

Vincent S J Craig

List of Publications by Year in descending order

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133
papers

10,153
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41627

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38517

99
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135
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135
docs citations

135
times ranked

9014
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Understanding specific ion effects and the Hofmeister series. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 12682-12718. | 1.3 | 101 |
| 2 | Colloidal Systems in Concentrated Electrolyte Solutions Exhibit Re-entrant Long-Range Electrostatic Interactions due to Underscreening. <i>Langmuir</i> , 2022, 38, 6164-6173. | 1.6 | 7 |
| 3 | The electrostatic origins of specific ion effects: quantifying the Hofmeister series for anions. <i>Chemical Science</i> , 2021, 12, 15007-15015. | 3.7 | 44 |
| 4 | Artificial neural networks for the prediction of solvation energies based on experimental and computational data. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 24359-24364. | 1.3 | 15 |
| 5 | Re-entrant swelling and redissolution of polyelectrolytes arises from an increased electrostatic decay length at high salt concentrations. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 369-378. | 5.0 | 16 |
| 6 | Direct Measurement of Interaction Forces between Surfaces in Liquids Using Atomic Force Microscopy. <i>KONA Powder and Particle Journal</i> , 2019, 36, 187-200. | 0.9 | 18 |
| 7 | Does gas supersaturation by a chemical reaction produce bulk nanobubbles?. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 388-395. | 5.0 | 29 |
| 8 | Forces between zinc sulphide surfaces; amplification of the hydrophobic attraction by surface charge. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 20055-20064. | 1.3 | 3 |
| 9 | Generation of nanoparticles upon mixing ethanol and water; Nanobubbles or Not?. <i>Journal of Colloid and Interface Science</i> , 2019, 542, 136-143. | 5.0 | 59 |
| 10 | Interaction of Particles with Surfactant Thin Films: Implications for Dust Suppression. <i>Langmuir</i> , 2019, 35, 7641-7649. | 1.6 | 11 |
| 11 | Long-Term Stability of Surface Nanobubbles in Undersaturated Aqueous Solution. <i>Langmuir</i> , 2019, 35, 718-728. | 1.6 | 31 |
| 12 | Armoured nanobubbles; ultrasound contrast agents under pressure. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 123-131. | 5.0 | 51 |
| 13 | Probing the Hofmeister series beyond water: Specific-ion effects in non-aqueous solvents. <i>Journal of Chemical Physics</i> , 2018, 148, 222805. | 1.2 | 44 |
| 14 | Hydrophobic Attraction Measured between Asymmetric Hydrophobic Surfaces. <i>Langmuir</i> , 2018, 34, 3588-3596. | 1.6 | 22 |
| 15 | The Role of Citric Acid in the Stabilization of Nanoparticles and Colloidal Particles in the Environment: Measurement of Surface Forces between Hafnium Oxide Surfaces in the Presence of Citric Acid. <i>Langmuir</i> , 2018, 34, 2595-2605. | 1.6 | 29 |
| 16 | Polyelectrolyte multilayers under compression: concurrent osmotic stress and colloidal probe atomic force microscopy. <i>Soft Matter</i> , 2018, 14, 961-968. | 1.2 | 4 |
| 17 | Structured near-infrared Magnetic Circular Dichroism spectra of the Mn ₄ CaO ₅ cluster of PSII in <i>T. vulcanus</i> are dominated by Mn(IV) d-d π -spin-flip transitions. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 88-98. | 0.5 | 12 |
