

Sean R Stowell

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

167
papers

4,635
citations

35
h-index

65
g-index

188
ext. papers

5,935
ext. citations

5.1
avg, IF

5.76
L-index

#	Paper	IF	Citations
167	Functional evaluation of immunoregulatory molecules HLA-G, galectin-1, and IL-10 in people living with HIV.. <i>Medicine (United States)</i> , 2022 , 101, e28489	1.8	
166	Galectin-9 recognizes and exhibits antimicrobial activity toward microbes expressing blood group-like antigens.. <i>Journal of Biological Chemistry</i> , 2022 , 101704	5.4	1
165	Galectins: An Ancient Family of Carbohydrate Binding Proteins with Modern Functions.. <i>Methods in Molecular Biology</i> , 2022 , 2442, 1-40	1.4	0
164	Purification of Recombinant Galectins from Different Species Using Distinct Affinity Chromatography Methods.. <i>Methods in Molecular Biology</i> , 2022 , 2442, 55-74	1.4	1
163	Investigation of Galectins in Frozen Tissue and Mammalian Cell Culture Using Confocal Microscopy.. <i>Methods in Molecular Biology</i> , 2022 , 2442, 289-306	1.4	
162	Evaluation of the Bactericidal Activity of Galectins.. <i>Methods in Molecular Biology</i> , 2022 , 2442, 517-531	1.4	0
161	Evaluating Therapeutic Activity of Galectin-1 in Sarcolemma Repair of Skeletal Muscle.. <i>Methods in Molecular Biology</i> , 2022 , 2442, 663-683	1.4	
160	Method for Identifying Galectin Ligands on Lymphocyte Membrane Glycoproteins.. <i>Methods in Molecular Biology</i> , 2022 , 2442, 215-232	1.4	
159	Detection of Reactive Oxygen Species in Human Neutrophils Under Various Conditions of Exposure to Galectin.. <i>Methods in Molecular Biology</i> , 2022 , 2442, 549-564	1.4	
158	Examination of Whole-Cell Galectin Binding by Solid Phase and Flow Cytometric Analysis.. <i>Methods in Molecular Biology</i> , 2022 , 2442, 187-203	1.4	0
157	Detection of Phosphatidylserine Exposure on Leukocytes Following Treatment with Human Galectins.. <i>Methods in Molecular Biology</i> , 2022 , 2442, 533-548	1.4	
156	Alkylation of Galectin-1 with Iodoacetamide and Mass Spectrometric Mapping of the Sites of Incorporation.. <i>Methods in Molecular Biology</i> , 2022 , 2442, 75-87	1.4	0
155	Examining Galectin Binding Specificity Using Glycan Microarrays.. <i>Methods in Molecular Biology</i> , 2022 , 2442, 151-168	1.4	1
154	Molecular Imaging for In Vivo Tracking and Detection of Galectin Binding Partners.. <i>Methods in Molecular Biology</i> , 2022 , 2442, 339-352	1.4	
153	Human Blood Group Systems 2022 , 21-32		
152	Erythropoietic properties of human induced pluripotent stem cells-derived red blood cells in immunodeficient mice. <i>American Journal of Hematology</i> , 2021 , 97, 194	7.1	4
151	Storage Differentially Impacts Immunization to Red Cell Antigens. <i>Blood</i> , 2021 , 138, 3239-3239	2.2	0

