

2006 PWSRCAC Excel Salinity/Weathering/Resurfacing Database

Prime Author	Author Initials	Second Author and more	Title	Publication/Publisher	Volume/City	DetailPlace	DetailPlace2	Page (s)	Year
Abuin	E.B.	M.A. Rubio and E.A. Lissi	"Solubility of Water in Water-in-Oil Microemulsions Stabilized by Cetyltrimethylammonium: Effects of the Surfactant Counterion the Nature and Composition of the Oil and the Salinity of the Droplets"	Journal of Colloid and Interface Science	158			pp. 129-132	1993
Al-Roomi	Y.	R. George A. Eglbaly and A. Elkamel	"Use of a Novel Surfactant for Improving the Transportability/transportation of Heavy/viscous Crude Oil"	Journal of Petroleum Science and Engineering	42			pp. 234-243	2004
Austad	T.	S. Strand	"Chemical Flooding of Oil Reservoirs 4. Effects of Temperature and Pressure on the Middle Phase Solubilization Parameters Close to Optimum Flood Condition"	Colloids and Surfaces A Physicochemical and Engineering Aspect	108			pp. 243-252	1996
Austad	T.	I. Fjeldje K. Veggeland and K. Taugbø	"Physicochemical Principles of Low Tension Polymer Flood"	Journal of Petroleum Science and Engineering	10			pp. 255-269	1994
Babadagli	T.	C.N.K. Mooers	"Selection of Proper Enhanced Oil Recovery Fluid for Efficient Matrix Recovery in Fractured Oil Reservoir"	Colloids and Surfaces A Physicochemical and Engineering Aspect	223			pp. 157-173	2003
Bang	I.	C.N.K. Mooers	"The Influence of Several Factors Controlling the Interactions between Prince William Sound Alaska and the Northern Gulf of Alaska"	Journal of Physical Oceanography	33			pp. 19-36	2003
Becher	P.	D.J. Elliott and L.M. Flaherty	"Emulsions: Theory and Practice"	Robert E. Krieger Publishing Company		Huntington	NY		1977
Belk	J.L.	M.L. Sowby M.A. Ouano M.M. Singer and R.S. Tjerdema	"The Comparative Effectiveness of Dispersants in Fresh and Low Salinity Water"	In Proceedings of the 1989 International Oil Spill Conference American Petroleum Institute		Washington	DC	pp. 333-336	1989
Blondina	G.J.	M.L. Sowby M.T. Ouano M.M. Singer and R.S. Tjerdema	"Comparative Efficacy of Two Corexit Dispersants as Measured Using California's Modified Swirling Flask Test"	In Proceedings of the Twentieth Arctic Marine Oilspill Program Technical Seminar Environment Canada		Ottawa	ON	pp. 561-573	1997a
Blondina	G.J.	M.L. Sowby M.T. Ouano M.M. Singer and R.S. Tjerdema	"A Modified Swirling Flask Efficacy Test for Oil Spill Dispersants"	Spill Science and Technology Bulletin	4			pp. 177-185	1997b
Blondina	G.J.	M.M. Singer I. Lee M.T. Ouano M. Hodgins R.S. Tjerdema and M.L. Sowby	"Influence of Salinity on Petroleum Accommodation by Dispersants"	Spill Science and Technology Bulletin	5(2)			pp. 127-134	1999
Brandvik	P.J.	P.S. Dalin	"Laboratory Testing of Dispersants Under Arctic Conditions"	In Proceedings of the Fifteenth Arctic Marine Oilspill Program Technical Seminar Environment Canada		Ottawa	ON	pp. 123-134	1992
Brandvik	P.J.	O.O. Knudsen M.O. Moldestad and P.S. Dalin	"Laboratory Testing of Dispersants Under Arctic Conditions"	In The Use of Chemicals in Oil Spill Response STP 1252 American Society for Testing and Materials		Philadelphia	PA	pp. 191-206	1995
Brown	H.M.	R.H. Goodman	"Dispersants in the Freshwater Environment"	In Oil Dispersants: New Ecological Approaches STP 1018 American Society for Testing and Materials		Philadelphia	PA	pp. 31-40	1989
