

Huan Jang Keh

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.

190
papers

2,985
citations

29
h-index

41
g-index

194
ext. papers

3,246
ext. citations

4.7
avg, IF

5.63
L-index

#	Paper	IF	Citations
190	Slow axisymmetric rotation of a sphere in a circular tube with slip surfaces. <i>Fluid Dynamics Research</i> , 2021 , 53, 065502	1.2	1
189	Electrophoretic Mobility and Electric Conductivity of Salt-Free Suspensions of Charged Soft Particles. <i>Colloids and Interfaces</i> , 2021 , 5, 45	3	
188	Effects of inertia on the slow rotation of a slip spherical particle. <i>European Journal of Mechanics, B/Fluids</i> , 2021 , 88, 67-71	2.4	3
187	Slow rotation of a spherical particle in an eccentric spherical cavity with slip surfaces. <i>European Journal of Mechanics, B/Fluids</i> , 2021 , 86, 150-156	2.4	5
186	Thermophoresis of a cylindrical particle at small finite Péclet numbers. <i>Aerosol Science and Technology</i> , 2021 , 55, 54-62	3.4	
185	Electroosmosis and Electric Conduction of Electrolyte Solutions in Charge-Regulating Fibrous Media. <i>Colloids and Interfaces</i> , 2021 , 5, 19	3	
184	Electrophoresis and electric conduction in a salt-free suspension of charged particles. <i>Electrophoresis</i> , 2021 , 42, 2134-2142	3.6	1
183	Transient rotation of a spherical particle in a concentric cavity with slip surfaces. <i>Fluid Dynamics Research</i> , 2021 , 53, 045509	1.2	1
182	Transient electrophoresis in a suspension of charged particles with arbitrary electric double layers. <i>Electrophoresis</i> , 2021 , 42, 2126-2133	3.6	1
181	Electrokinetic flow and electric conduction of salt-free solutions in a capillary. <i>Electrophoresis</i> , 2020 , 41, 1503-1508	3.6	3
180	Transient electrophoresis of a charged porous particle. <i>Electrophoresis</i> , 2020 , 41, 259-265	3.6	7
179	Thermophoretic motion of an aerosol sphere in a spherical cavity. <i>European Journal of Mechanics, B/Fluids</i> , 2020 , 81, 93-104	2.4	1
178	Start-Up Electrophoresis of a Cylindrical Particle with Arbitrary Double Layer Thickness. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 9967-9973	3.4	0
177	Diffusiophoresis in Suspensions of Charged Soft Particles. <i>Colloids and Interfaces</i> , 2020 , 4, 30	3	7
176	Diffusiophoresis of a Colloidal Cylinder at Small Finite Péclet Numbers. <i>Colloids and Interfaces</i> , 2019 , 3, 44	3	2
175	Axisymmetric thermophoresis of an aerosol particle in a spherical cavity. <i>Journal of Aerosol Science</i> , 2019 , 135, 33-45	4.3	7
174	Sedimentation Velocity and Potential in Dilute Suspensions of Charge-Regulating Porous Spheres. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 3002-3009	3.4	1

