

Red blood cell deformability, membrane material properties, transmembrane, skeletal and cytosolic proteins and lipids

Seminars in Hematology
30, 171-92

Citation Report

#	ARTICLE	IF	CITATIONS
1	Cooperative action between band 3 and glycophorin A in human erythrocytes: immobilization of band 3 induced by antibodies to glycophorin A. <i>Biophysical Journal</i> , 1994, 66, 1726-1732.	0.2	69
2	Physical measurements of bilayer-skeletal separation forces. <i>Annals of Biomedical Engineering</i> , 1995, 23, 308-321.	1.3	88
3	Modulation of Erythrocyte Membrane Mechanical Function by \hat{I}^2 -Spectrin Phosphorylation and Dephosphorylation. <i>Journal of Biological Chemistry</i> , 1995, 270, 5659-5665.	1.6	125
4	Conductometric study of erythrocytes during centrifugation. II. Erythrocyte deformability. <i>Lipids and Lipid Metabolism</i> , 1995, 1256, 194-200.	2.6	6
5	PATHOPHYSIOLOGY OF VASO-OCCLUSION. <i>Hematology/Oncology Clinics of North America</i> , 1996, 10, 1221-1239.	0.9	53
6	Effect of temperature on the resistance of individual red blood cells to flow through capillary-sized apertures. <i>Pflugers Archiv European Journal of Physiology</i> , 1996, 432, 753-759.	1.3	35
7	Red cell abnormalities in hereditary spherocytosis: Relevance to diagnosis and understanding of the variable expression of clinical severity. <i>Translational Research</i> , 1996, 128, 259-269.	2.4	122
8	Modulation of Band 3-Ankyrin Interaction by Protein 4.1. <i>Journal of Biological Chemistry</i> , 1996, 271, 33187-33191.	1.6	78
9	Identification of \hat{A} -Spectrin Domains Susceptible to Ubiquitination. <i>Journal of Biological Chemistry</i> , 1997, 272, 2977-2983.	1.6	8
10	Defining the Minimal Domain of the Plasmodium falciparum Protein MESA Involved in the Interaction with the Red Cell Membrane Skeletal Protein 4.1. <i>Journal of Biological Chemistry</i> , 1997, 272, 15299-15306.	1.6	55
12	Micropipette aspiration of human erythrocytes induces echinocytes via membrane phospholipid translocation. <i>Biophysical Journal</i> , 1997, 72, 1434-1441.	0.2	39
13	Regulation of CD44-Protein 4.1 Interaction by Ca^{2+} and Calmodulin. <i>Journal of Biological Chemistry</i> , 1997, 272, 30322-30328.	1.6	119
14	Regulation of red blood cell filterability by Ca^{2+} influx and cAMP-mediated signaling pathways. <i>American Journal of Physiology - Cell Physiology</i> , 1997, 273, C1828-C1834.	2.1	89
15	Membrane cation and anion transport activities in erythrocytes of hereditary spherocytosis: Effects of different membrane protein defects. , 1997, 55, 121-128.		40
16	Production of prostaglandins E1 and E2 by adult human red blood cells. <i>Prostaglandins and Other Lipid Mediators</i> , 1998, 56, 89-101.	1.0	21
17	Gadolinium-bearing red cells as blood pool MRI contrast agents. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 133-142.	1.9	33
18	Erythrocyte deformability in zinc deficiency measured as a function of shear stress in the ektacytometer. <i>Journal of Nutritional Biochemistry</i> , 1998, 9, 457-463.	1.9	2
19	Morphological study by an 'in vivo cryotechnique' of the shape of erythrocytes circulating in large blood vessels. <i>Journal of Anatomy</i> , 1998, 193, 73-79.	0.9	22