Brown	H.M.	J.S. Goudey J.M. Foght S.K. Cheng M. Dale J. Hoddinott L.R. Quafie and D.W.S. Westlake	"Dispersion of Spilled Oil in Freshwater Systems: Field Trial of a Chemical Dispersant"	Oil and Chemical Pollution	6			pp. 37-54	1990
Byford	D.C.	P.J. Green and A. Lewis	"Factors Influencing the Performance and Selection of Low-Temperature Dispersant"	In Proceedings of the Sixth Arctic Marine Oilspill Program Technical Seminar Environment Canada		Ottawa	ON	pp. 140-150	1983
Chen	H.	L. Han P. Luo and Y. Ye	"The Interfacial Tension between Oil and Gemini Surfactant Solution"	Surface Science	552			pp. L53-L57	2004
Chooro	M.	N. Kamenka B. Faucompre S. Partyka M. Lindheimer and R. Zana	"Miscellization and Adsorption of a Zwitterionic Surfactant: N-dodecyl Betaine - Effect of Salt"	Colloids and Surfaces A Physicochemical and Engineering Aspects	110			pp. 249-261	1996
Clayton Jr.	J.R.	G.H. Farmer J.R. Payne G.D. McNabb P.C. Harkins J.S. Evans N.P. Rotlund C.R. Phillips and M.L. Evans	"Effects of Chemical Dispersant Agents on the Behavior and Retention of Spilled Crude Oil in a Simulated Streambed Channel"	In Oil Dispersants: New Ecological Approaches STP 1018 American Society for Testing and Materials		Philadelphia	PA	pp. 4-24	1989
Clayton Jr.	J.R.	J.R. Payne S.-F. Tsang V. Frank P. Marsden and J. Harrington	"Chemical Oil Spill Dispersants: Update State-of-the-Art on Mechanism of Action and Laboratory Testing for Performance"	EPA/600/S-92/065 United States Environmental Protection Agency		Cincinnati	OH	6p.	1992
Clayton Jr.	J.R.	J.R. Payne and J.S. Farlow	"Oil Dispersants: Mechanisms of Action and Laboratory Test"	C.K. Smoley for CRC Press		Boca Raton	FL	103p.	1993
Davis	H.T.	J. Israelachvili	"Factors Determining Emulsion Type: Hydrophile-lipophile Balance and Beyond"	Colloids and Surfaces A Physicochemical and Engineering Aspect	91			pp. 9-241	1994
Drummond	C.	J. Israelachvili	"Surface Forces and Wettability"	Journal of Petroleum Science and Engineering	33(1-3)			pp. 123-133	2002
Fingas	M.F.	I. Bier M. Bobra and S. Callagher	"Studies on the Physical and Chemical Behaviour of Oil and Dispersant Mixture"	In Proceedings of the 1991 International Oil Spill Conference American Petroleum Institute		Washington	DC	pp. 419-426	1991
Fingas	M.F.	D.A. Kyle and E.J. Tennyson	"Physical and Chemical Studies on Oil Spill Dispersants: Effectiveness Variation with Energy"	In Proceedings of the Fifteenth Arctic and Marine Oilspill Technical Seminar Environment Canada		Ottawa	ON	pp. 135-142	1992
Fingas	M.F.	D.A. Kyle Z. Wang F. Ackerman and J. Mullir	"Testing of Oil Spill Dispersant Effectiveness in the Laboratory"	In Proceedings of the Seventeenth Arctic and Marine Oilspill Program Technical Seminar Environment Canada		Ottawa	ON	pp. 905-941	1994
Fingas	M.F.	D.A. Kyle P. Lambert Z. Wang and J.V. Mullir	"Analytical Procedures for Measuring Oil Spill Dispersant Effectiveness in the Laboratory"	In Proceedings of the Eighteenth Arctic and Marine Oilspill Program Technical Seminar Environment Canada		Ottawa	ON	pp. 339-354	1995a
Fingas	M.F.	D.A. Kyle and E.J. Tennyson	"Dispersant Effectiveness: Studies Into the Causes of Effectiveness Variation"	In The Use of Chemicals in Oil Spill Response STP 1252 American Society for Testing and Materials		Philadelphia	PA	pp. 92-132	1995b
Fingas	M.F.	Z. Wang B. Fieldhouse and P. Smitt	"Dispersed Oil Resurfacing with Time"	In Proceedings of the Twenty-sixth Arctic and Marine Oilspill Program Technical Seminar Environment Canada		Ottawa	ON	pp. 731-742	2003