173	Electrokinetic Flow of Salt-Free Solutions in a Fibrous Porous Medium. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 9724-9730	3.4	3
172	Diffusiophoresis of a charged porous shell in electrolyte gradients. <i>Colloid and Polymer Science</i> , 2018 , 296, 451-459	2.4	5
171	Diffusiophoresis of a charged particle in a charged cavity with arbitrary electric double layer thickness. <i>Microfluidics and Nanofluidics</i> , 2018 , 22, 1	2.8	5
170	Thermophoresis at small but finite Péclet numbers. <i>Aerosol Science and Technology</i> , 2018 , 52, 1028-1036	3.4	11
169	Thermophoresis of a particle in a concentric cavity with thermal stress slip. <i>Aerosol Science and Technology</i> , 2018 , 52, 269-276	3.4	11
168	Sedimentation Velocity and Potential in Dilute Suspensions of Charged Porous Shells. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 10393-10400	3.4	1
167	Diffusiophoresis of a Charged Porous Particle in a Charged Cavity. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 9803-9814	3.4	3
166	Electrophoresis and diffusiophoresis of a colloidal sphere with double-layer polarization in a concentric charged cavity. <i>Microfluidics and Nanofluidics</i> , 2017 , 21, 1	2.8	5
165	Diffusiophoresis of a charged particle in a microtube. <i>Electrophoresis</i> , 2017 , 38, 2468-2478	3.6	5
164	Thermophoresis of a spherical particle in a microtube. <i>Journal of Aerosol Science</i> , 2017 , 113, 71-84	4.3	5
163	Diffusiophoresis of charged particles and diffusioosmosis of electrolyte solutions. <i>Current Opinion in Colloid and Interface Science</i> , 2016 , 24, 13-22	7.6	39
162	Electrophoresis and electric conduction in a suspension of charged soft particles. <i>Colloid and Polymer Science</i> , 2016 , 294, 1129-1141	2.4	12
161	Electrophoretic mobility of charged porous shells or microcapsules and electric conductivity of their dilute suspensions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 497, 154-166	5.1	7
160	Diffusiophoretic mobility of charge-regulating porous particles. <i>Electrophoresis</i> , 2016 , 37, 2139-46	3.6	5
159	Electrophoresis of a colloidal sphere with double-layer polarization in a microtube. <i>Microfluidics and Nanofluidics</i> , 2016 , 20, 1	2.8	10
158	Transient electroosmosis in the transverse direction of a fibrous porous medium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 481, 577-582	5.1	6
157	Electrophoretic mobility and electric conductivity in suspensions of charge-regulating porous particles. <i>Colloid and Polymer Science</i> , 2015 , 293, 1903-1914	2.4	10
156	Diffusiophoresis of a colloidal cylinder in an electrolyte solution near a plane wall. <i>Microfluidics and Nanofluidics</i> , 2015 , 19, 855-865	2.8	5

155	Startup of electrophoresis in a suspension of colloidal spheres. <i>Electrophoresis</i> , 2015 , 36, 3002-8	3.6	5
154	Diffusiophoresis in suspensions of charged porous particles. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 2040-50	3.4	11
153	Start-up of electrophoresis of an arbitrarily oriented dielectric cylinder. <i>Electrophoresis</i> , 2014 , 35, 2560-53.6	3.6	7
152	Start-Up of Electrokinetic Flow in a Fibrous Porous Medium. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 2826-2833	3.8	8
151	Electrophoretic motion of a charged particle in a charged cavity. <i>European Journal of Mechanics, B/Fluids</i> , 2014 , 48, 183-192	2.4	5
150	Electrophoresis of a spherical particle in a spherical cavity. <i>Microfluidics and Nanofluidics</i> , 2014 , 16, 1107-1115	2.8	11
149	Sedimentation velocity and potential in a concentrated suspension of charged soft spheres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 440, 185-196	5.1	6
148	Thermophoretic Motion of a Cylindrical Particle with Chemical Reactions. <i>Aerosol Science and Technology</i> , 2014 , 48, 1156-1165	3.4	5
147	Osmophoresis of a spherical vesicle in a spherical cavity. <i>European Journal of Mechanics, B/Fluids</i> , 2014 , 46, 28-36	2.4	1
146	Slow motion of a spherical particle in a spherical cavity with slip surfaces. <i>International Journal of Engineering Science</i> , 2013 , 69, 1-15	5.7	18
145	Sedimentation of a charged porous particle in a charged cavity. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 12319-27	3.4	4
144	Axisymmetric creeping motion of a prolate particle in a cylindrical pore. <i>European Journal of Mechanics, B/Fluids</i> , 2013 , 39, 52-58	2.4	7
143	Axisymmetric diffusiophoresis of a colloidal particle of revolution in nonelectrolyte gradients normal to one or two plane walls. <i>International Journal of Heat and Mass Transfer</i> , 2013 , 56, 138-146	4.9	1
142	Axisymmetric thermocapillary migration of a fluid sphere in a spherical cavity. <i>International Journal of Heat and Mass Transfer</i> , 2013 , 62, 772-781	4.9	3
141	Magnetohydrodynamic motion of a colloidal sphere with self-electrochemical surface reactions in a spherical cavity. <i>Journal of Chemical Physics</i> , 2013 , 138, 074105	3.9	4
140	Electrophoresis of a charged soft particle in a charged cavity with arbitrary double-layer thickness. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 9757-67	3.4	23
139	Creeping motion of a fluid drop inside a spherical cavity. <i>European Journal of Mechanics, B/Fluids</i> , 2012 , 34, 97-104	2.4	8
138	Creeping-flow rotation of a slip spheroid about its axis of revolution. <i>Theoretical and Computational Fluid Dynamics</i> , 2012 , 26, 173-183	2.3	10

