

The slow motion of a sphere through a viscous fluid tow

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Citation Report

#	ARTICLE	IF	CITATIONS
4	Approach of a solid sphere to a rigid plane interface. Part 2. Journal of Colloid Science, 1963, 18, 103-104.	0.8	35
5	The gravity approach and coalescence of fluid drops at liquid interfaces. Canadian Journal of Chemical Engineering, 1963, 41, 203-212.	0.9	180
6	Non-random Distribution of Bull Spermatozoa in a Drop of Sperm Suspension. Nature, 1963, 200, 381-381.	13.7	54
7	End effects in falling-ball viscometry. Journal of Fluid Mechanics, 1963, 17, 161-170.	1.4	60
8	Upper and lower bounds on the drag coefficient of a sphere in a power-law fluid. AIChE Journal, 1964, 10, 383-388.	1.8	93
9	Collisions of very small cloud drops. Journal of Geophysical Research, 1966, 71, 3101-3104.	3.3	14
10	Hydrodynamic Resistance of Particles at Small Reynolds Numbers. Advances in Chemical Engineering, 1966, 6, 287-438.	0.5	128
11	Gravitational coagulation of charged cloud drops in turbulent flow. Pure and Applied Geophysics, 1966, 64, 185-196.	0.8	4
12	The Stokes translation of a particle of arbitrary shape along the axis of a circular cylinder. Flow, Turbulence and Combustion, 1966, 16, 273-300.	0.2	34
13	The Stokes translation of two or more particles along the axis of an infinitely long circular cylinder. Flow, Turbulence and Combustion, 1966, 16, 425-454.	0.2	22
14	Measurement of the limiting viscosity with a rotating sphere viscometer. Journal of Applied Polymer Science, 1966, 10, 1793-1799.	1.3	8
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19	On the slow motion generated in a viscous fluid by the approach of a sphere to a plane wall or stationary sphere. Mathematika, 1969, 16, 37-49.	0.3	155
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21	The slow translation and rotation of two unequal spheres in a viscous fluid. Chemical Engineering Science, 1969, 24, 1769-1776.	1.9	78

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23	Asymmetrical slow viscous fluid motions caused by the translation or rotation of two spheres. Part I: The determination of exact solutions for any values of the ratio of radii and separation parameters. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 1970, 21, 164-179.	0.7	78
24	On converging solid spheres in a highly viscous fluid. <i>Mathematika</i> , 1970, 17, 250-254.	0.3	11
25	Slow motion of two spheres in a shear field. <i>Journal of Fluid Mechanics</i> , 1970, 43, 35-47.	1.4	120
26	Statistical hydromechanics of disperse systems Part 1. Physical background and general equations. <i>Journal of Fluid Mechanics</i> , 1971, 49, 489.	1.4	104
27	Effect of hydrodynamic interaction on the coagulation rate of hydrophobic colloids. <i>Journal of Colloid and Interface Science</i> , 1971, 36, 97-109.	5.0	385
28	On the hydrodynamic resistance to a particle of a dilute suspension when in the neighbourhood of a large obstacle. <i>Chemical Engineering Science</i> , 1971, 26, 325-338.	1.9	176
29	Passage of a liquid drop through a liquid-liquid interface. <i>Chemical Engineering Science</i> , 1972, 27, 881-893.	1.9	11
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33	The stability of emulsions. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1972, 37, 191-213.	0.3	31
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36	The hydrodynamic force resisting the approach of a sphere to a plane wall in slip flow. <i>Journal of Colloid and Interface Science</i> , 1973, 44, 356-360.	5.0	36
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38	Cell adhesion. <i>Progress in Biophysics and Molecular Biology</i> , 1973, 27, 315-384.	1.4	107
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65	The Constrained Brownian Movement of Spherical Particles in Cylindrical Pores of Comparable Radius. , 1977, , 331-375.		0
66	Van der Waals interactions between surfaces of biological interest. <i>Progress in Surface Science</i> , 1977, 8, 1-58.	3.8	183
67	Transport of particles to a rotating disk surface under an external force field. <i>Journal of Colloid and Interface Science</i> , 1977, 62, 529-541.	5.0	43
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77	The slow motion of two spherical particles along their line of centres. <i>International Journal of Multiphase Flow</i> , 1978, 4, 357-381.	1.6	25
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100	A strong interaction theory for the creeping motion of a sphere between plane parallel boundaries. Part 1. Perpendicular motion. <i>Journal of Fluid Mechanics</i> , 1980, 99, 739-753.	1.4	151
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156	Dissociation kinetics of secondary-minimum flocculated colloidal particles. <i>Journal of Colloid and Interface Science</i> , 1984, 102, 400-409.	5.0	29
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178	Removal of colloidal particles in electroflotation. AIChE Journal, 1985, 31, 201-208.	1.8	34
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