Fjeldje	I.	T. Austad	"HPLC Analysis of Salt Tolerant Mixtures of Ethoxylated and Non-ethoxylated Sulfonates Applicable in Enhanced Oil Recovery"	Colloids and Surfaces A Physicochemical and Engineering Aspect	82			pp. 85-90	1994
Fjeldje	I.	T. Austad and J. Miller	"Adsorption VII. Dynamic Adsorption of a Dual Surfactant System onto Reservoir Cores at Seawater Salinities"	Journal of Petroleum Science and Engineering	13			pp. 193-201	1995
Flaherty	L.M.	W.B. Katz and S. Kaufman	"Dispersant Use Guidelines for Freshwater and Other Inland Environment"	In Oil Dispersants: New Ecological Approaches STP 1018 American Society for Testing and Materials		Philadelphia	PA	pp. 25-30	1989
Fritz	D.E.	S.L. Vaughn	"Effect of Salinity on Chemical Effectiveness"	In Proceedings of a Workshop on the Use of Chemical Countermeasures Product Data for Oil Spill Planning and Response NOAA		Seattle	WA	pp. 75-81	1995
Gay	S.M.	R.R. Lessard K.W. Becker G.P. Canevari and R.J. Fiocco	"Seasonal Hydrography and Tidal Currents of Bays and Fjords in Prince William Sound Alaska"	Fisheries Oceanography	10(Suppl. 1)			pp. 159-193	2001
George-Ares	A.	O. Chaalal	"Modification of the Dispersant Corexit 9500 for Use in Freshwater"	In Proceedings of the 2001 International Oil Spill Conference American Petroleum Institute		Washington	DC	pp. 1209-1211	2001
Ghannam	M.T.	S. Le Floch and F.-X. Merli	"Oil Spill Cleanup Using Vacuum Technique"	Fuel	82			pp. 789-797	2003
Guyomarch	J.	K.D. Papadopoulos	"Effect of Suspended Mineral Load Water Salinity and Oil Type on the Size of Oil-Mineral Aggregates in the Presence of Chemical Dispersant"	Spill Science and Technology	8			pp. 95-100	2002
Hou	W.	M.-R. Tamg Z. Ma and J.E. Glass	"W1/O/W2 and O1/W/O2 Globules Stabilized with Span 80 and Tween 80"	Colloids and Surfaces A: Physicochemical and Engineering Aspect	Vol. 125			pp. 181-187	1997
Hou	W.	B. Nyström and B. Lindmar	"Stability of Water-in-oil-in-water Type Globules"	Chemical Engineering Science	51			pp. 5043-5051	1996
Kaczmarek	J.P.	A.M. Vesala	"Surfactant and Salinity Influences on Associative Thickener Aqueous Solution Rheology"	Colloids and Surfaces A Physicochemical and Engineering Aspect	147			pp. 39-53	1999
Kjønksen	A.-L.	H.-H. Chen	"Dynamic Light Scattering on Semidilute Aqueous Systems of Ethyl (hydroxyethyl) Cellulose. Effects of Temperature Surfactant Concentration and Salinity"	Colloids and Surfaces A Physicochemical and Engineering Aspect	149			pp. 347-354	1999
Lehtinen	C.M.	H. Kumeda	"Effectiveness of Oil Spill Dispersants at Low Salinities and Low Water Temperatures in Oil Spill Chemical Dispersants: Research"	Experience and Recommendations STP 840 American Society for Testing and Materials		Philadelphia	PA	pp. 108-121	1984
Li	J.-L.	M. Dong W. Zhou M. Ayub Y.P. Zhang and S. Huang	"Solubilization of Model Polycyclic Aromatic Hydrocarbons by Nonionic Surfactant"	Chemical Engineering Science	57			pp. 2825-2835	2002
Li	X.	B.W.J. Lynch	"Cationic Surfactants: Microemulsion Formation and Solubilization"	Current Opinion Colloid and Interface Science	Vol. 8			pp. 327-336	2003
Liu	O.	M. Dong W. Zhou M. Ayub Y.P. Zhang and S. Huang	"Improved Oil Recovery by Adsorption-desorption in Chemical Flooding"	Journal of Petroleum Science and Engineering					2004 (in press)