137	Effects of thermal stress slip on thermophoresis and photophoresis. <i>Journal of Aerosol Science</i> , 2012 , 50, 1-10	4.3	19
136	Diffusiophoresis of a spherical soft particle in electrolyte gradients. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 7575-89	3.4	27
135	Electrokinetic flow and electric current in a fibrous porous medium. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 3578-86	3.4	9
134	Thermophoresis of an Aerosol Sphere with Chemical Reactions. <i>Aerosol Science and Technology</i> , 2012 , 46, 361-368	3.4	6
133	Motion of a colloidal sphere with interfacial self-electrochemical reactions induced by a magnetic field. <i>Journal of Chemical Physics</i> , 2012 , 136, 174702	3.9	7
132	Electrophoretic motion of a colloidal cylinder near a plane wall. <i>Microfluidics and Nanofluidics</i> , 2011 , 10, 81-95	2.8	9
131	Electroosmotic velocity and electric conductivity in a fibrous porous medium in the transverse direction. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 9168-78	3.4	6
130	Theoretical study of the creeping motion of axially and fore-and-aft symmetric slip particles in an arbitrary direction. <i>European Journal of Mechanics, B/Fluids</i> , 2011 , 30, 236-244	2.4	5
129	Sedimentation of a charged colloidal sphere in a charged cavity. <i>Journal of Chemical Physics</i> , 2011 , 135, 214706	3.9	5
128	Electrokinetic motion of a charged colloidal sphere in a spherical cavity with magnetic fields. <i>Journal of Chemical Physics</i> , 2011 , 134, 044125	3.9	9
127	Thermophoresis of axially and fore-and-aft symmetric aerosol particles. <i>Physics of Fluids</i> , 2010 , 22, 113305	4.4	4
126	Thermophoretic motion of slightly deformed aerosol spheres. <i>Journal of Aerosol Science</i> , 2010 , 41, 180-193	4.3	7
125	Boundary effects on thermophoresis of aerosol cylinders. <i>Journal of Aerosol Science</i> , 2010 , 41, 771-789	4.3	4
124	Magnetohydrodynamic effects on a charged colloidal sphere with arbitrary double-layer thickness. <i>Journal of Chemical Physics</i> , 2010 , 133, 134103	3.9	8
123	Electric Conductivity and Electrophoretic Mobility in Suspensions of Charged Porous Spheres. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 22044-22054	3.8	18
122	Axisymmetric creeping motion of a slip spherical particle in a nonconcentric spherical cavity. <i>Theoretical and Computational Fluid Dynamics</i> , 2010 , 24, 497-510	2.3	28
121	Electrophoresis of an axisymmetric particle along its axis of revolution perpendicular to two parallel plane walls. <i>Microfluidics and Nanofluidics</i> , 2010 , 9, 623-634	2.8	5
120	Slow Motion of an Assemblage of Porous Spherical Shells Relative to a Fluid. <i>Transport in Porous Media</i> , 2010 , 81, 261-275	3.1	8

