Donald E Brooks

List of Publications by Year
in descending order

145 papers	8,635 citations	30070 54 h-index	46799 89 g-index
149 all docs	149 docs citations	149 times ranked	7434 citing authors

#	Article	IF	Citations
1	Evaluation of hyperbranched polyglycerol for cold perfusion and storage of donor kidneys in a pig model of kidney autotransplantation. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 853-863.	3.4	1
2	Development of Antifouling and Bactericidal Coatings for Platelet Storage Bags Using Dopamine Chemistry. Advanced Healthcare Materials, 2018, 7, 1700839.	7.6	19
3	Polymerâ€“Nanoparticle Interaction as a Design Principle in the Development of a Durable Ultrathin Universal Binary Antibiofilm Coating with Long-Term Activity. ACS Nano, 2018, 12, 11881-11891.	14.6	51
4	Oncotically Driven Control over Glycocalyx Dimension for Cell Surface Engineering and Protein Binding in the Longitudinal Direction. Scientific Reports, 2018, 8, 7581.	3.3	9
5	Anti-adhesive antimicrobial peptide coating prevents catheter associated infection in a mouse urinary infection model. Biomaterials, 2017, 116, 69-81.	11.4	203
6	Hyperbranched polyglycerols: recent advances in synthesis, biocompatibility and biomedical applications. Journal of Materials Chemistry B, 2017, 5, 9249-9277.	5.8	113
7	Cold preservation with hyperbranched polyglycerol-based solution improves kidney functional recovery with less injury at reperfusion in rats. American Journal of Translational Research (discontinued), 2017, 9, 429-441.	0.0	5
8	Do plasma proteins adsorb to red cells?. Clinical Hemorheology and Microcirculation, 2016, 9, 695-714.	1.7	9
9	Effect of texture of platelet bags on bacterial and platelet adhesion. Transfusion, 2016, 56, 2808-2818.	1.6	10
10	Advantages of replacing hydroxyethyl starch in University of Wisconsin solution with hyperbranched polyglycerol for cold kidney perfusion. Journal of Surgical Research, 2016, 205, 59-69.	1.6	5
11	Choline phosphate functionalized cellulose membrane: A potential hemostatic dressing based on a unique bioadhesion mechanism. Acta Biomaterialia, 2016, 40, 212-225.	8.3	30
12	Reversible hemostatic properties of sulfabetaine/quaternary ammonium modified hyperbranched polyglycerol. Biomaterials, 2016, 86, 42-55.	11.4	120
13	Progesterone binding nano-carriers based on hydrophobically modified hyperbranched polyglycerols. Nanoscale, 2016, 8, 5189-5199.	5.6	7
14	Hyperbranched Polyglycerol as a Colloid in Cold Organ Preservation Solutions. PLoS ONE, 2015, 10, e0116595.	2.5	16
15	Affinity-based design of a synthetic universal reversal agent for heparin anticoagulants. Science Translational Medicine, 2014, 6, 260ra150.	12.4	69
16	A Thermoreversible Poly(Choline Phosphate) Based Universal Biomembrane Adhesive. Macromolecular Bioscience, 2014, 14, 334-339.	4.1	12
17	Back Cover: Macromol. Biosci. 3/2014. Macromolecular Bioscience, 2014, 14, 451-451.	4.1	0
18	A pH and thermosensitive choline phosphate-based delivery platform targeted to the acidic tumor microenvironment. Biomaterials, 2014, 35, 278-286.	11.4	61