150	Full-Length Galectin-3 Is Required for High Affinity Microbial Interactions and Antimicrobial Activity. <i>Frontiers in Microbiology</i> , 2021 , 12, 731026	5.7	4
149	The SARS-CoV-2 receptor-binding domain preferentially recognizes blood group A. <i>Blood Advances</i> , 2021 , 5, 1305-1309	7.8	37
148	Comparison of Antibody Class-Specific SARS-CoV-2 Serologies for the Diagnosis of Acute COVID-19. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	13
147	Generation and Use of Recombinant Galectins. <i>Current Protocols</i> , 2021 , 1, e63		7
146	Sex-specific cytokine responses and neurocognitive outcome after blood transfusions in preterm infants. <i>Pediatric Research</i> , 2021 ,	3.2	4
145	Marginal zone B cells mediate a CD4 T-cell-dependent extrafollicular antibody response following RBC transfusion in mice. <i>Blood</i> , 2021 , 138, 706-721	2.2	8
144	Are We Forgetting About IgA? A Re-examination of Coronavirus Disease 2019 Convalescent Plasma. <i>Transfusion</i> , 2021 , 61, 1740-1748	2.9	5
143	Non-Human Glycans Can Regulate Anti-FVIII Antibody Formation in Mice. <i>Blood</i> , 2021 ,	2.2	5
142	COVID-19 convalescent plasma donor recruitment experience from the perspective of a hospital transfusion medicine service. <i>Transfusion</i> , 2021 , 61, 2213-2215	2.9	
141	Complement Plays a Critical Role in Inflammation-Induced Immunoprophylaxis Failure in Mice. <i>Frontiers in Immunology</i> , 2021 , 12, 704072	8.4	0
140	Endogenous galectin-3 is required for skeletal muscle repair. <i>Glycobiology</i> , 2021 , 31, 1295-1307	5.8	0
139	Daratumumab: Beyond Multiple Myeloma. <i>Transfusion Medicine Reviews</i> , 2021 , 35, 36-43	7.4	0
138	Maternal Antibody Response, Neutralizing Potency, and Placental Antibody Transfer After Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection. <i>Obstetrics and Gynecology</i> , 2021 , 138, 189-197	4.9	10
137	Therapeutic plasma exchange for COVID-19-associated hyperviscosity. <i>Transfusion</i> , 2021 , 61, 1029-1034	2.9	21
136	Development of iron deficiency anemia in patients undergoing extracorporeal photopheresis: Comparison of the UVAR and CELLEX instruments. <i>Journal of Clinical Apheresis</i> , 2021 , 36, 34-40	3.2	1
135	Refractory thrombotic thrombocytopenic purpura related to checkpoint inhibitor immunotherapy. <i>Transfusion</i> , 2021 , 61, 322-328	2.9	5
134	A photo-cross-linking GlcNAc analog enables covalent capture of N-linked glycoprotein-binding partners on the cell surface. <i>Cell Chemical Biology</i> , 2021 ,	8.2	4
133	Association of Blood Donor Sex and Age With Outcomes in Very Low-Birth-Weight Infants Receiving Blood Transfusion. <i>JAMA Network Open</i> , 2021 , 4, e2123942	10.4	1

132	Antigen density dictates RBC clearance, but not antigen modulation, following incompatible RBC transfusion in mice. <i>Blood Advances</i> , 2021 , 5, 527-538	7.8	3
131	Multifaceted role of glycosylation in transfusion medicine, platelets, and red blood cells. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 1535-1547	15.4	17
130	Rapid Generation of Neutralizing Antibody Responses in COVID-19 Patients. <i>Cell Reports Medicine</i> , 2020 , 1, 100040	18	268
129	Fc Gamma Receptors and Complement Component 3 Facilitate Anti-fVIII Antibody Formation. <i>Frontiers in Immunology</i> , 2020 , 11, 905	8.4	5
128	Hemolytic transfusion reactions in sickle cell disease: underappreciated and potentially fatal. <i>Haematologica</i> , 2020 , 105, 539-544	6.6	24
127	Role of Serology in the Coronavirus Disease 2019 Pandemic. <i>Clinical Infectious Diseases</i> , 2020 , 71, 1935-1936	19.6	25
126	Characteristics of in Vitro Differentiated Erythrocytes Derived from Human Bmi-1 Extensively Expanded Erythroblasts (E3). <i>Blood</i> , 2020 , 136, 30-30	2.2	
125	Effective Erythropoiesis from Human iPSC-Derived RBC in Immunodeficient Mice. <i>Blood</i> , 2020 , 136, 42-42.2	4.2	
124	Poly(I:C) causes failure of immunoprophylaxis to red blood cells expressing the KEL glycoprotein in mice. <i>Blood</i> , 2020 , 135, 1983-1993	2.2	2
123	Complement Inhibition in Severe COVID-19 Acute Respiratory Distress Syndrome. <i>Frontiers in Pediatrics</i> , 2020 , 8, 616731	3.4	5
122	Galectin-9 Is a Novel Regulator of Epithelial Restitution. <i>American Journal of Pathology</i> , 2020 , 190, 1657-1666	16.6	10
121	Rapid generation of neutralizing antibody responses in COVID-19 patients 2020 ,		34
120	COVID-19 convalescent plasma clears SARS-CoV-2 refractory to remdesivir in an infant with congenital heart disease. <i>Blood Advances</i> , 2020 , 4, 4278-4281	7.8	18
119	Role of complement in alloimmunization and hyperhemolysis. <i>Current Opinion in Hematology</i> , 2020 , 27, 406-414	3.3	8
118	O-glycans on death receptors in cells modulate their sensitivity to TRAIL-induced apoptosis through affecting on their stability and oligomerization. <i>FASEB Journal</i> , 2020 , 34, 11786-11801	0.9	11
117	Passenger Lymphocyte Syndrome; a Review of the Diagnosis, Treatment, and Proposed Detection Protocol. <i>Transfusion Medicine Reviews</i> , 2020 , 34, 178-187	7.4	4
116	TAO-kinase 3 governs the terminal differentiation of NOTCH2-dependent splenic conventional dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 31331-31342	11.5	5
115	Eculizumab for complement mediated thrombotic microangiopathy in sickle cell disease. <i>Haematologica</i> , 2020 , 105, 2887-2891	6.6	10