Martinielli	F.N.	D. Tunaley and S. Biggs	"Factors Affecting the Efficiency of Dispersants"	LR 363 (OP) Warren Spring Laboratory		Stevenage		18p.	1980
Mackay	D.	G.W. Harris	"Effectiveness of Chemical Dispersants Under Breaking Wave Conditions in the Use of Chemicals in Oil Spill Response"	STP 1252 American Society for Testing and Materials		Philadelphia	PA	pp. 310-340	1995
McAuliffe	C.D.	G.J.B. Schwartz S. Singaram E.E. Mielbrecht R.S. Tjerdema and M.L. Sowby	"The Use of Chemical Dispersants to Control Oil Spills in Shallow Nearshore Waters"	STP 1018 American Society for Testing and Materials		Philadelphia	PA	pp. 49-72	1989
Moet	A.	M.Y. Bakr M. Abdelmonim and O. Abdelwahab	"Factors Affecting Measurements of the Efficiency of Spilled Oil Dispersion"	Preprints - Symposium on General Papers and Poster Session for the Division of Petroleum Chemistry 210 National Meeting American Chemical Society	Vol. 40			pp. 564-566	1995
Moles	A.	L. Holland and J. Short	"The Effectiveness of Corexit 9527 and 9500 in Dispersing Fresh Weathered and Emulsion of Alaska North Slope Crude Oil Under Subarctic Conditions"	Prince William Sound Regional Citizens' Advisory Council		Anchorage	AK	24p.	2001
Moles	A.	L. Holland and J. Short	"Effectiveness in the Laboratory of Corexit 9527 and 9500 in Dispersing Fresh Weathered and Emulsion of Alaska North Slope Crude Oil Under Subarctic Conditions"	Spill Science and Technology Bulletin	7			pp. 241-247	2002
Mollet	C.	Y. Touhami and V. Hornot	"A Comparative Study of the Effect of Ready-Made and In Situ Formed Surfactants on Inter-facial Tension Measured by Drop Volume Tensiometry"	Journal of Colloid and Interface Science	178			pp. 523-530	1996
Moosai	R.	R.A. Dawe	"Gas Attachment of Oil Droplets for Gas Flotation for Oily Wastewater Cleanup"	Separation and Purification Technology	33			pp. 303-314	2003
Park	S.-K.	A.R. Bielefeldt	"Equilibrium Partitioning of a Non-ionic Surfactant and Pentachlorophenol between Water and a Non-aqueous Phase Liquid"	Water Research	37			pp. 3412-3420	2003
Peabody	C.H.	E. Nagy J.P. Sherry B.J. Dutka V. Glooschenko N.B. Snow and P.J. Wade	"Freshwater Dispersant Study"	In Proceedings of the Fifth Arctic Marine Oilspill Program Technical Seminar Environment Canada		Ottawa	ON	pp. 265-274	1982
Prosser	A.J.	M.R. Islam	"New Thermodynamic/Electrostatic Models of Adsorption and Tension Equilibria of Aqueous Ionic Surfactant Mixtures: Application to Sodium Dodecyl Sulfate/sodium Dodecyl Sulfonate Systems"	Journal of Colloid and Interface Science	263			pp. 606-615	2003
Sabatini	D.A.	E. Acosta and J.H. Harwell	"Linker Molecules in Surfactant Mixtures"	Current Opinion Colloid and Interface Science	8			pp. 316-326	2003
Sayouh	M.H.	M.S. Al-Blehed and A.M. Attia	"The Effect of Alkaline and Polymer Additives on Phase Behaviour of Surfactant-oil-brine System at High Salinity Condition"	Revue de L'Institut Francais du Pétrole	48			pp. 359-369	1993
Scott	B.F.	M.R. Islam	"Ecological Effects of Oil-Dispersant Mixtures in Fresh Water"	In Proceedings of the 1979 International Oil Spill Conference American Petroleum Institute		Washington	DC	pp. 565-571	1979
Song	F.Y.	J.S. Bonner A.N.S. Ernest C.A. Page and R.L. Autenreith	"Effect of Salinity and Rock Type on Sorption Behaviour of Surfactants as Applied in Cleaning of Petroleum Contaminant"	Journal of Petroleum Science and Engineering	10			pp. 321-336	1994