119	Thermophoresis of an aerosol spheroid along its axis of revolution. <i>Physics of Fluids</i> , 2009 , 21, 062001	4.4	10
118	Thermophoresis of axisymmetric aerosol particles along their axes of revolution. <i>AIChE Journal</i> , 2009 , 55, 35-48	3.6	5
117	Diffusioosmotic flow of electrolyte solutions in fibrous porous media at arbitrary zeta potential and double-layer thickness. <i>Microfluidics and Nanofluidics</i> , 2009 , 7, 773-781	2.8	17
116	Translation and rotation of slightly deformed colloidal spheres experiencing slip. <i>Journal of Colloid and Interface Science</i> , 2009 , 330, 201-10	9.3	11
115	Diffusiophoresis of interacting particles in nonelectrolyte gradients. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2009 , 40, 689-699	5.3	1
114	Electrophoresis of a Cylindrical Particle with a Nonuniform Zeta Potential Distribution Parallel to a Charged Plane Wall. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 12790-12798	3.8	7
113	Diffusioosmosis of Electrolyte Solutions around a Circular Cylinder at Arbitrary Zeta Potential and Double-Layer Thickness. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 2443-2450	3.9	19
112	Electrophoresis of a colloidal sphere in a spherical cavity with arbitrary zeta potential distributions and arbitrary double-layer thickness. <i>Langmuir</i> , 2008 , 24, 390-8	4	20
111	Slow motions of a circular cylinder experiencing slip near a plane wall. <i>Journal of Fluids and Structures</i> , 2008 , 24, 651-663	3.1	6
110	Diffusiophoresis of a colloidal sphere in nonelectrolyte gradients perpendicular to two plane walls. <i>Chemical Engineering Science</i> , 2008 , 63, 1612-1625	4.4	17
109	Diffusioosmosis of electrolyte solutions in fibrous porous media. <i>Microfluidics and Nanofluidics</i> , 2008 , 5, 347-356	2.8	24
108	Diffusiophoresis and electrophoresis of a charged sphere perpendicular to two plane walls. <i>Journal of Colloid and Interface Science</i> , 2008 , 322, 634-53	9.3	33
107	The effect of diffusioosmosis on water transport in polymer electrolyte fuel cells. <i>Journal of Power Sources</i> , 2008 , 180, 711-718	8.9	11
106	Slow motion of a slip spheroid along its axis of revolution. <i>International Journal of Multiphase Flow</i> , 2008 , 34, 713-722	3.6	12
105	Diffusioosmosis of electrolyte solutions in a fine capillary tube. <i>Langmuir</i> , 2007 , 23, 2879-86	4	26
104	Diffusiophoresis in a suspension of charge-regulating colloidal spheres. <i>Langmuir</i> , 2007 , 23, 1061-72	4	27
103	Electrophoresis of a colloidal sphere in a spherical cavity with arbitrary zeta potential distributions. <i>Langmuir</i> , 2007 , 23, 7928-35	4	17
102	Analysis of electrokinetic transport of a spherical particle in a microchannel. <i>Electrophoresis</i> , 2007 , 28, 658-64	3.6	34