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20	Altered Membrane Skeleton of Hydroxyethylstarch-Cryopreserved Human Erythrocytes. <i>Cryobiology</i> , 1998, 36, 115-123.	0.3	12
21	Temperature Transitions of Protein Properties in Human Red Blood Cells. <i>Biophysical Journal</i> , 1998, 75, 3179-3183.	0.2	60
22	Structure of the Erythrocyte Membrane Skeleton as Observed by Atomic Force Microscopy. <i>Biophysical Journal</i> , 1998, 74, 2171-2183.	0.2	123
23	Erythrocytes. , 1998, , 833-841.		2
24	Fluorescence correlation spectroscopy analysis of the hydrophobic interactions of protein 4.1 with phosphatidyl serine liposomes. <i>Biophysical Chemistry</i> , 1999, 82, 149-155.	1.5	29
25	Enhanced adherence of β^2 -thalassaemic erythrocytes to endothelial cells. <i>British Journal of Haematology</i> , 1999, 106, 178-181.	1.2	76
26	Alteration of red cell aggregability and shape during blood storage. <i>Transfusion</i> , 1999, 39, 277-281.	0.8	155
27	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.	0.7	13
28	Ethanol Improves Decreased Filterability of Human Red Blood Cells Through Modulation of Intracellular Signaling Pathways. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 352-357.	1.4	12
29	Regulation of erythrocyte ghost membrane mechanical stability by chlorpromazine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1512, 285-290.	1.4	12
30	The malaria-infected red blood cell: Structural and functional changes. <i>Advances in Parasitology</i> , 2001, 50, 1-86.	1.4	172
31	Regulation of red cell membrane protein interactions: implications for red cell function. <i>Current Opinion in Hematology</i> , 2001, 8, 80-84.	1.2	28
32	Temporal differences in membrane loss lead to distinct reticulocyte features in hereditary spherocytosis and in immune hemolytic anemia. <i>Blood</i> , 2001, 98, 2894-2899.	0.6	76
33	Flow cytometric analysis of the association between blood group-related proteins and the detergent-insoluble material of K562 cells and erythroid precursors. <i>British Journal of Haematology</i> , 2001, 113, 680-688.	1.2	35
35	Reversible erythrocyte skeleton destabilization is modulated by beta-spectrin phosphorylation in childhood leukemia. <i>Leukemia</i> , 2001, 15, 440-444.	3.3	10
36	Mechanisms by Which Intracellular Calcium Induces Susceptibility to Secretory Phospholipase A2 in Human Erythrocytes. <i>Journal of Biological Chemistry</i> , 2001, 276, 22732-22741.	1.6	55
37	Analysis of Integral Membrane Protein Contributions to the Deformability and Stability of the Human Erythrocyte Membrane. <i>Journal of Biological Chemistry</i> , 2001, 276, 46968-46974.	1.6	38
38	Regulation of the Glycophorin C-Protein 4.1 Membrane-to-Skeleton Bridge and Evaluation of Its Contribution to Erythrocyte Membrane Stability. <i>Journal of Biological Chemistry</i> , 2001, 276, 22223-22230.	1.6	51

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39	Identification of a functional role for lipid asymmetry in biological membranes: Phosphatidylserine-skeletal protein interactions modulate membrane stability. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1943-1948.	3.3	222
40	Shear-Response of the Spectrin Dimer-Tetramer Equilibrium in the Red Blood Cell Membrane. Journal of Biological Chemistry, 2002, 277, 31796-31800.	1.6	88
41	Two Distinct Domains of Protein 4.1 Critical for Assembly of Functional Nuclei in Vitro. Journal of Biological Chemistry, 2002, 277, 44339-44346.	1.6	36
42	Mapping of a spectrin-binding domain of human erythrocyte membrane protein 4.2. Biochemical Journal, 2002, 364, 841-847.	1.7	19
43	2-Butoxyethanol enhances the adherence of red blood cells. Archives of Toxicology, 2003, 77, 465-469.	1.9	18
44	Red blood cell rheology in sepsis. Intensive Care Medicine, 2003, 29, 1052-1061.	3.9	179
45	Alterations in sensitivity to calcium and enzymatic hydrolysis of membranes from sickle cell disease and trait erythrocytes. American Journal of Hematology, 2003, 72, 162-169.	2.0	9
46	Function, expression and localization of annexin A7 in platelets and red blood cells: insights derived from an annexin A7 mutant mouse. BMC Biochemistry, 2003, 4, 8.	4.4	36
47	Tropomodulin binds to filensin intermediate filaments. FEBS Letters, 2003, 547, 228-232.	1.3	18
48	Membrane Lipids and Proteins as a Basis of Red Cell Shape and its Alterations. , 2003, , 27-60.		12
49	Alterations of red blood cell shape and sialic acid membrane content in septic patients. Critical Care Medicine, 2003, 31, 2156-2162.	0.4	576
50	Cyclosporin A-Associated Changes in Red Blood Cell Membrane Composition, Deformability, Blood and Plasma Viscosity in Rats. Acta Haematologica, 2004, 112, 184-188.	0.7	3
51	Direct interaction between the Lu/B-CAM adhesion glycoproteins and erythroid spectrin. British Journal of Haematology, 2004, 126, 255-264.	1.2	39
52	Identification of a piroplasm protein of Theileria orientalis that binds to bovine erythrocyte band 3. Molecular and Biochemical Parasitology, 2004, 137, 193-200.	0.5	8
53	Elastic properties of the red blood cell membrane that determine echinocyte deformability. European Biophysics Journal, 2004, 33, 1-15.	1.2	37
54	Evidence that rehydrated, lyophilized red blood cells are sufficiently deformable for normal microcirculation transit. Microscopy Research and Technique, 2004, 65, 62-71.	1.2	6
55	Hereditary elliptocytosis: spectrin and protein 4.1R. Seminars in Hematology, 2004, 41, 142-164.	1.8	178
56	Divalent Cations Increase Lipid Order in Erythrocytes and Susceptibility to Secretory Phospholipase A2. Biophysical Journal, 2004, 86, 2251-2260.	0.2	33