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19	Thermal Reversal of Polyvalent Choline Phosphate, a Multivalent Universal Biomembrane Adhesive. Biomacromolecules, 2013, 14, 2611-2621.	5.4	25
20	ATRP synthesis of poly(2-(methacryloyloxy)ethyl choline phosphate): a multivalent universal biomembrane adhesive. Chemical Communications, 2013, 49, 6831.	4.1	44
21	Biodegradable polyglycerols with randomly distributed ketal groups as multi-functional drug delivery systems. Biomaterials, 2013, 34, 6068-6081.	11.4	49
22	Therapeutic Cells via Functional Modification: Influence of Molecular Properties of Polymer Grafts on In Vivo Circulation, Clearance, Immunogenicity, and Antigen Protection. Biomacromolecules, 2013, 14, 2052-2062.	5.4	20
23	Solventâ€assisted anionic ring opening polymerization of glycidol: Toward medium and high molecular weight hyperbranched polyglycerols. Journal of Polymer Science Part A, 2013, 51, 2614-2621.	2.3	38
24	Antigens Protected Functional Red Blood Cells By The Membrane Grafting Of Compact Hyperbranched Polyglycerols. Journal of Visualized Experiments, 2013, , .	0.3	5
25	Influence of polymer architecture on antigens camouflage, CD47 protection and complement mediated lysis of surface grafted red blood cells. Biomaterials, 2012, 33, 7871-7883.	11.4	28
26	Hyperbranched Polyglycerols as Trimodal Imaging Agents: Design, Biocompatibility, and Tumor Uptake. Bioconjugate Chemistry, 2012, 23, 372-381.	3.6	45
27	Polyvalent choline phosphate as a universal biomembrane adhesive. Nature Materials, 2012, 11, 468-476.	27.5	154
28	Long-circulating non-toxic blood pool imaging agent based on hyperbranched polyglycerols. International Journal of Pharmaceutics, 2012, 422, 418-427.	5.2	38
29	Tissue uptake of docetaxel loaded hydrophobically derivatized hyperbranched polyglycerols and their effects on the morphology of the bladder urothelium. Biomaterials, 2012, 33, 692-703.	11.4	31
30	InÂvivo circulation, clearance, and biodistribution of polyglycerol grafted functional red blood cells. Biomaterials, 2012, 33, 3047-3057.	11.4	46
31	In Vitro and In Vivo Evaluation of Intravesical Docetaxel Loaded Hydrophobically Derivatized Hyperbranched Polyglycerols in an Orthotopic Model of Bladder Cancer. Biomacromolecules, 2011, 12, 949-960.	5.4	27
32	Antibacterial Surfaces Based on Polymer Brushes: Investigation on the Influence of Brush Properties on Antimicrobial Peptide Immobilization and Antimicrobial Activity. Biomacromolecules, 2011, 12, 3715-3727.	5.4	132
33	Synthesis and Characterization of Carboxylic Acid Conjugated, Hydrophobically Derivatized, Hyperbranched Polyglycerols as Nanoparticulate Drug Carriers for Cisplatin. Biomacromolecules, 2011, 12, 145-155.	5.4	72
34	The biocompatibility and biofilm resistance of implant coatings based on hydrophilic polymer brushes conjugated with antimicrobial peptides. Biomaterials, 2011, 32, 3899-3909.	11.4	351
35	Sizeâ€Đependant Cellular Uptake of Dendritic Polyglycerol. Small, 2011, 7, 820-829.	10.0	56
36	The Role of Dimension in Multivalent Binding Events: Structureâ€“Activity Relationship of Dendritic Polyglycerol Sulfate Binding to <scp>L</scp>â€Selectin in Correlation with Size and Surface Charge Density. Macromolecular Bioscience, 2011, 11, 1088-1098.	4.1	67