114	Intestinal epithelial glycosylation in homeostasis and gut microbiota interactions in IBD. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020 , 17, 597-617	24.2	45
113	Treatment with galectin-1 improves myogenic potential and membrane repair in dysferlin-deficient models. <i>PLoS ONE</i> , 2020 , 15, e0238441	3.7	5
112	American Society of Hematology 2020 guidelines for sickle cell disease: transfusion support. <i>Blood Advances</i> , 2020 , 4, 327-355	7.8	98
111	Treatment with galectin-1 improves myogenic potential and membrane repair in dysferlin-deficient models 2020 , 15, e0238441		
110	Treatment with galectin-1 improves myogenic potential and membrane repair in dysferlin-deficient models 2020 , 15, e0238441		
109	Treatment with galectin-1 improves myogenic potential and membrane repair in dysferlin-deficient models 2020 , 15, e0238441		
108	Treatment with galectin-1 improves myogenic potential and membrane repair in dysferlin-deficient models 2020 , 15, e0238441		
107	Treatment with galectin-1 improves myogenic potential and membrane repair in dysferlin-deficient models 2020 , 15, e0238441		
106	Treatment with galectin-1 improves myogenic potential and membrane repair in dysferlin-deficient models 2020 , 15, e0238441		
105	The Sweet-Side of Leukocytes: Galectins as Master Regulators of Neutrophil Function. <i>Frontiers in Immunology</i> , 2019 , 10, 1762	8.4	33
104	Biologic roles of the ABH and Lewis histo-blood group antigens part II: thrombosis, cardiovascular disease and metabolism. <i>Vox Sanguinis</i> , 2019 , 114, 535-552	3.1	32
103	Biologic roles of the ABH and Lewis histo-blood group antigens Part I: infection and immunity. <i>Vox Sanguinis</i> , 2019 , 114, 426-442	3.1	29
102	Challenges in the treatment and prevention of delayed hemolytic transfusion reactions with hyperhemolysis in sickle cell disease patients. <i>Transfusion</i> , 2019 , 59, 1698-1705	2.9	13
101	Challenges in preventing and treating hemolytic complications associated with red blood cell transfusion. <i>Transfusion Clinique Et Biologique</i> , 2019 , 26, 130-134	1.9	10
100	Using an old test for new tricks: Measuring direct oral anti-Xa drug levels by conventional heparin-calibrated anti-Xa assay. <i>American Journal of Hematology</i> , 2019 , 94, E132-E134	7.1	9
99	Cosmc is required for T cell persistence in the periphery. <i>Glycobiology</i> , 2019 , 29, 776-788	5.8	1
98	Galectin-1 modulation of neutrophil reactive oxygen species production depends on the cell activation state. <i>Molecular Immunology</i> , 2019 , 116, 80-89	4.3	12
97	Examining the Role of Complement in Predicting, Preventing, and Treating Hemolytic Transfusion Reactions. <i>Transfusion Medicine Reviews</i> , 2019 , 33, 217-224	7.4	15

