

# Anuj Chauhan

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

139  
papers

4,317  
citations

34  
h-index

61  
g-index

148  
ext. papers

4,817  
ext. citations

5.9  
avg, IF

5.98  
L-index

#	Paper	IF	Citations
139	Gold nanoparticles-loaded contact lenses for laser protection and meibomian gland dysfunction (MGD) dry eye treatment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 128053	5.1	1
138	Chitosan-Coated PLGA Nanoparticles Encapsulating Triamcinolone Acetonide as a Potential Candidate for Sustained Ocular Drug Delivery. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	14
137	Posterior Segment Ophthalmic Drug Delivery: Role of Muco-Adhesion with a Special Focus on Chitosan. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	9
136	Review of Approaches for Increasing Ophthalmic Bioavailability for Eye Drop Formulations. <i>AAPS PharmSciTech</i> , <b>2021</b> , 22, 107	3.9	12
135	Asymmetry in Drug Permeability through the Cornea. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
134	Ophthalmic delivery of hydrophilic drugs through drug-loaded oleogels. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 158, 105634	5.1	3
133	Gold nanoparticle synthesis in contact lenses for drug-less ocular cystinosis treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2021</b> , 165, 271-278	5.7	2
132	Combining modeling of drug uptake and release of cyclosporine in contact lenses to determine partition coefficient and diffusivity. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 164, 105891	5.1	2
131	Poly (Vinyl Alcohol) Assisted Synthesis and Anti-Solvent Precipitation of Gold Nanoparticles. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	6
130	In vitro release of hydrophobic drugs by oleogel rods with biocompatible gelators. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 152, 105413	5.1	7
129	Transport of polymers in contact lenses and impact on lubricity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 603, 125123	5.1	0
128	Commercialization challenges for drug eluting contact lenses. <i>Expert Opinion on Drug Delivery</i> , <b>2020</b> , 17, 1133-1149	8	12
127	Interfacial polymerization of a thin film on contact lenses for improving lubricity. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 571, 356-367	9.3	4
126	An cornea infection model. <i>MethodsX</i> , <b>2020</b> , 7, 100876	1.9	1
125	Extended release of dexamethasone from oleogel based rods. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 331-341	9.3	12
124	Improving wettability and lubricity of commercial contact lenses by polymerizing a thin film of dimethylacryamide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 583, 123974	5.1	11
123	Carbon Black Tinted Contact Lenses for Reduction of Photophobia in Cystinosis Patients. <i>Current Eye Research</i> , <b>2019</b> , 44, 497-504	2.9	2

122	Evaluating the potential of drug eluting contact lenses for treatment of bacterial keratitis using an ex vivo corneal model. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 565, 499-508	6.5	27
121	Optimization of intraocular lens hydrogels for dual drug release: Experimentation and modelling. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 141, 51-57	5.7	8
120	Contact Lens Based Drug Delivery to the Posterior Segment Via Iontophoresis in Cadaver Rabbit Eyes. <i>Pharmaceutical Research</i> , <b>2019</b> , 36, 87	4.5	8
119	Delivery of ionic molecules to anterior chamber by iontophoretic contact lenses. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 140, 40-49	5.7	2
118	Spectroscopy of Oxygen-Sensitive Material for Measuring Contact Lens Oxygen Transmissibility. <i>Current Eye Research</i> , <b>2019</b> , 44, 514-521	2.9	2
117	In vitro and ex vivo implantation of cystine crystals and treatment by contact lens. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 562, 229-236	5.1	0
116	Pigmented contact lenses for managing ocular disorders. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 555, 184-197	6.5	5
115	Effect of vitamin-E integration on delivery of prostaglandin analogs from therapeutic lenses. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 539, 457-467	9.3	30
114	Novel approaches for improving stability of cysteamine formulations. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 549, 466-475	6.5	3
113	In vitro drug release and in vivo safety of vitamin E and cysteamine loaded contact lenses. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 544, 380-391	6.5	35
112	Potential role of stromal collagen in cystine crystallization in cystinosis patients. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 551, 232-240	6.5	5
111	Drug delivery to the eye anterior chamber by intraocular lenses: An in vivo concentration estimation model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2018</b> , 133, 63-69	5.7	14
110	Controlled delivery of pirfenidone through vitamin E-loaded contact lens ameliorates corneal inflammation. <i>Drug Delivery and Translational Research</i> , <b>2018</b> , 8, 1114-1126	6.2	27
109	Relating emulsion stability to interfacial properties for pharmaceutical emulsions stabilized by Pluronic F68 surfactant. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 521, 8-18	6.5	27
108	Effect of the surface layer on drug release from delefilcon-A (Dailies Total1) contact lenses. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 529, 89-101	6.5	13
107	Multidose Preservative Free Eyedrops by Selective Removal of Benzalkonium Chloride from Ocular Formulations. <i>Pharmaceutical Research</i> , <b>2017</b> , 34, 2862-2872	4.5	6
106	Modular and rapid access to amphiphilic homopolymers via successive chemoselective post-polymerization modification. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 6028-6032	4.9	16
105	Incorporation of drug particles for extended release of Cyclosporine A from poly-hydroxyethyl methacrylate hydrogels. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2017</b> , 120, 73-79	5.7	10