101	Diffusioosmosis of electrolyte solutions in a capillary slit with adsorbed polyelectrolyte layers. <i>Journal of Colloid and Interface Science</i> , 2007 , 313, 686-96	9.3	25
100	Boundary effects on electrophoresis of a colloidal cylinder with a nonuniform zeta potential distribution. <i>Journal of Colloid and Interface Science</i> , 2007 , 315, 343-54	9.3	15
99	Thermophoresis of a slightly deformed aerosol sphere. <i>Physics of Fluids</i> , 2007 , 19, 033102	4.4	7
98	Thermophoresis of an aerosol sphere perpendicular to two plane walls. <i>AIChE Journal</i> , 2006 , 52, 1690-1704	3.6	7
97	Slipping Stokes flow around a slightly deformed sphere. <i>Physics of Fluids</i> , 2006 , 18, 088104	4.4	17
96	Boundary effects on osmophoresis: Motion of a spherical vesicle perpendicular to two plane walls. <i>Chemical Engineering Science</i> , 2006 , 61, 434-448	4.4	4
95	Diffusiophoresis of a colloidal sphere in nonelectrolyte gradients in a circular cylindrical pore. <i>Chemical Engineering Science</i> , 2006 , 61, 3550-3563	4.4	7
94	Thermocapillary motion of a fluid droplet perpendicular to two plane walls. <i>Chemical Engineering Science</i> , 2006 , 61, 5221-5235	4.4	8
93	Sedimentation velocity and potential in concentrated suspensions of charged porous spheres. <i>Journal of Colloid and Interface Science</i> , 2006 , 296, 710-20	9.3	21
92	Diffusioosmosis of electrolyte solutions in a fine capillary slit. <i>Journal of Colloid and Interface Science</i> , 2006 , 298, 476-86	9.3	36
91	Slow motion of a slip spherical particle perpendicular to two plane walls. <i>Journal of Fluids and Structures</i> , 2006 , 22, 647-661	3.1	29
90	Diffusioosmosis of electrolyte solutions along a charged plane wall. <i>Langmuir</i> , 2005 , 21, 5461-7	4	46
89	Transient electrophoresis of spherical particles at low potential and arbitrary double-layer thickness. <i>Langmuir</i> , 2005 , 21, 11659-65	4	9
88	Low-Knudsen-number photophoresis of aerosol spheroids. <i>Journal of Colloid and Interface Science</i> , 2005 , 282, 69-79	9.3	15
87	Transient electrophoresis of dielectric spheres. <i>Journal of Colloid and Interface Science</i> , 2005 , 291, 282-91	9.3	13
86	Diffusioosmosis of electrolyte solutions in a capillary slit with surface charge layers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 267, 4-15	5.1	11
85	Osmophoresis of a spherical vesicle in a circular cylindrical pore. <i>AIChE Journal</i> , 2005 , 51, 2628-2639	3.6	1
84	Diffusiophoresis and electrophoresis of a charged sphere parallel to one or two plane walls. <i>Journal of Colloid and Interface Science</i> , 2005 , 286, 774-91	9.3	32

83	Photophoresis of an aerosol sphere normal to a plane wall. <i>Journal of Colloid and Interface Science</i> , 2005 , 289, 94-103	9.3	9
82	Creeping motion of an assemblage of composite spheres relative to a fluid. <i>Colloid and Polymer Science</i> , 2005 , 283, 627-635	2.4	6
81	Electric conductivity in a fibrous porous medium with thin but polarized double layers. <i>Colloid and Polymer Science</i> , 2004 , 282, 985-992	2.4	7
80	Diffusioosmosis of electrolyte solutions in fine capillaries. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004 , 233, 87-95	5.1	31
79	Slow motion of axisymmetric slip particles along their axes of revolution. <i>International Journal of Engineering Science</i> , 2004 , 42, 1621-1644	5.7	19
78	Diffusiophoretic mobility of charged porous spheres in electrolyte gradients. <i>Journal of Colloid and Interface Science</i> , 2004 , 269, 240-50	9.3	28
77	Creeping motions of a composite sphere in a concentric spherical cavity. <i>Chemical Engineering Science</i> , 2004 , 59, 407-415	4.4	19
76	Thermophoresis of Aerosol Spheroids. <i>Aerosol Science and Technology</i> , 2004 , 38, 675-684	3.4	20
75	Thermophoresis of an aerosol sphere parallel to one or two plane walls. <i>AIChE Journal</i> , 2003 , 49, 2283-2309	3.9	9
74	Boundary effects on osmophoresis: motion of a spherical vesicle parallel to two plane walls. <i>Chemical Engineering Science</i> , 2003 , 58, 4449-4464	4.4	8
73	Electrokinetic flow in a capillary with a charge-regulating surface polymer layer. <i>Journal of Colloid and Interface Science</i> , 2003 , 263, 645-60	9.3	35
72	Diffusioosmosis and electroosmosis in a capillary slit with surface charge layers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 212, 27-42	5.1	25
71	Diffusioosmosis of nonelectrolyte solutions in a fibrous medium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 221, 175-183	5.1	8
70	Theory of electrokinetic phenomena in fibrous porous media caused by gradients of electrolyte concentration. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 222, 301-310	5.1	20
69	Electrophoretic Mobility and Electric Conductivity in Dilute Suspensions of Charge-Regulating Composite Spheres. <i>Langmuir</i> , 2003 , 19, 7226-7239	4	15
68	Diffusiophoresis in a suspension of spherical particles with arbitrary double-layer thickness. <i>Journal of Colloid and Interface Science</i> , 2002 , 248, 76-87	9.3	33
67	Diffusioosmosis and electroosmosis of electrolyte solutions in fibrous porous media. <i>Journal of Colloid and Interface Science</i> , 2002 , 252, 354-64	9.3	19
66	Electric conductivity of a suspension of charged colloidal spheres with thin but polarized double layers. <i>Colloid and Polymer Science</i> , 2002 , 280, 922-928	2.4	10