96	Transfused platelets enhance alloimmune responses to transfused KEL-expressing red blood cells in a murine model. <i>Blood Transfusion</i> , 2019 , 17, 368-377	3.6	1
95	Severity of Thrombocytopenia at the Time of Platelet Transfusion Influences Post-Transfusion Platelet Kinetics and the Effects of Platelets on Plasma Cytokines in a Model of Murine Neonatal Sepsis. <i>Blood</i> , 2019 , 134, 98-98	2.2	
94	Development, Implementation, and Evaluation of a Fourth-Year Medical School Elective Course in Blood Banking and Transfusion Medicine. <i>American Journal of Clinical Pathology</i> , 2019 , 151, 116-121	1.9	
93	Platelet transfusions and mortality in necrotizing enterocolitis. <i>Transfusion</i> , 2019 , 59, 981-988	2.9	14
92	Antibody-mediated immunosuppression can result from RBC antigen loss independent of Fc γ receptors in mice. <i>Transfusion</i> , 2019 , 59, 371-384	2.9	12
91	Multiple hemolytic transfusion reactions misinterpreted as severe vaso-occlusive crisis in a patient with sickle cell disease. <i>Transfusion</i> , 2019 , 59, 448-453	2.9	9
90	Observational study of cytomegalovirus from breast milk and necrotising enterocolitis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019 ,	4.7	7
89	Anti-RhD reduces levels of detectable RhD antigen following anti-RhD infusion. <i>Transfusion</i> , 2018 , 58, 542-544	2.9	15
88	Hemoglobin A clearance in children with sickle cell anemia on chronic transfusion therapy. <i>Transfusion</i> , 2018 , 58, 1363-1371	2.9	9
87	Glucose-6-phosphate-dehydrogenase deficient red blood cell units are associated with decreased posttransfusion red blood cell survival in children with sickle cell disease. <i>American Journal of Hematology</i> , 2018 , 93, 630-634	7.1	18
86	Transfusion-transmitted malaria masquerading as sickle cell crisis with multisystem organ failure. <i>Transfusion</i> , 2018 , 58, 1550-1554	2.9	3
85	Complement Component 3 Negatively Regulates Antibody Response by Modulation of Red Blood Cell Antigen. <i>Frontiers in Immunology</i> , 2018 , 9, 676	8.4	19
84	Current state of transfusion practices for ABO-incompatible pediatric heart transplant patients in the United States and Canada. <i>Transfusion</i> , 2018 , 58, 2243-2249	2.9	4
83	Does red blood cell irradiation and/or anemia trigger intestinal injury in premature infants with birth weight \leq 250g? An observational birth cohort study. <i>BMC Pediatrics</i> , 2018 , 18, 270	2.6	5
82	Contribution of alternative complement pathway to delayed hemolytic transfusion reaction in sickle cell disease. <i>Haematologica</i> , 2018 , 103, e483-e485	6.6	45
81	Complement serves as a switch between CD4+ T cell-independent and -dependent RBC antibody responses. <i>JCI Insight</i> , 2018 , 3,	9.9	20
80	Galectin-9 is a Novel Modulator of Epithelial Restitution. <i>FASEB Journal</i> , 2018 , 32, 414.1	0.9	
79	Infusion hemolysis after pediatric major ABO-mismatched bone marrow transplant: Comparison of two red blood cell depletion techniques. <i>Pediatric Blood and Cancer</i> , 2018 , 65, e26883	3	1