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37	Bending and Stretching Actuation of Soft Materials through Surfaceâ€Initiated Polymerization. Angewandte Chemie - International Edition, 2011, 50, 5116-5119.	13.8	25
38	Development and in vitro characterization of paclitaxel and docetaxel loaded into hydrophobically derivatized hyperbranched polyglycerols. International Journal of Pharmaceutics, 2011, 404, 238-249.	5.2	27
39	In vivo Evaluation of Mucoadhesive Nanoparticulate Docetaxel for Intravesical Treatment of Nonâ€“Muscle-Invasive Bladder Cancer. Clinical Cancer Research, 2011, 17, 2788-2798.	7.0	52
40	A Novel Polymer Based Antidote for Reversing the Anticoagulation Effect of Clinically Used Heparins,. Blood, 2011, 118, 3359-3359.	1.4	3
41	The influence of poly-N-[(2,2-dimethyl-1,3-dioxolane)methyl]acrylamide onÂfibrin polymerization, cross-linking and clot structure. Biomaterials, 2010, 31, 5749-5758.	11.4	19
42	The induction of thrombus generation on nanostructured neutral polymer brush surfaces. Biomaterials, 2010, 31, 6710-6718.	11.4	56
43	Inhibitory Effect of Hydrophilic Polymer Brushes on Surfaceâ€Induced Platelet Activation and Adhesion. Macromolecular Bioscience, 2010, 10, 1432-1443.	4.1	25
44	Adsorption of amphiphilic hyperbranched polyglycerol derivatives onto human red blood cells. Biomaterials, 2010, 31, 3364-3373.	11.4	58
45	Red blood cell membrane grafting of multi-functional hyperbranched polyglycerols. Biomaterials, 2010, 31, 4167-4178.	11.4	79
46	Enhanced Cell Surface Polymer Grafting in Concentrated and Nonreactive Aqueous Polymer Solutions. Journal of the American Chemical Society, 2010, 132, 3423-3430.	13.7	60
47	Nonbiofouling Polymer Brush with Latent Aldehyde Functionality as a Template for Protein Micropatterning. Biomacromolecules, 2010, 11, 284-293.	5.4	25
48	High Molecular Weight Polyglycerol-Based Multivalent Mannose Conjugates. Biomacromolecules, 2010, 11, 2567-2575.	5.4	21
49	Paclitaxel incorporated in hydrophobically derivatized hyperbranched polyglycerols for intravesical bladder cancer therapy. BJU International, 2009, 103, 978-986.	2.5	73
50	Barrier Capacity of Hydrophilic Polymer Brushes To Prevent Hydrophobic Interactions: Effect of Graft Density and Hydrophilicity. Macromolecules, 2009, 42, 4817-4828.	4.8	51
51	Surface Modification of Polyvinyl Chloride Sheets via Growth of Hydrophilic Polymer Brushes. Macromolecules, 2009, 42, 3258-3268.	4.8	58
52	Poly(oligo(ethylene glycol)acrylamide) Brushes by Surface Initiated Polymerization: Effect of Macromonomer Chain Length on Brush Growth and Protein Adsorption from Blood Plasma. Langmuir, 2009, 25, 3794-3801.	3.5	72
53	Hydrophobically derivatized hyperbranched polyglycerol as a human serum albumin substitute. Biomaterials, 2008, 29, 1693-1704.	11.4	93
54	Conjugation to Hyperbranched Polyglycerols Improves RGD-Mediated Inhibition of Platelet Function in Vitro. Bioconjugate Chemistry, 2008, 19, 1241-1247.	3.6	31

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55	A Novel Functional Polymer with Tunable LCST. Macromolecules, 2008, 41, 5393-5405.	4.8	70
56	Synthesis of Thermoresponsive Mixed Arm Star Polymers by Combination of RAFT and ATRP from a Multifunctional Core and Its Self-Assembly in Water. Macromolecules, 2008, 41, 4226-4234.	4.8	58
57	Unimolecular Micelles based on Hydrophobically Derivatized Hyperbranched Polyglycerols: Biodistribution Studies. Bioconjugate Chemistry, 2008, 19, 2231-2238.	3.6	46
58	Unimolecular Micelles Based On Hydrophobically Derivatized Hyperbranched Polyglycerols: Ligand Binding Properties. Biomacromolecules, 2008, 9, 886-895.	5.4	96
59	Synthesis of Novel Size Exclusion Chromatography Support by Surface Initiated Aqueous Atom Transfer Radical Polymerization. Langmuir, 2007, 23, 11791-11803.	3.5	12
60	The influence of grafted polymer architecture and fluid hydrodynamics on protein separation by entropic interaction chromatography. Biotechnology and Bioengineering, 2007, 97, 574-587.	3.3	19
61	In vitro biological evaluation of high molecular weight hyperbranched polyglycerols. Biomaterials, 2007, 28, 4581-4590.	11.4	230
62	In vivo biological evaluation of high molecular weight hyperbranched polyglycerols. Biomaterials, 2007, 28, 4779-4787.	11.4	188
63	Biocompatibility Testing of Branched and Linear Polyglycidol. Biomacromolecules, 2006, 7, 703-709.	5.4	361
64	Synthesis, Characterization, and Viscoelastic Properties of High Molecular Weight Hyperbranched Polyglycerols. Macromolecules, 2006, 39, 7708-7717.	4.8	233
65	Blood compatibility of novel water soluble hyperbranched polyglycerol-based multivalent cationic polymers and their interaction with DNA. Biomaterials, 2006, 27, 5377-5390.	11.4	237
66	Entropic interaction chromatography: Separating proteins on the basis of size using end-grafted polymer brushes. Biotechnology and Bioengineering, 2005, 90, 1-13.	3.3	18
67	Comparison of Hyperbranched and Linear Polyglycidol Unimolecular Reverse Micelles as Nanoreactors and Nanocapsules. Macromolecular Rapid Communications, 2005, 26, 155-159.	3.9	60
68	The Glycan-Rich Outer Layer of the Cell Wall ofMycobacterium tuberculosisActs as an Antiphagocytic Capsule Limiting the Association of the Bacterium with Macrophages. Infection and Immunity, 2004, 72, 5676-5686.	2.2	118
69	Atom Transfer Radical Polymerization Using Multidentate Amine Ligands Supported on Soluble Hyperbranched Polyglycidol. Macromolecular Chemistry and Physics, 2004, 205, 567-573.	2.2	19
70	Synthesis and characterization of well-defined hydrophilic block copolymer brushes by aqueous ATRP. Polymer, 2004, 45, 7471-7489.	3.8	54
71	Attractive Bridging Interactions in Dense Polymer Brushes in Good Solvent Measured by Atomic Force Microscopy. Langmuir, 2004, 20, 2333-2340.	3.5	54
72	Laser-Light-Scattering Study of Internal Motions of Polymer Chains Grafted on Spherical Latex Particles. Journal of Physical Chemistry B, 2004, 108, 18479-18484.	2.6	23