| 18 | Dynamically Gas-Phase Switchable Super(de)wetting States by Reversible Amphiphilic Functionalization: A Powerful Approach for Smart Fluid Gating Membranes. <i>Advanced Functional Materials</i> , 2018, 28, 1704423. | 7.8 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | PEO-PPO-PEO surfactant exfoliated graphene cyclodextrin drug carriers for photoresponsive release. <i>Materials Chemistry and Physics</i> , 2018, 205, 154-163. | 2.0 | 10 |
| 20 | Differentiating between Nanoparticles and Nanobubbles by Evaluation of the Compressibility and Density of Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2018, 122, 21998-22007. | 1.5 | 70 |
| 21 | Volcano Plots Emerge from a Sea of Nonaqueous Solvents: The Law of Matching Water Affinities Extends to All Solvents. <i>ACS Central Science</i> , 2018, 4, 1056-1064. | 5.3 | 48 |
| 22 | Surface Forces and Rheology of Titanium Dioxide in the Presence of Dicarboxylic Acids: From Molecular Interactions to Yield Stress. <i>Langmuir</i> , 2017, 33, 1496-1506. | 1.6 | 7 |
| 23 | Roughness in Surface Force Measurements: Extension of DLVO Theory To Describe the Forces between Hafnia Surfaces. <i>Journal of Physical Chemistry B</i> , 2017, 121, 6442-6453. | 1.2 | 46 |
| 24 | What is the fundamental ion-specific series for anions and cations? Ion specificity in standard partial molar volumes of electrolytes and electrostriction in water and non-aqueous solvents. <i>Chemical Science</i> , 2017, 8, 7052-7065. | 3.7 | 101 |
| 25 | Measurement of long range attractive forces between hydrophobic surfaces produced by vapor phase adsorption of palmitic acid. <i>Soft Matter</i> , 2017, 13, 8910-8921. | 1.2 | 3 |
| 26 | Forward Osmosis Desalination with Poly(Ionic Liquid) Hydrogels as Smart Draw Agents. <i>Advanced Materials</i> , 2016, 28, 4156-4161. | 11.1 | 70 |
| 27 | Cleaning with Bulk Nanobubbles. <i>Langmuir</i> , 2016, 32, 11203-11211. | 1.6 | 189 |
| 28 | A History of Nanobubbles. <i>Langmuir</i> , 2016, 32, 11086-11100. | 1.6 | 394 |
| 29 | Specific-ion effects in non-aqueous systems. <i>Current Opinion in Colloid and Interface Science</i> , 2016, 23, 82-93. | 3.4 | 60 |
| 30 | Reorganization of hydrogen bond network makes strong polyelectrolyte brushes pH-responsive. <i>Science Advances</i> , 2016, 2, e1600579. | 4.7 | 43 |
| 31 | Mimosa Origami: A nanostructure-enabled directional self-organization regime of materials. <i>Science Advances</i> , 2016, 2, e1600417. | 4.7 | 108 |
| 32 | Selective separation of oil and water with mesh membranes by capillarity. <i>Advances in Colloid and Interface Science</i> , 2016, 235, 46-55. | 7.0 | 64 |
| 33 | Mimicking enzymatic systems: modulation of the performance of polymeric organocatalysts by ion-specific effects. <i>Chemical Communications</i> , 2016, 52, 3392-3395. | 2.2 | 9 |
| 34 | Surface Nanobubbles in Nonaqueous Media: Looking for Nanobubbles in DMSO, Formamide, Propylene Carbonate, Ethylammonium Nitrate, and Propylammonium Nitrate. <i>ACS Nano</i> , 2015, 9, 7596-7607. | 7.3 | 77 |
| 35 | Surface Forces in Particle Technology: Wet Systems. <i>Procedia Engineering</i> , 2015, 102, 24-34. | 1.2 | 7 |
| 36 | Flexible Transparent Hierarchical Nanomesh for Rose Petal-Like Droplet Manipulation and Lossless Transfer. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500071. | 1.9 | 31 |