78	Marginal Zone B Cells Induce Alloantibody Formation Following RBC Transfusion. <i>Frontiers in Immunology</i> , 2018 , 9, 2516	8.4	14
77	Recipient priming to one RBC alloantigen directly enhances subsequent alloimmunization in mice. <i>Blood Advances</i> , 2018 , 2, 105-115	7.8	22
76	Antibody-mediated immune suppression by antigen modulation is antigen-specific. <i>Blood Advances</i> , 2018 , 2, 2986-3000	7.8	18
75	Galectin-3 aggravates experimental polymicrobial sepsis by impairing neutrophil recruitment to the infectious focus. <i>Journal of Infection</i> , 2018 , 77, 391-397	18.9	8
74	Galectin Regulation of Host Microbial Interactions. <i>Trends in Glycoscience and Glycotechnology</i> , 2018 , 30, SE185-SE198	0.1	10
73	Fc microparticles can modulate the physical extent and magnitude of complement activity. <i>Biomaterials Science</i> , 2017 , 5, 463-474	7.4	11
72	Antigen Density Dictates Immune Responsiveness following Red Blood Cell Transfusion. <i>Journal of Immunology</i> , 2017 , 198, 2671-2680	5.3	28
71	Expression of Lewis-a glycans on polymorphonuclear leukocytes augments function by increasing transmigration. <i>Journal of Leukocyte Biology</i> , 2017 , 102, 753-762	6.5	9
70	Daratumumab (anti-CD38) induces loss of CD38 on red blood cells. <i>Blood</i> , 2017 , 129, 3033-3037	2.2	47
69	Marginal zone B cells are critical to factor VIII inhibitor formation in mice with hemophilia A. <i>Blood</i> , 2017 , 130, 2559-2568	2.2	27
68	B cells require Type 1 interferon to produce alloantibodies to transfused KEL-expressing red blood cells in mice. <i>Transfusion</i> , 2017 , 57, 2595-2608	2.9	18
67	Red blood cell minor antigen mismatches during chronic transfusion therapy for sickle cell anemia. <i>Transfusion</i> , 2017 , 57, 2738-2746	2.9	26
66	CD4 Depletion or CD40L Blockade Results in Antigen-Specific Tolerance in a Red Blood Cell Alloimmunization Model. <i>Frontiers in Immunology</i> , 2017 , 8, 907	8.4	13
65	Antigen-Mediated Immune Suppression Is Antigen Specific. <i>Blood</i> , 2017 , 130, 708-708	2.2	
64	Anemic Conditions Acceptable in Restrictive Transfusion Practice Induce Gut Inflammation and Injury in an Animal Model of Preterm Infants. <i>Blood</i> , 2017 , 130, 765-765	2.2	
63	CD8+ T cells mediate antibody-independent platelet clearance in mice. <i>Blood</i> , 2016 , 127, 1823-7	2.2	30
62	C3 Modulates RBC Antigen to Negatively Regulate Antibody Response. <i>Blood</i> , 2016 , 128, 22-22	2.2	8
61	Hemoglobin Clearance Is Associated with RBC Antibodies in Chronically Transfused Children with Sickle Cell Anemia. <i>Blood</i> , 2016 , 128, 3839-3839	2.2	

60	Microbial Exposure Regulates the Development of Anti-Blood Group Antibodies. <i>Blood</i> , 2016 , 128, 20-20	2.2	1
59	Marginal Zone B Cells Regulate RBC Alloimmunization Toward Distinct RBC Alloantigens. <i>Blood</i> , 2016 , 128, 3847-3847	2.2	
58	Protective Effect of Galectin-1 during Infection Is Associated with Prostaglandin E and Nitric Oxide Modulation. <i>Mediators of Inflammation</i> , 2016 , 2016, 5813794	4.3	3
57	Antigen modulation as a potential mechanism of anti-KEL immunoprophylaxis in mice. <i>Blood</i> , 2016 , 128, 3159-3168	2.2	26
56	Cosmc is an X-linked inflammatory bowel disease risk gene that spatially regulates gut microbiota and contributes to sex-specific risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14787-14792	11.5	44
55	Bridging channel dendritic cells induce immunity to transfused red blood cells. <i>Journal of Experimental Medicine</i> , 2016 , 213, 887-96	16.6	66
54	Platelet Transfusion Practices Among Very-Low-Birth-Weight Infants. <i>JAMA Pediatrics</i> , 2016 , 170, 687-94	4.3	45
53	Key regulators of galectin-glycan interactions. <i>Proteomics</i> , 2016 , 16, 3111-3125	4.8	48
52	Impact of red blood cell alloimmunization on sickle cell disease mortality: a case series. <i>Transfusion</i> , 2016 , 56, 107-14	2.9	75
51	Anti-KEL sera prevents alloimmunization to transfused KEL RBCs in a murine model. <i>Haematologica</i> , 2015 , 100, e394-7	6.6	29
50	Innate immunity against molecular mimicry: Examining galectin-mediated antimicrobial activity. <i>BioEssays</i> , 2015 , 37, 1327-37	4.1	20
49	Antibody effector functions mediated by Fcγ receptors are compromised during persistent viral infection. <i>Immunity</i> , 2015 , 42, 367-378	32.3	48
48	Protein glycosylation in cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2015 , 10, 473-510	34	428
47	Anti-RhD Mediates Loss of RhD Antigen Following Anti-RhD Infusion. <i>Blood</i> , 2015 , 126, 3570-3570	2.2	3
46	Evolving mechanistic insights into galectin functions. <i>Methods in Molecular Biology</i> , 2015 , 1207, 1-35	1.4	78
45	Detection of phosphatidylserine exposure on leukocytes following treatment with human galectins. <i>Methods in Molecular Biology</i> , 2015 , 1207, 185-200	1.4	7
44	Examination of galectin localization using confocal microscopy. <i>Methods in Molecular Biology</i> , 2015 , 1207, 343-54	1.4	4
43	Evaluation of the bactericidal activity of galectins. <i>Methods in Molecular Biology</i> , 2015 , 1207, 421-30	1.4	10

