Molecular characterization and multidisciplinary management of Gerbich hemolytic disease of the newborn. Pediatric Blood and Cancer, 2018, 65, e27014. | 0.8 | 3 |
| 90 | New RHCE*ce variant allele in African descent holds 105C>T (silent) in cis to 48C in Exon 1 and 733G in Exon 5. Transfusion, 2019, 59, 3039-3040. | 0.8 | 3 |

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| 91 | IgG3 antiâ€Kell allotypic variation results in differential antigen binding and phagocytosis. Transfusion, 2020, 60, 688-693. | 0.8 | 3 |
| 92 | Effect of cryopreservation on a rare McLeod donor red blood cell concentrate. Immunohematology, 2021, 37, 78-83. | 0.2 | 3 |
| 93 | Platelet and Leukocyte FcÎ³ Receptors in Heparin-Induced Thrombocytopenia. Fundamental and Clinical Cardiology, 2007, , 187-208. | 0.0 | 3 |
| 94 | An Adenine Trimer Precedes a C/G Polymorphism in the 3â€²-Amplimer Region of the Human Platelet Glycoprotein IIIa Intron 6 CT Repeat. Human Heredity, 1998, 48, 115-118. | 0.4 | 2 |
| 95 | Predictive blood group genetics in hemolytic disease of the fetus and newborn: a 10â€year review of a laboratory evaluation of amniotic fluidâ€derived DNA. Prenatal Diagnosis, 2007, 27, 1017-1023. | 1.1 | 2 |
| 96 | IFN-Î³ treated monocyte/macrophage phagocytosis of red cells sensitized with IgG1 and IgG3 Anti-D containing identical immunoglobulin variable region genes. Transfusion and Apheresis Science, 2008, 39, 37-44. | 0.5 | 2 |
| 97 | Single Base Extension in Multiplex Blood Group Genotyping. Methods in Molecular Biology, 2009, 496, 15-24. | 0.4 | 2 |
| 98 | RHCE*cE94G encodes variable expression of c (RH4). Transfusion, 2015, 55, 2519-2520. | 0.8 | 2 |
| 99 | Molecular characterization of three novel weak D type alleles with additional haplotype data on weak D Types 1.2 and 18. Transfusion, 2017, 57, 1092-1093. | 0.8 | 2 |
| 100 | Predictive modeling of complex ABO glycan phenotypes by lectin microarrays. Blood Advances, 2020, 4, 3960-3970. | 2.5 | 2 |
| 101 | How to use a cloudâ€based search engine of a centralized donor database to identify historical antigenâ€negative units in hospital inventories. Transfusion, 2020, 60, 414-416. | 0.8 | 2 |
| 102 | Immunoglobulin V region heavy and light chain gene sequences of the lymphoblastoid cell line GM 4672. Human Antibodies, 1993, 4, 98-103. | 0.6 | 1 |
| 103 | Red Cell Blood Groups. , 2000, , 67-139. | | 1 |
| 104 | <scp>Antiâ€D</scp> selection for <scp>D</scp> assignment among pregnant women and blood donors: impact of the <scp>Crawford</scp> antigen. Transfusion, 2020, 60, 1378-1380. | 0.8 | 1 |
| 105 | Red cell genotyping of rare blood donors: donation behaviour and data visualization. Vox Sanguinis, 2021, 116, 601-608. | 0.7 | 1 |
| 106 | A pair of <scp>S</scp>â€silencing single nucleotide variants cisâ€linked on <scp>GYPB</scp>. Transfusion, 2021, 61, E34-E36. | 0.8 | 1 |
| 107 | Molecular blood group screening in Omani blood donors. Vox Sanguinis, 2022, 117, 424-430. | 0.7 | 1 |
| 108 | Molecular immunohaematology round table discussions at the AABB Annual Meeting, Orlando 2016. Blood Transfusion, 2018, 16, 447-456. | 0.3 | 1 |

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|---|---|---|---|
| 109 | A case of Tn polyagglutination discovered by an <scp>ABO</scp> blood group discrepancy. Transfusion, 0, , . | 0.8 | 1 |
| 110 | The above letter was sent to Branch etâ€ƒal.; Drs Branch and Denomme offered the following reply.. Transfusion, 2007, 47, 351-352. | 0.8 | 0 |
| 111 | The Development of a Bacteriophage Expression Vector for Cloning Immunoglobulin Variable Region Genes from Bâ€Cell Genomic DNA<sup>a</sup>. Annals of the New York Academy of Sciences, 1995, 764, 580-582. | 1.8 | 0 |
| 112 | Editorial Comment. Transfusion and Apheresis Science, 2011, 44, 49. | 0.5 | 0 |
| 113 | Microfluidic approach to genotyping human platelet antigens. IET Nanobiotechnology, 2012, 6, 33. | 1.9 | 0 |
| 114 | Novel KEL*02N allele in Saudi Arabia encoding a Kell null (<scp>K<sub>0</sub></scp>) phenotype. Transfusion, 2021, 61, E49-E50. | 0.8 | 0 |
| 115 | Immunoglobulin V region heavy and light chain gene sequences of the lymphoblastoid cell line GM 4672. Human Antibodies and Hybridomas, 1993, 4, 98-103. | 0.1 | 0 |