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73	Molecular Weight and Polydispersity Estimation of Adsorbing Polymer Brushes by Atomic Force Microscopy. Langmuir, 2004, 20, 3297-3303.	3.5	36
74	Synthesis of Well-Defined Environmentally Responsive Polymer Brushes by Aqueous ATRP. Macromolecules, 2004, 37, 734-743.	4.8	196
75	Evaluation of an Atomic Force Microscopy Pull-Off Method for Measuring Molecular Weight and Polydispersity of Polymer Brushes:Â Effect of Grafting Density. Langmuir, 2004, 20, 6238-6245.	3.5	50
76	Plasma protein adsorption to surfaces grafted with dense homopolymer and copolymer brushes containing poly(N-isopropylacrylamide). Journal of Biomaterials Science, Polymer Edition, 2004, 15, 1121-1135.	3.5	22
77	Synthesis of Poly(N,N-dimethylacrylamide) Brushes from Charged Polymeric Surfaces by Aqueous ATRP:Â Effect of Surface Initiator Concentration. Macromolecules, 2003, 36, 591-598.	4.8	96
78	Synthesis of Poly(N,N-Dimethylacrylamide) Brushes from Functionalized Latex Surfaces by Aqueous Atom Transfer Radical Polymerization. ACS Symposium Series, 2003, , 316-330.	0.5	6
79	Synthesis and Characterization of Polymer Brushes of Poly(N,N-dimethylacrylamide) from Polystyrene Latex by Aqueous Atom Transfer Radical Polymerization. Macromolecules, 2002, 35, 4247-4257.	4.8	99
80	Measurement of Some Physical Properties of Aqueous Two-Phase Systems. , 2000, , 35-45.		1
81	Size exclusion chromatography does not require pores. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 7064-7067.	7.1	34
82	RAMPTM: A Rapid, Quantitative Whole Blood Immunochromatographic Platform for Point-of-Care Testing. Clinical Chemistry, 1999, 45, 1676-1678.	3.2	25
83	Immunochemical extraction and detection of LSD in whole blood. Journal of Immunological Methods, 1999, 224, 11-18.	1.4	14
84	C1q Binding to liposomes is surface charge dependent and is inhibited by peptides consisting of residues 14â€“26 of the human C1qA chain in a sequence independent manner. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1418, 19-30.	2.6	50
85	Unusual Electrostatic Effects on Binding of C1q to Anionic Liposomes:Â Role of Anionic Phospholipid Domains and Their Line Tensionâ€. Biochemistry, 1999, 38, 8112-8123.	2.5	29
86	Poly(styrene) Latex Carrying Cerium(IV)-Initiated Terminally Attached Cleavable Chains:Â Analysis of Grafted Chains and Model of the Surface Layer. Macromolecules, 1999, 32, 565-573.	4.8	18
87	Electrostatically Mediated Interactions between Cationic Lipidâ€“DNA Particles and an Anionic Surface. Archives of Biochemistry and Biophysics, 1999, 366, 31-39.	3.0	8
88	Optimization and Immunological Characterization of a Photochemically Coupled Lysergic Acid Diethylamide (LSD) Immunogen. Bioconjugate Chemistry, 1998, 9, 596-603.	3.6	5
89	Inhibition of Liposome-Induced Complement Activation by Incorporated Poly(Ethylene Glycol)-Lipids. Archives of Biochemistry and Biophysics, 1998, 357, 185-194.	3.0	134
90	Indirect enzyme-linked immunosorbent assay for the quantitative estimation of lysergic acid diethylamide in urine. Clinical Chemistry, 1998, 44, 985-990.	3.2	6