Sterling	M.S.	C.N.K. Mooers and S.M. Gay	"Chemical Dispersant Effectiveness Testing: Influence of Droplet Coalescence"	Marine Pollution Bulletin	48			pp. 969-977	2004
Vaughn	S.L.	D. Tunaley and S. Biggs	"Physical Variability in Prince William Sound during the SEA Study (1994-98)"	Fisheries Oceanography	10(Suppl. 1)			pp. 58-80	2001
Watt	S.L.	G.W. Harris	"The Formation of Water-in-oil Microemulsions Using a Concentrated Saline Aqueous Solution"	Colloids and Surfaces A Physicochemical and Engineering Aspect	137			pp. 25-33	1998
Wells	P.G.	G.J.B. Schwartz S. Singaram E.E. Mielbrecht R.S. Tjerdema and M.L. Sowby	"Dispersing Effectiveness of Some Oil Spill Dispersants: Testing with the Mackay Apparatus"	Spill Technology Newslette	4			pp. 232-241	1979
Wolfe	M.F.	H.E. Olsen K.A. Gasud R.S. Tjerdema and M.L. Sowby	"Effects of Salinity and Temperature on the Bioavailability of Dispersed Petroleum Hydrocarbons to the Golden-Brown Algae Isochrysis galbana"	Archives of Environmental Contamination and Toxicology	35			pp. 268-273	1998
Wolfe	M.F.	Y. Xu T. Dabros and H. Hamza	"Induction of Heat Shock Protein (hsp60) in Isochrysis galbana Exposed to Sublethal Preparations of Dispersant and Prudhoe Bay Crude Oil"	Marine Environmental Research	47			pp. 473-489	1999
Wu	J.	R. Anton and J.-L. Salager	"Development of a Method for Measurement of Relative Solubility of Nonionic Surfactants"	Colloids and Surfaces A Physicochem Engineering Aspect	232			pp. 229-237	2004
Ysambert	F.	B.K. Man L.L. Chan M.H. Lam P.K. Lam L. Wang H. Jin and R.S. Wu	"Retrograde Transition in the Phase Behaviour of Surfactant-Oil-Water Systems Produced by an Oil Equivalent Alkane Carbon Number Series"	Colloids and Surfaces A Physicochemical and Engineering Aspect	125			pp. 131-136	1997
Yu	H.	L. Luo S. Zhao Z.-C. Xu J.-Y. An and J.-Y. Yi	"Cloud-point Extraction of Nodularin-R from Natural Waters"	Analytica Chimica Acta	509			pp. 63-70	2004
Zhang	L.	J.M. Gutierrez K. Aramaki K.-I. Aratani and H. Kumeda	"Effect of Different Acidic Fractions in Crude Oil on Dynamic Interfacial Tensions in Surfactant/alkali/model Oil System"	Journal of Petroleum Science and Engineering	41			pp. 189-198	2004
Acharya	D.P.	M.A. Mendes-Tatiz	"Interfacial Properties and Foam Stability Effect of Novel Gemini-type Surfactants in Aqueous Solutions"	Journal of Colloid and Interface Science	Vol. 291			pp. 236-243	2005
Agble	D.	B.P. Binks and J.H. Clint	"The Prediction of Marangoni Convection in Binary Liquid-Liquid Systems with Added Surfactant"	International Journal of Heat and Mass Transfer	Vol. 44			pp. 1439-1449	2001
Al-Sabagh	A.M.	K. Demetriades and D.J. McClements	"The Relevance of HLB of Surfactants on the Stability of Asphalt Emulsion"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 204			pp. 73-83	2002
Aveyard	R.	A.H. Mounteer F.R. Amorin and M.R. Totola	"Emulsion Stabilized Solely by Colloidal Particles"	Advances in Colloid and Interface Science	Vol. 100-102			pp. 503-546	2003
Basaran	T.K.	C.P. Whitby	"Ultrasonic Imaging of Gravitational Separation in Emulsions"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 136			pp. 169-181	1994
Batista	S.B.	C.P. Whitby	"Isolation and Characterization of Biosurfactant/Bioemulsifier-producing Bacteria from Petroleum Contaminated Sites"	Bioresource Technology					2005 (in press)