104	Mechanistic modeling of ophthalmic drug delivery to the anterior chamber by eye drops and contact lenses. <i>Advances in Colloid and Interface Science</i> , <b>2016</b> , 233, 139-154	14.3	44
103	Interfacial effects and emulsion stabilization by in situ surfactant generation through the saponification of esters. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 504, 458-470	5.1	10
102	Dynamic interfacial tension and dilational rheology of dispersant Corexit 9500. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 497, 352-361	5.1	12
101	Incorporation of ultraviolet (UV) absorbing nanoparticles in contact lenses for Class 1 UV blocking. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 327-339	7.3	11
100	Controlled Release of Antibiotics From Vitamin E-Loaded Silicone-Hydrogel Contact Lenses. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 1164-72	3.9	41
99	Propofol emulsion-free drug concentration is similar between batches and stable over time. <i>Romanian Journal of Anaesthesia and Intensive Care</i> , <b>2016</b> , 23, 7-11	0.3	1
98	Photoprotection and Extended Drug Delivery by UV Blocking Contact Lenses. <i>Optometry and Vision Science</i> , <b>2016</b> , 93, 395-403	2.1	0
97	Expert Views on Innovative Future Uses for Contact Lenses. <i>Optometry and Vision Science</i> , <b>2016</b> , 93, 328-35		5
96	Reversal of lipophilic weak bases using pH gradient acidic centre liposomes: demonstration of effect in dabigatran-induced anticoagulation. <i>Clinical Toxicology</i> , <b>2016</b> , 54, 428-33	2.9	3
95	Hybrid Electrospun Polycaprolactone Mats Consisting of Nanofibers and Microbeads for Extended Release of Dexamethasone. <i>Pharmaceutical Research</i> , <b>2016</b> , 33, 1509-16	4.5	15
94	Parenteral emulsions and liposomes to treat drug overdose. <i>Advanced Drug Delivery Reviews</i> , <b>2015</b> , 90, 12-23	18.5	23
93	Dual drug delivery from vitamin E loaded contact lenses for glaucoma therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 94, 312-21	5.7	79
92	Therapeutic contact lenses: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , <b>2015</b> , 25, 1117-29	6.8	38
91	Kinetically stable propofol emulsions with reduced free drug concentration for intravenous delivery. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 486, 232-41	6.5	8
90	Broad spectrum UV protection by crystalline organic microrod sunscreens. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 489, 30-44	6.5	2
89	Rapid and selective removal of preservative from ophthalmic formulations during eyedrops instillation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 97, 30-8	5.7	4
88	"Micro to macro (M2M)"--A novel approach for intravenous delivery of propofol. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 494, 218-26	6.5	3
87	Release of betaine and dexpanthenol from vitamin E modified silicone-hydrogel contact lenses. <i>Current Eye Research</i> , <b>2015</b> , 40, 267-73	2.9	24