42	Alkylation of galectin-1 with iodoacetamide and mass spectrometric mapping of the sites of incorporation. <i>Methods in Molecular Biology</i> , 2015 , 1207, 51-62	1.4	5
41	Examining galectin binding specificity using glycan microarrays. <i>Methods in Molecular Biology</i> , 2015 , 1207, 115-31	1.4	19
40	Examination of whole cell galectin binding by solid phase and flow cytometric analysis. <i>Methods in Molecular Biology</i> , 2015 , 1207, 91-104	1.4	3
39	Marginal Zone B Cell Depletion Prevents Factor VIII Inhibitor Development in Model of Hemophilia. <i>Blood</i> , 2015 , 126, 1068-1068	2.2	
38	Antigen Density Impacts RBC Survival and Antigen Modulation Following Incompatible RBC Transfusion. <i>Blood</i> , 2015 , 126, 2350-2350	2.2	
37	Clearance of Incompatible RBC Is Compromised during Persistent Viral Infection. <i>Blood</i> , 2015 , 126, 1149-1149	2.2	
36	Using glycan microarrays to understand immunity. <i>Current Opinion in Chemical Biology</i> , 2014 , 18, 55-61	9.7	50
35	Microbial glycan microarrays define key features of host-microbial interactions. <i>Nature Chemical Biology</i> , 2014 , 10, 470-6	11.7	156
34	Galatrox is a C-type lectin in Bothrops atrox snake venom that selectively binds LacNAc-terminated glycans and can induce acute inflammation. <i>Glycobiology</i> , 2014 , 24, 1010-21	5.8	15
33	Galectin-3 regulates desmoglein-2 and intestinal epithelial intercellular adhesion. <i>Journal of Biological Chemistry</i> , 2014 , 289, 10510-10517	5.4	35
32	Strain-specific red blood cell storage, metabolism, and eicosanoid generation in a mouse model. <i>Transfusion</i> , 2014 , 54, 137-48	2.9	64
31	Antibody-mediated immune suppression of erythrocyte alloimmunization can occur independently from red cell clearance or epitope masking in a murine model. <i>Journal of Immunology</i> , 2014 , 193, 2902-10	5.3	30
30	Transfusion of murine red blood cells expressing the human KEL glycoprotein induces clinically significant alloantibodies. <i>Transfusion</i> , 2014 , 54, 179-89	2.9	44
29	Galectin-1 exerts inhibitory effects during DENV-1 infection. <i>PLoS ONE</i> , 2014 , 9, e112474	3.7	32
28	Addition of ascorbic acid solution to stored murine red blood cells increases posttransfusion recovery and decreases microparticles and alloimmunization. <i>Transfusion</i> , 2013 , 53, 2248-57	2.9	35
27	Resistance of a subset of red blood cells to clearance by antibodies in a mouse model of incompatible transfusion. <i>Transfusion</i> , 2013 , 53, 1319-27	2.9	19
26	Antigen modulation confers protection to red blood cells from antibody through Fcγ receptor ligation. <i>Journal of Immunology</i> , 2013 , 191, 5013-25	5.3	44
25	Alloantibodies to a paternally derived RBC KEL antigen lead to hemolytic disease of the fetus/newborn in a murine model. <i>Blood</i> , 2013 , 122, 1494-504	2.2	33