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|----|---|-----|-----------|
| 37 | Interfacial and Bulk Nanostructure of Liquid Polymer Nanocomposites. <i>Langmuir</i> , 2015, 31, 3763-3770. | 1.6 | 7 |
| 38 | Synthesis and chemical modifications of in-situ grown anatase TiO ₂ microspheres with isotropically exposed {0 0 1} facets for superhydrophobic and self-cleaning properties. <i>Applied Surface Science</i> , 2015, 357, 2022-2027. | 3.1 | 8 |
| 39 | Superhydrophobic and Superoleophilic Porous Boron Nitride Nanosheet/Polyvinylidene Fluoride Composite Material for Oil-Polluted Water Cleanup. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400267. | 1.9 | 125 |
| 40 | Wetting of nanophases: Nanobubbles, nanodroplets and micropancakes on hydrophobic surfaces. <i>Advances in Colloid and Interface Science</i> , 2015, 222, 9-17. | 7.0 | 71 |
| 41 | Surface forces: Surface roughness in theory and experiment. <i>Journal of Chemical Physics</i> , 2014, 140, 164701. | 1.2 | 60 |
| 42 | Cation-Specific Conformational Behavior of Polyelectrolyte Brushes: From Aqueous to Nonaqueous Solvent. <i>Langmuir</i> , 2014, 30, 12850-12859. | 1.6 | 43 |
| 43 | Stiff chains inhibit and flexible chains promote protein adsorption to polyelectrolyte multilayers. <i>Soft Matter</i> , 2014, 10, 3806-3816. | 1.2 | 14 |
| 44 | Superhydrophobic and Superoleophilic Boron Nitride Nanotube-Coated Stainless Steel Meshes for Oil and Water Separation. <i>Advanced Materials Interfaces</i> , 2014, 1, 1300002. | 1.9 | 107 |
| 45 | Porous carbon nanotube/polyvinylidene fluoride composite material: Superhydrophobicity/superoleophilicity and tunability of electrical conductivity. <i>Polymer</i> , 2014, 55, 5616-5622. | 1.8 | 36 |
| 46 | Surface Forces between Titanium Dioxide Surfaces in the Presence of Cationic Surfactant as a Function of Surfactant Concentration, Electrolyte Concentration, and pH. <i>Langmuir</i> , 2014, 30, 2789-2798. | 1.6 | 12 |
| 47 | Surface Force Measurements between Titanium Dioxide Surfaces Prepared by Atomic Layer Deposition in Electrolyte Solutions Reveal Non-DLVO Interactions: Influence of Water and Argon Plasma Cleaning. <i>Langmuir</i> , 2014, 30, 2093-2100. | 1.6 | 11 |
| 48 | Interfacial Nanobubbles Are Leaky: Permeability of the Gas/Water Interface. <i>ACS Nano</i> , 2014, 8, 6193-6201. | 7.3 | 83 |
| 49 | Coadsorption of Low-Molecular Weight Aromatic and Aliphatic Alcohols and Acids with the Cationic Surfactant, CTAB, on Silica Surfaces. <i>Langmuir</i> , 2014, 30, 6704-6712. | 1.6 | 9 |
| 50 | Laser Actuation of Cantilevers for Picometre Amplitude Dynamic Force Microscopy. <i>Scientific Reports</i> , 2014, 4, 5567. | 1.6 | 25 |
| 51 | Adsorption Isotherms and Structure of Cationic Surfactants Adsorbed on Mineral Oxide Surfaces Prepared by Atomic Layer Deposition. <i>Langmuir</i> , 2013, 29, 14748-14755. | 1.6 | 14 |
| 52 | Model Surfaces Produced by Atomic Layer Deposition. <i>Chemistry Letters</i> , 2012, 41, 1247-1249. | 0.7 | 12 |
| 53 | Insights into Ion Specificity in Water-Methanol Mixtures via the Reentrant Behavior of Polymer. <i>Langmuir</i> , 2012, 28, 1893-1899. | 1.6 | 40 |
| 54 | Direct Measurement of van der Waals and Diffuse Double-Layer Forces between Titanium Dioxide Surfaces Produced by Atomic Layer Deposition. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7838-7847. | 1.5 | 39 |