86	Nanoparticle-loaded UV-blocking contact lenses. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	2
85	Rapid dissolution of propofol emulsions under sink conditions. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 481, 47-55	6.5	9
84	Incorporation of polymerizable surfactants in hydroxyethyl methacrylate lenses for improving wettability and lubricity. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 445, 60-68	9.3	10
83	Interfacial tension and surface elasticity of carbon black (CB) covered oil-water interface. <i>Langmuir</i> , <b>2014</b> , 30, 12287-96	4	28
82	Taylor dispersion in oscillatory flow in rectangular channels. <i>Chemical Engineering Science</i> , <b>2014</b> , 117, 183-197	4.4	5
81	Contact lenses as a platform for ocular drug delivery. <i>Expert Opinion on Drug Delivery</i> , <b>2013</b> , 10, 1483-96	8	84
80	Extended delivery of an anionic drug by contact lens loaded with a cationic surfactant. <i>Biomaterials</i> , <b>2013</b> , 34, 2814-21	15.6	42
79	Aggregation and transport of Brij surfactants in hydroxyethyl methacrylate hydrogels. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 407, 390-6	9.3	4
78	Glaucoma therapy by extended release of timolol from nanoparticle loaded silicone-hydrogel contact lenses. <i>Journal of Controlled Release</i> , <b>2013</b> , 165, 82-9	11.7	160
77	Feasibility of corneal drug delivery of cysteamine using vitamin E modified silicone hydrogel contact lenses. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2013</b> , 85, 531-40	5.7	54
76	Dilution of protein-surfactant complexes: a fluorescence study. <i>Protein Science</i> , <b>2013</b> , 22, 1258-65	6.3	5
75	Comparison of intravenous lipid emulsion, bicarbonate, and tailored liposomes in rabbit clomipramine toxicity. <i>Academic Emergency Medicine</i> , <b>2013</b> , 20, 1076-9	3.4	14
74	Extended release of timolol from nanoparticle-loaded fornix insert for glaucoma therapy. <i>Journal of Ocular Pharmacology and Therapeutics</i> , <b>2013</b> , 29, 229-35	2.6	17
73	Liposomal binding of imipramine in human red cell/albumin solution with simulated plasmapheresis. <i>Journal of Pharmaceutical Technology &amp; Drug Research</i> , <b>2013</b> , 2, 8		1
72	Temperature sensitive contact lenses for triggered ophthalmic drug delivery. <i>Biomaterials</i> , <b>2012</b> , 33, 2289-300	15.6	98
71	Ion transport in silicone hydrogel contact lenses. <i>Journal of Membrane Science</i> , <b>2012</b> , 399-400, 95-105	9.6	28
70	Extended drug delivery by contact lenses for glaucoma therapy. <i>Journal of Controlled Release</i> , <b>2012</b> , 162, 152-8	11.7	134
69	Penetration of fluorescein across the rabbit cornea from the endothelial surface. <i>Pharmaceutical Research</i> , <b>2012</b> , 29, 3325-34	4.5	16

68	Real-time droplet DNA amplification with a new tablet platform. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 2654-617.8		23
67	Are contact lenses the solution for effective ophthalmic drug delivery?. <i>Future Medicinal Chemistry</i> , <b>2012</b> , 4, 2141-3	4.1	6
66	Drug delivery by contact lens in spontaneously glaucomatous dogs. <i>Current Eye Research</i> , <b>2012</b> , 37, 204-11		72
65	Lysozyme transport in p-HEMA hydrogel contact lenses. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 386, 441-50	9.3	13
64	Transport of topical anesthetics in vitamin E loaded silicone hydrogel contact lenses. <i>Langmuir</i> , <b>2012</b> , 28, 1478-87	4	66
63	Aqueous salt transport through soft contact lenses: an osmotic-withdrawal mechanism for prevention of adherence. <i>Contact Lens and Anterior Eye</i> , <b>2012</b> , 35, 260-5	4.1	12
62	Ophthalmic delivery of cyclosporine A by punctal plugs. <i>Journal of Controlled Release</i> , <b>2011</b> , 150, 70-6	11.7	49
61	Extended cyclosporine delivery by silicone-hydrogel contact lenses. <i>Journal of Controlled Release</i> , <b>2011</b> , 154, 267-74	11.7	102
60	Timolol-imprinted soft contact lenses: Influence of the template: Functional monomer ratio and the hydrogel thickness. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 122, 1333-1340	2.9	29
59	Interaction of ionic surfactants with cornea-mimicking anionic liposomes. <i>Langmuir</i> , <b>2011</b> , 27, 10840-6	4	3
58	Molecular transport through surfactant-covered oil-water interfaces: role of physical properties of solutes and surfactants in creating energy barriers for transport. <i>Langmuir</i> , <b>2011</b> , 27, 2420-36	4	14
57	Current and Emerging Detoxification Therapies for Critical Care. <i>Materials</i> , <b>2010</b> , 3, 2483-2505	3.5	8
56	Measurement and modeling of diffusion kinetics of a lipophilic molecule across rabbit cornea. <i>Pharmaceutical Research</i> , <b>2010</b> , 27, 699-711	4.5	18
55	Extended release of dexamethasone from silicone-hydrogel contact lenses containing vitamin E. <i>Journal of Controlled Release</i> , <b>2010</b> , 148, 110-116	11.7	108
54	A physiologically based pharmacokinetic (PBPK) model for predicting the efficacy of drug overdose treatment with liposomes in man. <i>Journal of Pharmaceutical Sciences</i> , <b>2010</b> , 99, 3601-19	3.9	15
53	Drug transport in HEMA conjunctival inserts containing precipitated drug particles. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 347, 31-42	9.3	17
52	Extended delivery of hydrophilic drugs from silicone-hydrogel contact lenses containing vitamin E diffusion barriers. <i>Biomaterials</i> , <b>2010</b> , 31, 4032-47	15.6	189
51	Disruption of tear film and blink dynamics <b>2010</b> , 123-130		1