Binks	B.P.	D.T. Wasan Y.-H. Kim A.D. Nikolov and C.S. Shetty	"Nanoparticle Silica-Stabilised Oil-in-Water Emulsions: Improving Emulsion Stability"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 253			pp. 105-115	2005
Bird	K.S.	P.B. Davies and D.J. Neivandt	"Handbook of Surface and Colloid Chemistry"	CRC Press		Boca Raton	FL	765p.	2003
Breen	P.J.	D. Tao	"Emulsions and Emulsion Stability"	Marcel Dekker	Chapter 3	New York	NY	pp. 237-285	1996
Casford	M.T.L.	C.-H. Lu C.-H. Chang Y.-M. Yang and J.-R. Mai	"Studies of the Co-adsorption of an Anionic Surfactant and an Uncharged Polymer at the Aqueous Solution/Hydrophobic Surface Interface by Sum Frequency Spectroscopy"	Langmuir	Vol. 19			pp. 7386-7391	2003
Chen	G.	I.B. Bazhlekov	"An Experimental Study of Stability of Oil-Water Emulsion"	Fuel Processing Technology	Vol. 86			pp. 499-508	2005
Chen	C.-M.		"Influence of pH on the Stability of Oil-in-water Emulsions Stabilized by a Splittable Surfactant"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 170			pp. 173-179	2000
Chesters	A.K.		"Effect of Insoluble Surfactants on Drainage and Rupture of a Film between Drops Interacting under a Constant Force"	Journal of Colloid and Interface Science	Vol. 230			pp. 229-243	2000

2006 PWSRCAC Excel Salinity/Weathering/Resurfacing Database

Prime Author	Author Initials	Second Author and more	Title	Publication/Publisher	Volume/City	DetailPlace	DetailPlace2	Page (s)	Year
Civan	F.	L.J. Alarcon and S.E. Campbell	"Laboratory Confirmation of New Emulsion Stability Model"	Journal of Petroleum Science and Engineering	Vol. 43			pp. 25-34	2004
Clausse	D.	I. Pezron and L. Komunjer	"Stability of W/O and W/O/W Emulsions as a Result of Partial Solidification"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 152			pp. 23-29	1999
Coons	J.E.	P.J. Halley S.A. McGlashan and T. Tran-Con	"Scaling Laws for the Critical Rupture Thickness of Common Thin Films"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 263			pp. 258-266	2005
Cowell	M.A.	T.C.G. Kibbey J.B. Zimmerman and K.F. Hayes	"Partitioning of Ethoxylated Nonionic Surfactants in Water/NAPL Systems: Effects of Surfactant and NAPL Properties"	Environmental Science and Technology	Vol. 34			pp. 1583-1588	2000
Dagastine	R.R.	G.W. Stevens D.Y.C. Chan and F. Griesse	"Forces between Two Oil Droplets in Aqueous Solution Measured by AFM"	Journal of Colloid and Interface Science	Vol. 273			pp. 339-342	2004
Dalgleish	D.G.		"Food Emulsions"	Emulsions and Emulsion Stability Marcel Dekke	Chapter 5	New York	NY	pp. 287-323	1996
Danov	K.D.	D.S. Valkovska and I.B. Ivanov	"Effects of Surfactants on the Film Drainage"	Journal of Colloid and Interface Science	Vol. 211			pp. 291-303	1999
Danov	K.D.	D.S. Valkovska and P.A. Kralchevsky	"Hydrodynamic Instability and Coalescence in Trains of Emulsion Drops or Gas Bubbles Moving through a Narrow Capilla"	Journal of Colloid and Interface Science	Vol. 267			pp. 243-258	2003
Deluheri	J.	N. Rajagopalan	"A Turbidimetric Method for the Rapid Evaluation of MWF Emulsion Stability"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 256			pp. 145-149	2005
Demetriades	K.	D.J. McClements	"Influence of Sodium Dodecyl Sulfate on the Physicochemical Properties of Whey Protein-stabilized Emulsion"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 161			pp. 391-400	2000
Deng	S.	G. Yu Z. Jiang R. Zhang and Y.P. Tian	"Destabilization of Oil Droplets in Produced Water from ASP Flooding"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 252			pp. 113-119	2005