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|----|--|-----|-----------|
| 55 | A Deliberation on Nanobubbles at Surfaces and in Bulk. <i>ChemPhysChem</i> , 2012, 13, 2179-2187. | 1.0 | 163 |
| 56 | Very small bubbles at surfaces—the nanobubble puzzle. <i>Soft Matter</i> , 2011, 7, 40-48. | 1.2 | 241 |
| 57 | Water Droplet Motion Control on Superhydrophobic Surfaces: Exploiting the Wenzel-to-Cassie Transition. <i>Langmuir</i> , 2011, 27, 2595-2600. | 1.6 | 118 |
| 58 | Reply to Comment on Water Droplet Motion Control on Superhydrophobic Surfaces: Exploiting the Wenzel-to-Cassie Transition. <i>Langmuir</i> , 2011, 27, 13962-13963. | 1.6 | 4 |
| 59 | Do hydration forces play a role in thin film drainage and rupture observed in electrolyte solutions?. <i>Current Opinion in Colloid and Interface Science</i> , 2011, 16, 597-600. | 3.4 | 31 |
| 60 | Adsorption of dispersants at a polyester resin—alkane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 377, 318-324. | 2.3 | 3 |
| 61 | Macroscopically flat and smooth superhydrophobic surfaces: Heating induced wetting transitions up to the Leidenfrost temperature. <i>Faraday Discussions</i> , 2010, 146, 141. | 1.6 | 31 |
| 62 | The Link between Ion Specific Bubble Coalescence and Hofmeister Effects Is the Partitioning of Ions within the Interface. <i>Langmuir</i> , 2010, 26, 6478-6483. | 1.6 | 76 |
| 63 | High Yield Stress Associated with Capillary Attraction between Alumina Surfaces in the Presence of Low Molecular Weight Dicarboxylic Acids. <i>Langmuir</i> , 2010, 26, 3067-3076. | 1.6 | 10 |
| 64 | Swelling and Collapse of an Adsorbed pH-Responsive Film-Forming Microgel Measured by Optical Reflectometry and QCM. <i>Langmuir</i> , 2010, 26, 14615-14623. | 1.6 | 26 |
| 65 | Effect of electrolyte species on the adsorption of a cationic surfactant to silica: The common intersection point. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 347, 109-113. | 2.3 | 16 |
| 66 | Inhibition of Bubble Coalescence by Electrolytes in Binary Mixtures of Dimethyl Sulfoxide and Propylene Carbonate. <i>Langmuir</i> , 2009, 25, 10495-10500. | 1.6 | 11 |
| 67 | Ion Specific Electrolyte Effects on Thin Film Drainage in Nonaqueous Solvents Propylene Carbonate and Formamide. <i>Langmuir</i> , 2009, 25, 9931-9937. | 1.6 | 11 |
| 68 | Specific Ion Effects at the Air—Water Interface: Experimental Studies. , 2009, , 191-214. | | 2 |
| 69 | Inhibition of Bubble Coalescence by Osmolytes: Sucrose, Other Sugars, and Urea. <i>Langmuir</i> , 2009, 25, 11406-11412. | 1.6 | 30 |
| 70 | Improved Cleaning of Hydrophilic Protein-Coated Surfaces using the Combination of Nanobubbles and SDS. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 481-487. | 4.0 | 82 |
| 71 | Adsorption of the Cationic Surfactant Cetyltrimethylammonium Bromide to Silica in the Presence of Sodium Salicylate: Surface Excess and Kinetics. <i>Langmuir</i> , 2009, 25, 13015-13024. | 1.6 | 22 |
| 72 | Very slow surfactant adsorption at the solid—liquid interface is due to long lived surface aggregates. <i>Soft Matter</i> , 2009, 5, 3061. | 1.2 | 27 |