50	Liposome assay for evaluating ocular toxicity of surfactants <b>2009</b> , 50, 2727-35		20
49	Importance of Taylor dispersion in pharmacokinetic and multiple indicator dilution modelling. <i>Mathematical Medicine and Biology</i> , <b>2009</b> , 26, 263-96	1.3	7
48	Binding of imipramine, dosulepin, and opipramol to liposomes for overdose treatment. <i>Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 98, 3718-29	3.9	6
47	Surfactant-laden soft contact lenses for extended delivery of ophthalmic drugs. <i>Biomaterials</i> , <b>2009</b> , 30, 867-78	15.6	118
46	Interaction of cationic drugs with liposomes. <i>Langmuir</i> , <b>2009</b> , 25, 12056-65	4	26
45	Bupivacaine binding to pegylated liposomes. <i>Anesthesia and Analgesia</i> , <b>2009</b> , 109, 678-82	3.9	17
44	Comment on: A new look at lubrication of the ocular surface--fluid mechanics behind the blinking eyelids. <i>Ocular Surface</i> , <b>2008</b> , 6, 152-3; discussion 154	6.5	2
43	Response of Drs. Radke and Chauhan. <i>Ocular Surface</i> , <b>2008</b> , 6, 154	6.5	
42	Taylor dispersion in polymerase chain reaction in a microchannel. <i>Physics of Fluids</i> , <b>2008</b> , 20, 093601	4.4	10
41	Molecular modeling of surfactant covered oil-water interfaces: Dynamics, microstructure, and barrier for mass transport. <i>Journal of Chemical Physics</i> , <b>2008</b> , 128, 234709	3.9	17
40	Molecular transport across fluid interfaces: coupling between solute dynamics and interface fluctuations. <i>Physical Review E</i> , <b>2008</b> , 78, 041605	2.4	11
39	Effect of viscosity on tear drainage and ocular residence time. <i>Optometry and Vision Science</i> , <b>2008</b> , 85, 715-25	2.1	55
38	Dexamethasone transport and ocular delivery from poly(hydroxyethyl methacrylate) gels. <i>International Journal of Pharmaceutics</i> , <b>2008</b> , 353, 205-22	6.5	79
37	Extended delivery of ophthalmic drugs by silicone hydrogel contact lenses. <i>Biomaterials</i> , <b>2008</b> , 29, 2259-69, 6	6.6	168
36	Electrophoretic migration of proteins in semidilute polymer solutions. <i>Electrophoresis</i> , <b>2008</b> , 29, 1152-63, 6	3.6	9
35	Uptake of amitriptyline and nortriptyline with liposomes, proteins, and serum: implications for drug detoxification. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 319, 81-93	9.3	20
34	Drug and surfactant transport in Cyclosporine A and Brij 98 laden p-HEMA hydrogels. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 322, 624-33	9.3	83
33	Amitriptyline overdose treatment by pegylated anionic liposomes. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 324, 61-70	9.3	9