De Vleeschouwer	D.	P. Van der Meeren	"Colloid Chemical Stability and Interfacial Properties of Mixed Phospholipid-non-ionic Surfactant Stabilized Oil-in-water Emulsion"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 152			pp. 59-66	1999
Dickinson	E.	M.J. Goller and D.J. Wedlock	"Osmotic Pressure Creaming and Rheology of Emulsions Containing Nonionic Polysaccharide"	Journal of Colloid and Interface Science	Vol. 172			pp. 192-202	1995
Dickinson	E.	C. Ritouzis	"Creaming and Rheology of Oil-in-Water Emulsions Containing Sodium Dodecyl Sulfate and Sodium Caseinate"	Journal of Colloid and Interface Science	Vol. 224			pp. 148-154	2000
Dickinson	E.	S.J. Radford and M. Golding	"Stability and Rheology of Emulsions Containing Sodium Caseinate: Combined Effects of Ionic Calcium and Non-ionic Surfactant"	Food Hydrocolloids	Vol. 17			pp. 211-220	2003
Dukhin	A.S.	P.J. Goetz	"New Developments in Acoustic and Electroacoustic Spectroscopy for Characterizing Concentrated Dispersions"	Colloids and Surfaces	Vol. 192			pp. 267-306	2001
Dukhin	A.	P. Goetz	"Evolution of Water-in-Oil Emulsion Controlled by Droplet-Bulk Ion Exchange: Acoustic Electroacoustic Conductivity and Image Analysis"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 253			pp. 51-64	2005
Dukhin	S.	J. Sjöblom	"Kinetics of Brownian and Gravitational Coagulation in Dilute Emulsion"	Emulsions and Emulsion Stability Marcel Dekke	Chapter 2	Amsterdam	Holland	pp. 41-180	1996
Dukhin	S.S.	G. Kretzschmar and R. Miller	"Dynamics of Adsorption at Liquid Interfaces"	Elsevier				580p.	1995
Dukhin	S.	R. Zimmermann and C. Werner	"A Concept for the Generalization of the Standard Electrokinetic Mode"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 195			pp. 103-112	2001
Dukhin	S.	N.A. Mishchuk G. Logio L. Liggieri and R. Mile	"Coalescence Coupling with Flocculation in Dilute Emulsions with the Primary and/or Secondary Minimum"	Advances in Colloid and Interface Science	Vol. 88			pp. 209-102	2003
Engels	T.	T. Foerster and W. Von Rybinsk	"The Influence of Coemulsifier Type on the Stability of Oil-in-water Emulsion"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 99			pp. 141-149	1995
Fairman	V.B.	E.H. Lucassen-Reynders and R. Mile	"Adsorption of Surfactants and Proteins at Fluid Interfaces"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 143			pp. 141-165	1998
Fernandez	E.	J.M. Benito C. Pazos J. Coca I. Ruiz and G. Rio	"Regeneration of an Oil-in-water Emulsion after Use in an Industrial Copper Rolling Process"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 263			pp. 363-369	2005
Filip	D.	V.I. Uricanu M.H.G. Duits W.G.M. Agterof and J. Mellema	"Influence of Bulk Elasticity and Interfacial Tension on the Deformation of Gelled Water-in-Oil Emulsion Droplets: An AFM Study"	Langmuir	Vol. 21			pp. 115-126	2005
Fingas	M.F.		"Use of Surfactants for Environmental Applications"	In Surfactants: Fundamentals and Applications to the Petroleum Industry Cambridge University Press	Chapter 12	Cambridge	UK	pp. 461-539	2000
Fingas	M.F.	L. Sigouin Z. Wang and G. Thourir	"Resurfacing of Oil with Time in the Swirling Flask"	In Proceedings of the Twenty-fifth Arctic and Marine Oilspill Program Technical Seminar Environment Canada		Ottawa	ON	pp. 773-783	2002