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58	Topographical significance of membrane skeletal component protein 4.1B in mammalian organs. Kaibogaku Zasshi Journal of Anatomy, 2005, 80, 61-70.	1.2	3
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61	Modulation of Erythrocyte Membrane Mechanical Function by Protein 4.1 Phosphorylation. Journal of Biological Chemistry, 2005, 280, 7581-7587.	1.6	171
62	Effect of Erythropoietin Therapy on Red Cells Filterability and Left Ventricular Mass in Predialysis Patients. Renal Failure, 2005, 27, 177-182.	0.8	7
63	Effect of antioxidant vitamin treatment on the time course of hematological and hemorheological alterations after an exhausting exercise episode in human subjects. Journal of Applied Physiology, 2005, 98, 1272-1279.	1.2	45
64	Steady-state haemoglobin level in sickle cell anaemia increases with an increase in erythrocyte membrane n-3 fatty acids. Prostaglandins Leukotrienes and Essential Fatty Acids, 2005, 72, 415-421.	1.0	23
65	Pitting of malaria parasites and spherocyte formation. Malaria Journal, 2006, 5, 64.	0.8	15
66	New insights into function of red cell membrane proteins and their interaction with spectrin-based membrane skeleton. Transfusion Clinique Et Biologique, 2006, 13, 29-30.	0.2	21
67	Clinical consequences of red cell storage in the critically ill. Transfusion, 2006, 46, 2014-2027.	0.8	522
68	Rh proteins: Key structural and functional components of the red cell membrane. Blood Reviews, 2006, 20, 93-110.	2.8	109
69	Comparative analysis of RBC membrane fatty acids, proteins and glycoporphin in patients with heterozygous beta thalassemia and iron deficiency anemia. Indian Journal of Clinical Biochemistry, 2006, 21, 28-33.	0.9	11
70	Effect of 2,6-di-O-methyl- α -cyclodextrin on hemolysis and morphological change in rabbit's red blood cells. European Journal of Pharmaceutical Sciences, 2006, 29, 111-119.	1.9	38
71	Assessment of erythrocyte shape by flow cytometry techniques. Journal of Clinical Pathology, 2006, 60, 549-554.	1.0	62
72	Effect of l-carnitine administration on erythrocyte survival in haemodialysis patients. Nephrology Dialysis Transplantation, 2006, 21, 2671-2672.	0.4	15
73	In-depth analysis of the membrane and cytosolic proteome of red blood cells. Blood, 2006, 108, 791-801.	0.6	388
74	Erythrocyte remodeling by malaria parasites. Current Opinion in Hematology, 2007, 14, 203-209.	1.2	80