65	Concentration effects on photophoresis of aerosol spheres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002 , 196, 153-162	5.1	
64	Thermocapillary motion of a fluid droplet parallel to two plane walls. <i>International Journal of Multiphase Flow</i> , 2002 , 28, 1149-1175	3.6	12
63	Diffusiophoresis of a colloidal sphere in nonelectrolyte gradients parallel to one or two plane walls. <i>Chemical Engineering Science</i> , 2002 , 57, 2885-2899	4.4	8
62	Osmosis through a Fibrous Medium Caused by Transverse Electrolyte Concentration Gradients. <i>Langmuir</i> , 2002 , 18, 10475-10485	4	20
61	Electrophoretic Mobility and Electric Conductivity of Suspensions of Charge-Regulating Colloidal Spheres. <i>Langmuir</i> , 2002 , 18, 4572-4583	4	16
60	Thermophoresis and photophoresis of cylindrical particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001 , 176, 213-223	5.1	31
59	Some solutions of a cell model for a suspension of spherical vesicles in osmophoresis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2001 , 20, 177-187	6	1
58	The Electrophoretic Mobility and Electric Conductivity of a Concentrated Suspension of Colloidal Spheres with Arbitrary Double-Layer Thickness. <i>Journal of Colloid and Interface Science</i> , 2001 , 236, 180-193	8.3	61
57	Transient Electrokinetic Flow in Fine Capillaries. <i>Journal of Colloid and Interface Science</i> , 2001 , 242, 450-459	9.9	98
56	Sedimentation Velocity and Potential in a Suspension of Charge-Regulating Colloidal Spheres. <i>Journal of Colloid and Interface Science</i> , 2001 , 243, 331-341	9.3	11
55	Slow motion of a droplet between two parallel plane walls. <i>Chemical Engineering Science</i> , 2001 , 56, 6863-6871	11.4	36
54	Electrokinetic Flow in Fine Capillaries Caused by Gradients of Electrolyte Concentration. <i>Langmuir</i> , 2001 , 17, 4216-4222	4	33
53	Diffusiophoresis and Electrophoresis in Concentrated Suspensions of Charged Colloidal Spheres. <i>Langmuir</i> , 2001 , 17, 1437-1447	4	26
52	Photophoresis of an Aerosol Sphere in a Spherical Cavity. <i>Aerosol and Air Quality Research</i> , 2001 , 1, 21-30	1.6	3
51	Boundary Effects on Diffusiophoresis of Cylindrical Particles in Nonelectrolyte Gradients. <i>Journal of Colloid and Interface Science</i> , 2000 , 221, 210-222	9.3	6
50	Sedimentation Velocity and Potential in Concentrated Suspensions of Charged Spheres with Arbitrary Double-Layer Thickness. <i>Journal of Colloid and Interface Science</i> , 2000 , 227, 540-552	9.3	23
49	Particle Interactions in Diffusiophoresis and Electrophoresis of Colloidal Spheres with Thin but Polarized Double Layers. <i>Journal of Colloid and Interface Science</i> , 2000 , 231, 265-282	9.3	23
48	Effects of inertia on the slow motion of aerosol particles. <i>Chemical Engineering Science</i> , 2000 , 55, 4415-4421	11.4	19