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91	Size-exclusion phases and repulsive protein-polymer interaction/recognition. , 1996, 9, 697-700.		11
92	Poly(ethylene glycol) amphiphile adsorption and liposome partition. Biomedical Applications, 1996, 680, 145-155.	1.7	7
93	Electrostatic Effects on the Adsorption and Carbodiimide-Mediated Coupling of Ferrichrome A to Amine-Modified Silica. Journal of Colloid and Interface Science, 1995, 174, 480-489.	9.4	5
94	Modification of Silica with a Covalently Attached Antigen for Use in Immunosorbent Assays. ACS Symposium Series, 1995, , 420-433.	0.5	2
95	Phase separation in cytoplasm, due to macromolecular crowding, is the basis for microcompartmentation. FEBS Letters, 1995, 361, 135-139.	2.8	190
96	[36] Use of polyacrylamide-derivatized antibody in dextran-poly(ethylene glycol) systems. Methods in Enzymology, 1994, 228, 390-395.	1.0	0
97	Hydroxypropyl cellulose/poly(ethylene glycol)-co-poly(propylene glycol) aqueous two-phase systems: System characterization and partition of cells and proteins. Enzyme and Microbial Technology, 1992, 14, 785-790.	3.2	20
98	The wetting behavior of aqueous two-phase polymer test systems on dextran coated glass surfaces: Effect of molecular weight. Journal of Colloid and Interface Science, 1992, 149, 153-161.	9.4	14
99	PEG-Derivatized Ligands with Hydrophobic and Immunological Specificity. , 1992, , 57-71.		5
100	Partitioning in aqueous two-phase systems: recent results. Analytical Biochemistry, 1991, 197, 1-18.	2.4	163
101	Investigations into a Vascular Etiology for Low-tension Glaucoma. Ophthalmology, 1990, 97, 49-55.	5.2	140
102	Second Immunoaffinity Ligands for Cell Separation. , 1989, , 183-191.		3
103	Development of a general ligand for immunoaffinity partitioning in two phase aqueous polymer systems. Analytical Biochemistry, 1988, 173, 86-92.	2.4	24
104	Column chromatographic separation of cells using aqueous polymeric two-phase systems. Analytical Biochemistry, 1988, 174, 628-635.	2.4	6
105	Column-based separation of erythrocytes using aqueous polymeric two-phase systems. Biomedical Applications, 1988, 432, 127-135.	1.7	3
106	Immunoaffinity separations of cells in two polymer aqueous phase systems. Makromolekulare Chemie Macromolecular Symposia, 1988, 17, 387-399.	0.6	3
107	Partition of proteins in aqueous polymer two-phase systems and the effect of molecular weight of the polymer. Biochimica Et Biophysica Acta - General Subjects, 1987, 926, 87-93.	2.4	134
108	Phase Partitioning in Space and on Earth. Advances in Experimental Medicine and Biology, 1987, 225, 305-326.	1.6	7

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109	Heterogeneity in the surface properties of B16 melanoma cells from sublines with differing metastatic potential detected via two-polymer aqueous-phase partition. Experimental Cell Research, 1986, 164, 366-378.	2.6	12
110	Electrokinetic and electrostatic properties of bilayers containing gangliosides GM1, GD1a, or GT1. Comparison with a nonlinear theory. Biophysical Journal, 1986, 49, 741-752.	0.5	72
111	Synthesis and application of a poly(ethylene glycol)-antibody affinity ligand for cell separations in aqueous polymer two-phase systems. Analytical Biochemistry, 1986, 154, 110-117.	2.4	88
112	A fluorometric assay of the degree of modification of protein primary amines with polyethylene glycol. Analytical Biochemistry, 1986, 154, 232-234.	2.4	134
113	Surface charge and hydrophobic properties of fresh and cryopreserved blood phagocytes as determined by partition in two-phase aqueous polymer systems. American Journal of Hematology, 1986, 21, 249-257.	4.1	4
114	Critical micelle concentration dependence on head-group size in polyoxyethylene nonionic surfactants. Colloids and Surfaces, 1986, 17, 115-121.	0.9	14
115	Selective chemical modifications of dextran. Journal of Polymer Science: Polymer Chemistry Edition, 1985, 23, 1395-1405.	0.8	30
116	Theoretical Aspects of Partitioning. , 1985, , 11-84.		49
117	Preparation of Phase Systems and Measurement of Their Physicochemical Properties. , 1985, , 85-130.		19
118	Calculation of the Electrophoretic Mobility of a Particle Bearing Bound Polyelectrolyte Using the Nonlinear Poisson-Boltzmann Equation. Biophysical Journal, 1985, 47, 563-566.	0.5	117
119	Purification of biomaterials by phase-partitioning with poly(ethylene glycol)-alkyl ether. Industrial & Engineering Chemistry Product Research and Development, 1984, 23, 86-88.	0.5	11
120	The partition of sodium phosphate and sodium chloride in aqueous dextran poly(ethylene glycol) two-phase systems. Journal of Colloid and Interface Science, 1984, 99, 187-193.	9.4	56
121	The effects of salts on the interfacial tension of aqueous dextran poly(ethylene glycol) phase systems. Journal of Colloid and Interface Science, 1984, 99, 194-200.	9.4	75
122	Electrostatic and electrokinetic potentials in two polymer aqueous phase systems. Journal of Colloid and Interface Science, 1984, 102, 1-13.	9.4	90
123	Synthesis and characterization of poly(ethylene glycol) derivatives. Journal of Polymer Science: Polymer Chemistry Edition, 1984, 22, 341-352.	0.8	260
124	Unusual rheology of a branched, water-soluble chitosan derivative. Nature, 1983, 302, 812-814.	27.8	32
125	INTERACTIONS OF ERYTHROCYTES WITH BACTERIA UNDER SHEAR. Annals of the New York Academy of Sciences, 1983, 416, 319-331.	3.8	14
126	Theory of the electrokinetic behavior of human erythrocytes. Biophysical Journal, 1983, 42, 127-135.	0.5	250