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76	Pillar cell and erythrocyte localization of fugu ETA receptor and its implication. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 149-155.	1.0	9
77	Blood banking-induced alteration of red blood cell flow properties. <i>Transfusion</i> , 2008, 48, 136-146.	0.8	130
78	Functional alterations of rabbit erythrocytes induced by <i>Loxosceles gaucho</i> venom. <i>Human and Experimental Toxicology</i> , 2007, 26, 817-821.	1.1	5
79	Role of red blood cell flow behavior in hemodynamics and hemostasis. <i>Expert Review of Cardiovascular Therapy</i> , 2007, 5, 743-752.	0.6	80
80	Acute Hemolytic Anemia With Acanthocytosis Associated With High-Dose Misoprostol for Medical Abortion. <i>Annals of Emergency Medicine</i> , 2007, 50, 289-291.	0.3	10
81	The effects of low dose aluminum on hemorheological and hematological parameters in rats. <i>Archives of Toxicology</i> , 2007, 81, 11-17.	1.9	21
82	RBC membrane composition in insulin dependent diabetes mellitus in context of oxidative stress. <i>Indian Journal of Clinical Biochemistry</i> , 2008, 23, 223-226.	0.9	28
83	Differential effect of materials for surface hemostasis on red blood cell morphology. <i>Microscopy Research and Technique</i> , 2008, 71, 721-729.	1.2	19
84	The Erythrocyte. , 2008, , 173-240.		31
85	Phenylhydrazine as a partial model for β -thalassaemia red blood cell hemodynamic properties. <i>British Journal of Haematology</i> , 2008, 140, 692-700.	1.2	29
86	Disorders of red cell membrane. <i>British Journal of Haematology</i> , 2008, 141, 367-375.	1.2	261
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88	Hereditary spherocytosis. <i>Lancet, The</i> , 2008, 372, 1411-1426.	6.3	512
89	Chapter 12 Three-Dimensional Molecular Architecture of the Plasma-Membrane-Associated Cytoskeleton as Reconstructed by Freeze-Etch Electron Tomography. <i>Methods in Cell Biology</i> , 2008, 88, 207-236.	0.5	17
90	Red cell membrane: past, present, and future. <i>Blood</i> , 2008, 112, 3939-3948.	0.6	844
91	A Structural Model of the Erythrocyte Spectrin Heterodimer Initiation Site Determined Using Homology Modeling and Chemical Cross-linking. <i>Journal of Biological Chemistry</i> , 2008, 283, 1553-1562.	1.6	22
92	Non-classical processes in surface hemostasis: mechanisms for the poly- <i>N</i> -acetyl glucosamine-induced alteration of red blood cell morphology and surface prothrombogenicity. <i>Biomedical Materials (Bristol)</i> , 2008, 3, 015009.	1.7	36

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93	HEMORHEOLOGICAL PARAMETERS IN CHILDREN WITH IRON-DEFICIENCY ANEMIA AND THE ALTERATIONS IN THESE PARAMETERS IN RESPONSE TO IRON REPLACEMENT. <i>Pediatric Hematology and Oncology</i> , 2009, 26, 108-118.	0.3	14
94	Hereditary spherocytosis and elliptocytosis associated with prosthetic heart valve replacement: rheological study of erythrocyte modifications. <i>International Journal of Hematology</i> , 2009, 89, 285-293.	0.7	6
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98	Effect of Sulfite Treatment on Erythrocyte Deformability in Young and Aged Rats. <i>Toxicology Mechanisms and Methods</i> , 2009, 19, 19-23.	1.3	6
99	Malaria parasite proteins that remodel the host erythrocyte. <i>Nature Reviews Microbiology</i> , 2009, 7, 341-354.	13.6	340
100	Adducin forms a bridge between the erythrocyte membrane and its cytoskeleton and regulates membrane cohesion. <i>Blood</i> , 2009, 114, 1904-1912.	0.6	127
101	Imaging of the diffusion of single band 3 molecules on normal and mutant erythrocytes. <i>Blood</i> , 2009, 113, 6237-6245.	0.6	81
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103	Impaired Erythrocyte Filterability of Spontaneously Hypertensive Rats: Investigation by Nickel Mesh Filtration Technique. <i>Circulation Journal</i> , 2010, 74, 129-136.	0.7	24
104	Changes of local and systemic hemorheological properties in intestinal ischemiaâ€reperfusion injury in the rat model. <i>Microsurgery</i> , 2010, 30, 321-326.	0.6	11
105	Red blood cell (RBC) membrane proteomics â€” Part I: Proteomics and RBC physiology. <i>Journal of Proteomics</i> , 2010, 73, 403-420.	1.2	58
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107	Is red blood cell rheology preserved during routine blood bank storage?. <i>Transfusion</i> , 2010, 50, 941-948.	0.8	59
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110	Reduced erythrocyte deformability in active and untreated Behçetâ€™s disease patients. <i>International Journal of Dermatology</i> , 2010, 49, 167-171.	0.5	11