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|----|--|-----|-----------|
| 73 | Measurement of no-slip and slip boundary conditions in confined Newtonian fluids using atomic force microscopy. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 9514. | 1.3 | 32 |
| 74 | Cleaning using nanobubbles: Defouling by electrochemical generation of bubbles. <i>Journal of Colloid and Interface Science</i> , 2008, 328, 10-14. | 5.0 | 238 |
| 75 | Cleaning of Protein-Coated Surfaces Using Nanobubbles: An Investigation Using a Quartz Crystal Microbalance. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16748-16753. | 1.5 | 119 |
| 76 | Roughness of Microspheres for Force Measurements. <i>Langmuir</i> , 2008, 24, 7528-7531. | 1.6 | 35 |
| 77 | A Mobile Gas-Water Interface in Electrolyte Solutions. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15094-15097. | 1.5 | 57 |
| 78 | Ion-Specific Influence of Electrolytes on Bubble Coalescence in Nonaqueous Solvents. <i>Langmuir</i> , 2008, 24, 7979-7985. | 1.6 | 56 |
| 79 | Focused ion beam milling as a universal template technique for patterned growth of carbon nanotubes. <i>Applied Physics Letters</i> , 2007, 90, 093126. | 1.5 | 8 |
| 80 | Reply to "Comment on 'The Origin of Surface Stress Induced by Adsorption of Iodine on Gold'". <i>Journal of Physical Chemistry C</i> , 2007, 111, 8136-8136. | 1.5 | 1 |
| 81 | Ion-Specific Coalescence of Bubbles in Mixed Electrolyte Solutions. <i>Journal of Physical Chemistry C</i> , 2007, 111, 1015-1023. | 1.5 | 129 |
| 82 | Sensing Cantilever Beam Bending by the Optical Lever Technique and Its Application to Surface Stress. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5450-5461. | 1.2 | 36 |
| 83 | Physical Properties of Nanobubbles on Hydrophobic Surfaces in Water and Aqueous Solutions. <i>Langmuir</i> , 2006, 22, 5025-5035. | 1.6 | 380 |
| 84 | The Origin of Surface Stress Induced by Adsorption of Iodine on Gold. <i>Journal of Physical Chemistry B</i> , 2006, 110, 19507-19514. | 1.2 | 9 |
| 85 | Physical Properties of Phase-Change Emulsions. <i>Langmuir</i> , 2006, 22, 9538-9545. | 1.6 | 32 |
| 86 | Experimental Studies of the Dynamic Mechanical Response of a Single Polymer Chain. <i>Macromolecules</i> , 2006, 39, 6180-6185. | 2.2 | 16 |
| 87 | A Forecast of Developments in Scanned Probe Microscopy. <i>Australian Journal of Chemistry</i> , 2006, 59, 355. | 0.5 | 1 |
| 88 | Acoustic investigation of cavitation noise from offset ink film splitting. <i>Nordic Pulp and Paper Research Journal</i> , 2006, 21, 314-322. | 0.3 | 0 |
| 89 | Atomic Force Microscopy Study of the Interaction between Adsorbed Poly(ethylene oxide) Layers: Effects of Surface Modification and Approach Velocity. <i>Langmuir</i> , 2005, 21, 2199-2208. | 1.6 | 57 |
| 90 | Boundary slip in Newtonian liquids: a review of experimental studies. <i>Reports on Progress in Physics</i> , 2005, 68, 2859-2897. | 8.1 | 946 |