47	Osmophoresis in a dilute suspension of spherical vesicles. <i>International Journal of Multiphase Flow</i> , 2000 , 26, 125-145	3.6	11
46	Diffusiophoretic Mobility of Spherical Particles at Low Potential and Arbitrary Double-Layer Thickness. <i>Langmuir</i> , 2000 , 16, 5289-5294	4	58
45	Motion of a Colloidal Sphere Covered by a Layer of Adsorbed Polymers Normal to a Plane Surface. <i>Journal of Colloid and Interface Science</i> , 1999 , 210, 296-308	9.3	5
44	Concentration Effects on the Thermophoresis of Aerosol Spheres. <i>Journal of Colloid and Interface Science</i> , 1999 , 216, 167-178	9.3	3
43	Boundary effects on the creeping-flow and thermophoretic motions of an aerosol particle in a spherical cavity. <i>Chemical Engineering Science</i> , 1998 , 53, 2365-2377	4.4	31
42	Hydrodynamic Interactions of Two Freely Suspended Droplets in Linear Flow Fields. <i>Journal of Colloid and Interface Science</i> , 1998 , 204, 66-76	9.3	5
41	Electric Conductivity of a Dilute Suspension of Charged Composite Spheres. <i>Langmuir</i> , 1998 , 14, 1560-1574	26	
40	Boundary Effects on the Bipolar Behavior of a Spherical Particle in an Electrolytic Cell. <i>Journal of the Electrochemical Society</i> , 1997 , 144, 3536-3544	3.9	4
39	A Study of Bipolar Spheroids in an Electrolytic Cell. <i>Journal of the Electrochemical Society</i> , 1997 , 144, 1323-1331	3.9	2
38	Low-Reynolds-number hydrodynamic interactions in a suspension of spherical particles with slip surfaces. <i>Chemical Engineering Science</i> , 1997 , 52, 1789-1805	4.4	17
37	Motion of a Colloidal Particle Coated with a Layer of Adsorbed Polymers in a Spherical Cavity. <i>Journal of Colloid and Interface Science</i> , 1997 , 185, 411-23	9.3	2
36	The Electric Conductivity of Dilute Suspensions of Charged Porous Spheres. <i>Journal of Colloid and Interface Science</i> , 1997 , 192, 375-85	9.3	13
35	Effects of Adsorbed Polymers on the Axisymmetric Motion of Two Colloidal Spheres. <i>Journal of Colloid and Interface Science</i> , 1997 , 195, 353-67	9.3	6
34	Sedimentation Velocity and Potential in a Dilute Suspension of Charged Composite Spheres. <i>Journal of Colloid and Interface Science</i> , 1997 , 195, 169-91	9.3	25
33	Particle Interactions in Diffusiophoresis: Axisymmetric Motion of Multiple Spheres in Electrolyte Gradients. <i>Langmuir</i> , 1996 , 12, 657-667	4	4
32	Thermophoresis of an arbitrary three-dimensional array of N interacting arbitrary spheres. <i>Journal of Aerosol Science</i> , 1996 , 27, 1035-1061	4.3	14
31	Electrophoresis of a colloidal sphere in a circular cylindrical pore. <i>AIChE Journal</i> , 1996 , 42, 1397-1406	3.6	75
30	Boundary Effects on Diffusiophoresis and Electrophoresis: Motion of a Colloidal Sphere Normal to a Plane Wall. <i>Journal of Colloid and Interface Science</i> , 1996 , 183, 458-75	9.3	51