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112	Drug-induced Hemolytic Anemia and Thrombocytopenia Associated with Alterations of Cell Membrane Lipids and Acanthocyte Formation. <i>Toxicologic Pathology</i> , 2010, 38, 907-922.	0.9	18
113	Tank-Treading of Erythrocytes in Strong Shear Flows via a Nonstiff Cytoskeleton-Based Continuum Computational Modeling. <i>Biophysical Journal</i> , 2010, 99, 2906-2916.	0.2	49
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115	Red blood cell proteomics. <i>Transfusion Clinique Et Biologique</i> , 2010, 17, 151-164.	0.2	19
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122	Spectroscopic analysis of irradiated erythrocytes. <i>Radiation Physics and Chemistry</i> , 2011, 80, 1337-1342.	1.4	7
123	Role of the interaction between puerarin and the erythrocyte membrane in puerarin-induced hemolysis. <i>Chemico-Biological Interactions</i> , 2011, 192, 184-192.	1.7	35
124	Impaired deformability of erythrocytes in diabetic rat and human: investigation by the nickel-mesh-filtration technique. <i>Journal of Biorheology</i> , 2011, 25, 18-26.	0.2	8
125	The effects of size and period of administration of gold nanoparticles on rheological parameters of blood plasma of rats over a wide range of shear rates: In vivo. <i>Lipids in Health and Disease</i> , 2011, 10, 191.	1.2	11
126	Atomic force microscopy demonstration of cytoskeleton instability in mouse erythrocytes with dematin β and β -adducin deficiency. <i>Scanning</i> , 2011, 33, 426-436.	0.7	5
127	Oscillatory tank-treading motion of erythrocytes in shear flows. <i>Physical Review E</i> , 2011, 84, 011913.	0.8	20
128	Structural protein 4.1R is integrally involved in nuclear envelope protein localization, centrosome β -nucleus association and transcriptional signaling. <i>Journal of Cell Science</i> , 2011, 124, 1433-1444.	1.2	26
129	The Rho kinase inhibitor Y-27632 increases erythrocyte deformability and low oxygen tension-induced ATP release. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H1891-H1896.	1.5	21
130	Analysis of the variation in the determination of the shear modulus of the erythrocyte membrane: Effects of the constitutive law and membrane modeling. <i>Physical Review E</i> , 2012, 85, 041917.	0.8	44
131	Identification of a Novel Role for Dematin in Regulating Red Cell Membrane Function by Modulating Spectrin-Actin Interaction. <i>Journal of Biological Chemistry</i> , 2012, 287, 35244-35250.	1.6	42
132	Analysis of the Mobilities of Band 3 Populations Associated with Ankyrin Protein and Junctional Complexes in Intact Murine Erythrocytes. <i>Journal of Biological Chemistry</i> , 2012, 287, 4129-4138.	1.6	35