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| 91 | Bubble coalescence and specific-ion effects. <i>Current Opinion in Colloid and Interface Science</i> , 2004, 9, 178-184. | 3.4 | 187 |
| 92 | A scanning electron microscope study of the surface structure of mineral pigments, latices and thickeners used for paper coating on non-absorbent substrates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 238, 1-11. | 2.3 | 24 |
| 93 | The effect of surfactant adsorption on liquid boundary slippage. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 339, 60-65. | 1.2 | 38 |
| 94 | The hydrophobic force: nanobubbles or polymeric contaminant?. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 339, 101-105. | 1.2 | 48 |
| 95 | Adsorbed layer structure of a weak polyelectrolyte studied by colloidal probe microscopy and QCM-D as a function of pH and ionic strength. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 2379-2386. | 1.3 | 56 |
| 96 | Adsorption Pattern of Mixtures of Trimethylammonium-Modified Hydroxyethylcellulose and Sodium Dodecyl Sulfate at Solid-Liquid Interfaces. <i>Langmuir</i> , 2004, 20, 2282-2291. | 1.6 | 24 |
| 97 | Floc Strength Characterization Technique. An Insight into Silica Aggregation. <i>Langmuir</i> , 2004, 20, 6450-6457. | 1.6 | 24 |
| 98 | Adsorption and Desorption of Polymer/Surfactant Mixtures at Solid-Liquid Interfaces: Substitution Experiments. <i>Langmuir</i> , 2004, 20, 8114-8123. | 1.6 | 26 |
| 99 | Evidence of shear-dependent boundary slip in newtonian liquids. <i>European Physical Journal E</i> , 2003, 12, 71-74. | 0.7 | 89 |
| 100 | Determination of coupled solvent mass in quartz crystal microbalance measurements using deuterated solvents. <i>Journal of Colloid and Interface Science</i> , 2003, 262, 126-129. | 5.0 | 62 |
| 101 | The influence of chain length and electrolyte on the adsorption kinetics of cationic surfactants at the silica-aqueous solution interface. <i>Journal of Colloid and Interface Science</i> , 2003, 266, 236-244. | 5.0 | 129 |
| 102 | Mechanism of cationic surfactant adsorption at the solid-aqueous interface. <i>Advances in Colloid and Interface Science</i> , 2003, 103, 219-304. | 7.0 | 557 |
| 103 | Surface Roughness and Hydrodynamic Boundary Slip of a Newtonian Fluid in a Completely Wetting System. <i>Physical Review Letters</i> , 2003, 90, 144501. | 2.9 | 274 |
| 104 | Adsorption of 12-s-12 Gemini Surfactants at the Silica-Aqueous Solution Interface. <i>Journal of Physical Chemistry B</i> , 2003, 107, 2978-2985. | 1.2 | 87 |
| 105 | Adsorption of Ionic Surfactants to a Plasma Polymer Substrate. <i>Langmuir</i> , 2003, 19, 4222-4227. | 1.6 | 13 |
| 106 | Application of a Dynamic Atomic Force Microscope for the Measurement of Lubrication Forces and Hydrodynamic Thickness between Surfaces Bearing Adsorbed Polyelectrolyte Layers. <i>Macromolecules</i> , 2003, 36, 2903-2906. | 2.2 | 28 |
| 107 | Hofmeister Effects in pH Measurements: Role of Added Salt and Co-Ions. <i>Journal of Physical Chemistry B</i> , 2003, 107, 2875-2878. | 1.2 | 88 |
| 108 | Calibration of colloid probe cantilevers using the dynamic viscous response of a confined liquid. <i>Review of Scientific Instruments</i> , 2003, 74, 4026-4032. | 0.6 | 24 |