29	Axisymmetric Thermophoresis of Multiple Aerosol Spheres. <i>Aerosol Science and Technology</i> , 1996 , 24, 21-35	3.4	6
28	Particle interactions in diffusiophoresis in nonelectrolyte gradients. <i>Physics of Fluids</i> , 1995 , 7, 2122-2131	4.4	12
27	Migration of Aerosol Spheres under the Combined Action of Thermophoretic and Gravitational Effects. <i>Aerosol Science and Technology</i> , 1995 , 22, 250-260	3.4	14
26	Axisymmetric thermophoretic motion of two spheres. <i>Journal of Aerosol Science</i> , 1995 , 26, 429-444	4.3	23
25	Axisymmetric Motion of Two Spherical Particles with Slip Surfaces. <i>Journal of Colloid and Interface Science</i> , 1995 , 171, 63-72	9.3	37
24	Electrokinetic Flow in a Circular Capillary with a Surface Charge Layer. <i>Journal of Colloid and Interface Science</i> , 1995 , 172, 222-229	9.3	61
23	Particle interactions in thermophoresis. <i>Chemical Engineering Science</i> , 1995 , 50, 3395-3407	4.4	29
22	Interactions among Bipolar Spheres in an Electrolytic Cell. <i>Journal of the Electrochemical Society</i> , 1994 , 141, 3103-3114	3.9	9
21	Diffusiophoresis of colloidal spheroids in symmetric electrolytes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1994 , 92, 51-65	5.1	3
20	Particle Interactions in Diffusiophoresis: Axisymmetric Motion of Multiple Spheres in Nonelectrolyte Gradients. <i>Langmuir</i> , 1994 , 10, 3010-3017	4	8
19	Diffusiophoresis and electrophoresis of colloidal cylinders. <i>Langmuir</i> , 1993 , 9, 1142-1149	4	67
18	Boundary effects on osmophoresis: motion of a vesicle normal to a plane wall. <i>Chemical Engineering Science</i> , 1993 , 48, 609-616	4.4	5
17	Boundary Effects on Osmophoresis: motion of a vesicle in an arbitrary direction with respect to a plane wall. <i>Chemical Engineering Science</i> , 1993 , 48, 3555-3563	4.4	4
16	Droplet interactions in thermocapillary migration. <i>Chemical Engineering Science</i> , 1993 , 48, 3565-3582	4.4	20
15	Particle Interactions in Electrophoresis. <i>Journal of Colloid and Interface Science</i> , 1993 , 158, 199-222	9.3	16
14	Diffusiophoresis and Electrophoresis of Colloidal Spheroids. <i>Journal of Colloid and Interface Science</i> , 1993 , 160, 354-371	9.3	32
13	Axisymmetric electrophoresis of coaxial spheroids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1993 , 75, 147-162	5.1	2
12	Axisymmetric electrophoresis of multiple colloidal spheres. <i>Journal of Fluid Mechanics</i> , 1992 , 238, 251-276	7	29

11	Droplet interactions in axisymmetric thermocapillary motion. <i>Journal of Colloid and Interface Science</i> , 1992 , 151, 1-16	9.3	26
10	Slow motion of multiple droplets in arbitrary three-dimensional configurations. <i>AICHE Journal</i> , 1992 , 38, 1881-1904	3.6	15
9	Particle interactions in electrophoresis. <i>Journal of Colloid and Interface Science</i> , 1991 , 145, 362-389	9.3	27
8	Electrophoresis of a colloidal sphere along the axis of a circular orifice or a circular disk. <i>Journal of Fluid Mechanics</i> , 1991 , 224, 305-333	3.7	51
7	Boundary effects on electrophoresis of colloidal cylinders. <i>Journal of Fluid Mechanics</i> , 1991 , 231, 211-228.	9.7	41
6	Thermocapillary motion of a fluid droplet normal to a plane surface. <i>Journal of Colloid and Interface Science</i> , 1990 , 137, 550-562	9.3	13
5	Particle interactions in electrophoresis: III. Axisymmetric motion of multiple spheres. <i>Journal of Colloid and Interface Science</i> , 1990 , 139, 105-116	9.3	23
4	Particle interactions in electrophoresis: I. Motion of two spheres along their line of centers. <i>Journal of Colloid and Interface Science</i> , 1989 , 130, 542-555	9.3	33
3	Particle interactions in electrophoresis: II. Motion of two spheres normal to their line of centers. <i>Journal of Colloid and Interface Science</i> , 1989 , 130, 556-567	9.3	29
2	Electrophoresis in a dilute dispersion of colloidal spheres. <i>AICHE Journal</i> , 1988 , 34, 1075-1085	3.6	46
1	Electrophoresis of a colloidal sphere parallel to a dielectric plane. <i>Journal of Fluid Mechanics</i> , 1988 , 194, 377	3.7	92