32	Ophthalmic delivery of Cyclosporine A from Brij-97 microemulsion and surfactant-laden p-HEMA hydrogels. <i>International Journal of Pharmaceutics</i> , <b>2008</b> , 361, 222-9	6.5	97
31	Tear dynamics model. <i>Current Eye Research</i> , <b>2007</b> , 32, 177-97	2.9	21
30	Dynamic mechanical properties of porcine lacrimal canaliculus. <i>Current Eye Research</i> , <b>2007</b> , 32, 829-35	2.9	12
29	Electrochemical response and separation in cyclic electric field-flow fractionation. <i>Electrophoresis</i> , <b>2007</b> , 28, 724-39	3.6	4
28	Timolol transport from microemulsions trapped in HEMA gels. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 315, 297-306	9.3	66
27	Ocular transport model for ophthalmic delivery of timolol through p-HEMA contact lenses. <i>Journal of Drug Delivery Science and Technology</i> , <b>2007</b> , 17, 69-79	4.5	36
26	A mathematical model of tear mixing under the lower lid. <i>Current Eye Research</i> , <b>2007</b> , 32, 1023-35	2.9	3
25	Effect of water content on transparency, swelling, lidocaine diffusion in p-HEMA gels. <i>Journal of Membrane Science</i> , <b>2006</b> , 269, 35-48	9.6	49
24	Influence of physical and chemical heterogeneity shape on thin film rupture. <i>Journal of Colloid and Interface Science</i> , <b>2006</b> , 295, 472-81	9.3	28
23	Taylor dispersion in cyclic electric field-flow fractionation. <i>Physics of Fluids</i> , <b>2006</b> , 18, 067105	4.4	8
22	The absolute instability of an inviscid compound jet. <i>Journal of Fluid Mechanics</i> , <b>2006</b> , 549, 81	3.7	16
21	Modeling Ophthalmic Drug Delivery by Soaked Contact Lenses. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2006</b> , 45, 3718-3734	3.9	170
20	Sequestration of amitriptyline by liposomes. <i>Journal of Colloid and Interface Science</i> , <b>2006</b> , 300, 7-19	9.3	26
19	The effect of water hydraulic permeability on the settling of a soft contact lens on the eye. <i>Current Eye Research</i> , <b>2005</b> , 30, 329-36	2.9	22
18	A mathematical model for tear drainage through the canaliculi. <i>Current Eye Research</i> , <b>2005</b> , 30, 621-30	2.9	33
17	Dispersion of DMPC liposomes in contact lenses for ophthalmic drug delivery. <i>Current Eye Research</i> , <b>2005</b> , 30, 1071-80	2.9	118
16	DNA separation by EFFF in a microchannel. <i>Journal of Colloid and Interface Science</i> , <b>2005</b> , 285, 834-44	9.3	23
15	Dispersion of microemulsion drops in HEMA hydrogel: a potential ophthalmic drug delivery vehicle. <i>International Journal of Pharmaceutics</i> , <b>2005</b> , 292, 95-117	6.5	215



14	Dispersion in core-annular flow with a solid annulus. <i>AIChE Journal</i> , <b>2005</b> , 51, 2415-2427	3.6	5
13	Separation of charged colloids by a combination of pulsating lateral electric fields and poiseuille flow in a 2D channel. <i>Journal of Colloid and Interface Science</i> , <b>2005</b> , 282, 212-22	9.3	5
12	A mathematical model for ocular tear and solute balance. <i>Current Eye Research</i> , <b>2005</b> , 30, 841-54	2.9	42
11	Dispersion in microchannels with temporal temperature variations. <i>Physics of Fluids</i> , <b>2005</b> , 17, 103607	4.4	16
10	A physiologically-based pharmacokinetic model of drug detoxification by nanoparticles. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2004</b> , 31, 381-400	2.7	12
9	Ophthalmic drug delivery through contact lenses. <i>Investigative Ophthalmology and Visual Science</i> , <b>2004</b> , 45, 2342-7		214
8	An experimental investigation of the convective instability of a jet. <i>Chemical Engineering Science</i> , <b>2003</b> , 58, 2421-2432	4.4	17
7	Permeability and diffusivity for water transport through hydrogel membranes. <i>Journal of Membrane Science</i> , <b>2003</b> , 214, 199-209	9.6	59
6	Settling and deformation of a thin elastic shell on a thin fluid layer lying on a solid surface. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 245, 187-97	9.3	29
5	The role of fenestrations and channels on the transverse motion of a soft contact lens. <i>Optometry and Vision Science</i> , <b>2001</b> , 78, 732-43	2.1	12
4	Modeling the vertical motion of a soft contact lens. <i>Current Eye Research</i> , <b>2001</b> , 22, 102-8	2.9	19
3	Dispersive Mixing in the Posterior Tear Film Under a Soft Contact Lens. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2001</b> , 40, 3015-3026	3.9	79
2	A Sorption-Kinetic Model for Surfactant-Driven Spreading of Aqueous Drops on Insoluble Liquid Substrates. <i>Journal of Colloid and Interface Science</i> , <b>2000</b> , 222, 221-232	9.3	11
1	Temporal and spatial instability of an inviscid compound jet. <i>Rheologica Acta</i> , <b>1996</b> , 35, 567-583	2.3	29