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134	Structure and function in native and pathological erythrocytes: A quantitative view from the nanoscale. <i>Micron</i> , 2012, 43, 1273-1286.	1.1	62
135	Improvement of diabetic or obese patients' erythrocyte deformability by the program of the brain-oriented obesity control system (BOOCS). <i>Journal of Physiological Sciences</i> , 2012, 62, 445-451.	0.9	2
136	Identification of Contact Sites between Ankyrin and Band 3 in the Human Erythrocyte Membrane. <i>Biochemistry</i> , 2012, 51, 6838-6846.	1.2	41
137	Fabrication of Red Blood Cell-Like Polyelectrolyte Microcapsules and Their Deformation and Recovery Behavior Through a Microcapillary. <i>Advanced Materials</i> , 2013, 25, 5814-5818.	11.1	79
138	Transient dynamics of an elastic capsule in a microfluidic constriction. <i>Soft Matter</i> , 2013, 9, 8844.	1.2	49
140	Modulatory role of quercetin against gamma radiation-mediated biochemical and morphological alterations of red blood cells. <i>International Journal of Radiation Biology</i> , 2013, 89, 471-481.	1.0	20
141	Human erythrocytes as drug carriers: Loading efficiency and side effects of hypotonic dialysis, chlorpromazine treatment and fusion with liposomes. <i>Journal of Controlled Release</i> , 2013, 170, 343-351.	4.8	48
142	Hereditary spherocytosis, elliptocytosis, and other red cell membrane disorders. <i>Blood Reviews</i> , 2013, 27, 167-178.	2.8	294
143	Simvastatin and GGTI-2133, a geranylgeranyl transferase inhibitor, increase erythrocyte deformability but reduce low O ₂ tension-induced ATP release. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H660-H666.	1.5	10
144	Red blood cells in sports: effects of exercise and training on oxygen supply by red blood cells. <i>Frontiers in Physiology</i> , 2013, 4, 332.	1.3	276
145	Microparticles in Health and Disease. <i>Journal of Veterinary Internal Medicine</i> , 2013, 27, 1020-1033.	0.6	89
146	Effects of ethanol on red blood cell rheological behavior. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 56, 87-99.	0.9	10
147	The Functional Significance of the Rho/Rho-Kinase Pathway in Human Erythrocytes. <i>Turkish Journal of Haematology</i> , 2014, 31, 168-174.	0.2	8
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149	Mechanical response of red blood cells entering a constriction. <i>Biomicrofluidics</i> , 2014, 8, 064123.	1.2	23
150	The Fluid-Mosaic Model of Membrane Structure: Still relevant to understanding the structure, function and dynamics of biological membranes after more than 40 years. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1451-1466.	1.4	513
151	Diagnostic morphology: biophysical indicators for iron-driven inflammatory diseases. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 486-510.	0.6	127

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152	Super-Soft Hydrogel Particles with Tunable Elasticity in a Microfluidic Blood Capillary Model. <i>Advanced Materials</i> , 2014, 26, 7295-7299.	11.1	107
153	Alteration Young's moduli by protein 4.1 phosphorylation play a potential role in the deformability development of vertebrate erythrocytes. <i>Journal of Biomechanics</i> , 2014, 47, 3400-3407.	0.9	6
154	Particle Margination and Its Implications on Intravenous Anticancer Drug Delivery. <i>AAPS PharmSciTech</i> , 2014, 15, 762-771.	1.5	64
155	Characteristics of the functional state of erythrocytes in healthy full-term newborn infants. <i>Human Physiology</i> , 2014, 40, 164-170.	0.1	0
156	Fabrication of biconcave discoidal silica capsules and their uptake behavior by smooth muscle cells. <i>Journal of Colloid and Interface Science</i> , 2014, 426, 124-130.	5.0	7
157	Erythrocytes-based synthetic delivery systems: transition from conventional to novel engineering strategies. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 1219-1236.	2.4	30
158	Storage-Induced Damage to Red Blood Cell Mechanical Properties Can Be Only Partially Reversed by Rejuvenation. <i>Transfusion Medicine and Hemotherapy</i> , 2014, 41, 197-204.	0.7	48
159	Impaired deformability of circulating erythrocytes obtained from nondiabetic hypertensive patients: investigation by a nickel mesh filtration technique. <i>Clinical Hypertension</i> , 2015, 21, 17.	0.7	21
160	Effects of nitric oxide and its congeners on sickle red blood cell deformability. <i>Transfusion</i> , 2015, 55, 2464-2472.	0.8	39
161	The Effects of Ethanol on the Morphological and Biochemical Properties of Individual Human Red Blood Cells. <i>PLoS ONE</i> , 2015, 10, e0145327.	1.1	43
162	Salvianolic Acids Attenuate Rat Hippocampal Injury after Acute CO Poisoning by Improving Blood Flow Properties. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	1
163	Automatic real time evaluation of red blood cell elasticity by optical tweezers. <i>Review of Scientific Instruments</i> , 2015, 86, 053702.	0.6	14
164	Fluorescence assay of the interaction between hemoglobin and the cytoplasmic domain of erythrocyte membrane band 3. <i>Blood Cells, Molecules, and Diseases</i> , 2015, 55, 266-271.	0.6	11
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