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127	Two Phase Systems for Biotechnological Isolations. Nature Biotechnology, 1983, 1, 668-669.	17.5	2
128	Enhanced concanavalin a agglutination of trypsinised erythrocytes is due to a specific class of aggregation. Biochimica Et Biophysica Acta - Biomembranes, 1981, 641, 410-415.	2.6	8
129	Physiological shear stresses enhance the Ca2+ permeability of human erythrocytes. Nature, 1981, 294, 667-668.	27.8	163
130	Protein adsorption. Journal of Colloid and Interface Science, 1981, 83, 661-662.	9.4	18
131	The automated analytical electrophoresis microscope. Cell Biophysics, 1981, 3, 371-386.	0.4	5
132	Electrophoretic mobilities of human peripheral blood lymphocytes subfractionated by partitioning in two-polymer aqueous phase systems. Biochimica Et Biophysica Acta - Biomembranes, 1980, 598, 193-199.	2.6	10
133	Shear-induced concanavalin A agglutination of human erythrocytes. Nature, 1979, 282, 738-739.	27.8	23
134	van der Waals forces in oil/water systems. Journal of Colloid and Interface Science, 1977, 58, 26-35.	9.4	9
135	Membrane surface properties other than charge involved in cell separation by partition in polymer, aqueous two-phase systems. Biochemistry, 1976, 15, 2959-2964.	2.5	130
136	Studies on the electrophoretic separability of B and T human lymphocytes. Cellular Immunology, 1976, 21, 257-271.	3.0	27
137	The effect of neutral polymers on the electrokinetic potential of cells and other charged particles. Journal of Colloid and Interface Science, 1973, 43, 670-686.	9.4	154
138	The effect of neutral polymers on the electrokinetic potential of cells and other charged particles. Journal of Colloid and Interface Science, 1973, 43, 687-699.	9.4	112
139	The effect of neutral polymers on the electrokinetic potential of cells and other charged particles. Journal of Colloid and Interface Science, 1973, 43, 700-713.	9.4	74
140	The effect of neutral polymers on the electrokinetic potential of cells and other charged particles. Journal of Colloid and Interface Science, 1973, 43, 714-726.	9.4	73
141	Effect of acetaldehyde and glutaraldehyde fixation on the surface properties of red blood cells as determined by partition in aqueous phases. Experimental Cell Research, 1973, 80, 415-424.	2.6	25
142	Electroviscous Effect in Dextran-Erythrocyte Suspensions. Nature: New Biology, 1972, 238, 251-253.	4.5	16
143	PHYSICOCHEMICAL EFFECTS OF ALDEHYDES ON THE HUMAN ERYTHROCYTE. Journal of Cell Biology, 1972, 53, 809-818.	5.2	104
144	Detection of Differences in Surface-charge-associated Properties of Cells by Partition in Two-polymer Aqueous Phase Systems. Nature: New Biology, 1971, 234, 61-62.	4.5	42

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145	Some physicochemical factors relevant to cellular interactions. Journal of Cellular Physiology, 1967, 69, 155-168.	4.1	50