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|-----|--|-----|-----------|
| 109 | Contact Angles of Aqueous Solutions on Copper Surfaces Bearing Self-Assembled Monolayers. <i>Journal of Chemical Education</i> , 2001, 78, 345. | 1.1 | 14 |
| 110 | Adsorption Kinetics and Structural Arrangements of Cetylpyridinium Bromide at the Silica-Aqueous Interface. <i>Langmuir</i> , 2001, 17, 6155-6163. | 1.6 | 100 |
| 111 | Colloid Probe Characterization: Radius and Roughness Determination. <i>Langmuir</i> , 2001, 17, 2097-2099. | 1.6 | 97 |
| 112 | In Situ Calibration of Colloid Probe Cantilevers in Force Microscopy: Hydrodynamic Drag on a Sphere Approaching a Wall. <i>Langmuir</i> , 2001, 17, 6018-6022. | 1.6 | 86 |
| 113 | Shear-Dependent Boundary Slip in an Aqueous Newtonian Liquid. <i>Physical Review Letters</i> , 2001, 87, 054504. | 2.9 | 441 |
| 114 | Elasto-plastic and visco-elastic deformations of a polymer sphere measured using colloid probe and scanning electron microscopy. <i>International Journal of Adhesion and Adhesives</i> , 2000, 20, 445-448. | 1.4 | 28 |
| 115 | Modification of a Commercial Atomic Force Microscope for Nanorheological Experiments: Adsorbed Polymer Layers. <i>Microscopy and Microanalysis</i> , 2000, 6, 121-128. | 0.2 | 6 |
| 116 | Ion-beam-induced porosity of GaN. <i>Applied Physics Letters</i> , 2000, 77, 1455-1457. | 1.5 | 71 |
| 117 | Measurement of the Adhesion of a Viscoelastic Sphere to a Flat Non-Compliant Substrate. <i>Journal of Adhesion</i> , 2000, 74, 125-142. | 1.8 | 16 |
| 118 | Adsorption Kinetics and Structural Arrangements of Cationic Surfactants on Silica Surfaces. <i>Langmuir</i> , 2000, 16, 9374-9380. | 1.6 | 154 |
| 119 | Electrochemical Principles for Active Control of Liquids on Submillimeter Scales. <i>Science</i> , 1999, 283, 57-60. | 6.0 | 437 |
| 120 | Direct Measurement of Hydrophobic Forces: A Study of Dissolved Gas, Approach Rate, and Neutron Irradiation. <i>Langmuir</i> , 1999, 15, 1562-1569. | 1.6 | 120 |
| 121 | Use of the light-lever technique for the measurement of colloidal forces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 144, 1-8. | 2.3 | 9 |
| 122 | Study of the Long-Range Hydrophobic Attraction in Concentrated Salt Solutions and Its Implications for Electrostatic Models. <i>Langmuir</i> , 1998, 14, 3326-3332. | 1.6 | 93 |
| 123 | Comment on "Deformation of fluid interfaces under double-layer forces stabilizes bubble dispersions". <i>Physical Review E</i> , 1998, 57, 7362-7363. | 0.8 | 2 |
| 124 | Effects of Electrolytes on Bubble Coalescence. <i>Langmuir</i> , 1997, 13, 4772-4774. | 1.6 | 25 |
| 125 | An historical review of surface force measurement techniques. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1997, 129-130, 75-93. | 2.3 | 58 |
| 126 | Application of the Light-Lever Technique to the Study of Colloidal Forces. <i>Langmuir</i> , 1996, 12, 3557-3562. | 1.6 | 19 |

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|-----|--|------|-----------|
| 127 | Formation of Micronuclei Responsible for Decompression Sickness. Journal of Colloid and Interface Science, 1996, 183, 260-268. | 5.0 | 20 |
| 128 | The effect of electrolytes on bubble coalescence in water. [Erratum to document cited in CA119(18):189613s]. The Journal of Physical Chemistry, 1994, 98, 1518-1518. | 2.9 | 2 |
| 129 | Avoiding bends. Nature, 1994, 368, 490-490. | 13.7 | 2 |
| 130 | Effect of Dissolved Gas and Salt on the Hydrophobic Force between Polypropylene Surfaces. Langmuir, 1994, 10, 2736-2742. | 1.6 | 167 |
| 131 | Effect of electrolytes on bubble coalescence. Nature, 1993, 364, 317-319. | 13.7 | 307 |
| 132 | The effect of electrolytes on bubble coalescence in water. The Journal of Physical Chemistry, 1993, 97, 10192-10197. | 2.9 | 465 |
| 133 | Surface nanobubbles or Knudsen bubbles?. Physics Magazine, 0, 4, . | 0.1 | 6 |