24	A novel role for C3 in antibody-induced red blood cell clearance and antigen modulation. <i>Blood</i> , 2013 , 122, 1793-801	2.2	48
23	KEL RBC Transfusion Induces IgG Anti-KEL Antibodies Independent Of CD4 T Cells. <i>Blood</i> , 2013 , 122, 41-41	2.2	1
22	Storage-Induced Clearance Of RBCs Following Transfusion Occurs Independent Of RBC Age. <i>Blood</i> , 2013 , 122, 792-792	2.2	1
21	Transfusion Of RBCs With Low-Density KEL Induces Tolerance To The KEL Antigen. <i>Blood</i> , 2013 , 122, 1160-1160	2.2	
20	Initiation and regulation of complement during hemolytic transfusion reactions. <i>Clinical and Developmental Immunology</i> , 2012 , 2012, 307093		52
19	Development of a Murine Model of Weak Kel: Similarities to Weak Rh(D). <i>Blood</i> , 2012 , 120, 842-842	2.2	1
18	Marginal Zone B Cells Mediate Alloantibody Formation to a Clinically Significant Human RBC Antigen in a Murine Model. <i>Blood</i> , 2012 , 120, 843-843	2.2	2
17	CD45 is a Major Receptor Involved in Galectin-8 Signaling of Preapoptosis in HL-60 cells. <i>FASEB Journal</i> , 2012 , 26, 795.1	0.9	
16	A Genetic Basis for Donor Variation in Generation of Prostaglandins and Leukotrienes in Stored RBCs Using a Mouse Model. <i>Blood</i> , 2012 , 120, 844-844	2.2	
15	Cellular Protection Against Antibodies Occurs Through a Complement-Independent Pathway. <i>Blood</i> , 2012 , 120, 3290-3290	2.2	
14	Expanding the universe of cytokines and pattern recognition receptors: galectins and glycans in innate immunity. <i>Journal of Clinical Immunology</i> , 2011 , 31, 10-21	5.7	85
13	Identification and characterization of endogenous galectins expressed in Madin Darby canine kidney cells. <i>Journal of Biological Chemistry</i> , 2011 , 286, 6780-90	5.4	41
12	Innate immune lectins kill bacteria expressing blood group antigen. <i>Nature Medicine</i> , 2010 , 16, 295-301	50.5	223
11	Differential expression of immunomodulatory galectin-1 in peripheral leukocytes and adult tissues and its cytosolic organization in striated muscle. <i>Glycobiology</i> , 2010 , 20, 507-20	5.8	36
10	Ligand reduces galectin-1 sensitivity to oxidative inactivation by enhancing dimer formation. <i>Journal of Biological Chemistry</i> , 2009 , 284, 4989-99	5.4	74
9	Galectin-1 induces reversible phosphatidylserine exposure at the plasma membrane. <i>Molecular Biology of the Cell</i> , 2009 , 20, 1408-18	3.5	76
8	Dimeric Galectin-8 induces phosphatidylserine exposure in leukocytes through polylectosamine recognition by the C-terminal domain. <i>Journal of Biological Chemistry</i> , 2008 , 283, 20547-59	5.4	112
7	Human tumor antigens Tn and sialyl Tn arise from mutations in Cosmc. <i>Cancer Research</i> , 2008 , 68, 1636-46.1	46.1	202

6	Differential roles of galectin-1 and galectin-3 in regulating leukocyte viability and cytokine secretion. <i>Journal of Immunology</i> , 2008 , 180, 3091-102	5.3	193
5	Galectin-1, -2, and -3 exhibit differential recognition of sialylated glycans and blood group antigens. <i>Journal of Biological Chemistry</i> , 2008 , 283, 10109-23	5.4	322
4	Degeneration of dystrophic or injured skeletal muscles induces high expression of Galectin-1. <i>Glycobiology</i> , 2008 , 18, 842-50	5.8	28
3	Galectin-1 signaling in leukocytes requires expression of complex-type N-glycans. <i>Glycobiology</i> , 2008 , 18, 770-8	5.8	35
2	Human galectin-1, -2, and -4 induce surface exposure of phosphatidylserine in activated human neutrophils but not in activated T cells. <i>Blood</i> , 2007 , 109, 219-27	2.2	124
1	Human galectin-1 recognition of poly-N-acetyllactosamine and chimeric polysaccharides. <i>Glycobiology</i> , 2004 , 14, 157-67	5.8	94