Fingas	M.F.	Z. Wang B. Fieldhouse and P. Smit	"Dispersed Oil Resurfacing with Time"	In Proceedings of the Twenty-sixth Arctic and Marine Oilspill Program Technical Seminar Environment Canada		Ottawa	ON	pp. 731-742	2003
Freire	M.G.	A.M.A. Dias M.A.Z. Coelho J.A.P. Coutinho and I.M. Marrucho	"Aging Mechanisms of Perfluorocarbon Emulsions Using Image Analysis"	Journal of Colloid and Interface Science	Vol. 286			pp. 224-232	2005
Friberg	S.E.	J. Yang	"Emulsion Stability"	Emulsions and Emulsion Stability Marcel Dekke	Chapter 1		NY	pp. 1-40	1996
Fukuda	M.		"The Importance of Lipophobicity in Surfactants: Methods for Measuring Lipophobicity and its Effect on the Properties of Two Types of Nonionic Surfactant"	Journal of Colloid and Interface Science	Vol. 289			pp. 512-520	2005
Giermanska-Kahn	J.	V. Laine S. Arditty V. Schmitt and F. Leal-Calderon	"Particle-Stabilized Emulsions Comprised of Solid Droplets"	Langmuir	Vol. 21			pp. 4316-4323	2005
Gu	Y.S.	A.E. Decker and D.J. McClements	"Production and Characterization of Oil-in-water Emulsions Containing Droplets Stabilized by Multilayer Membranes Consisting of -lactoglobulin l-carrageenan and Gelatin"	Langmuir	Vol. 21			pp. 5752-5760	2005a
Gu	Y.S.	L. Requier and D.J. McClements	"Influence of Environmental Stresses on Stability of Oil-in-water Emulsions Containing Droplets Stabilized by -lactoglobulin and l-carrageenan"	Journal of Colloid and Interface Science	Vol. 286			pp. 551-558	2005b
Gullapalli	R.P.	B.B. Sheth	"Influence of an Optimized Non-ionic Emulsifier Blend on Properties of Oil-in-water Emulsion"	European Journal of Pharmaceutics and Biopharmaceutics	Vol. 48			pp. 233-238	1999
Gurkov	T.	K. Danov N. Alleborn H. Raschler and F. Durs	"Role of Surface Forces in the Stability of Evaporating Thin Liquid Films that Contain Surfactant Micelle"	Journal of Colloid and Interface Science	Vol. 198			pp. 224-240	1998
Hiemenz	P.C.	R. Rajagopalan	"Principles of Colloid and Surface Chemistry"	Marcel Dekker		New York	NY		1997
Ho	O.B.		"Electrokinetic Studies on Emulsions Stabilized by Ionic Surfactants: The Electroacoustophoretic Behaviour and Estimation of Davies' HLB Increment"	Journal of Colloid and Interface Science	Vol. 198			pp. 249-260	1998
Holt	O.	O. Saether J. Sjöblom S.S. Dukhin and N.A. Mishchuk	"Video-enhanced Microscopic Investigation of Reversible Brownian Coagulation in Dilute Oil-in-water Emulsions"	Colloids and Surfaces A Physicochemical and Engineering Aspects	Vol. 195-207			pp. 155-175	1997
Horozov	T.S.	B.P. Binks	"Stability of Suspensions Emulsions and Foams Studied by a Novel Automated Analyze"	Langmuir	Vol. 20			pp. 9007-9013	2004
Horvath-Szabo	G.	J.H. Maslyah and J. Czameck	"Emulsion Stability Based on Phase Behaviour in Sodium Naphthenates Containing Systems: Gels With a High Organic Solvent Content"	Journal of Colloid and Interface Science	Vol. 257			pp. 299-309	2003
Hou	W.	K.D. Papadopoulos	"Stability of Water-in-oil-in-water Type Globules"	Chemical Engineering Science	Vol. 51			pp. 5043-5051	1996
Hunter	R.J.		"Foundations of Colloid Science"	Oxford University Press	Second Edition	Oxford	UK	806p.	2001
Ikezoe	Y.	S. Ishizaki H. Yui M. Fujinami and T. Sawada	"Chemical Oscillation with Periodic Adsorption and Desorption of Surfactant Ions at a Water/Nitrobenzene Interface"	Analytical Chemistry	Vol. 20			pp. 1509-1514	2004
Ivanov	I.B.	D.S. Dimitrov P. Somasundaran and R.K. Jain	"Thinning of Films with Deformable Surfaces: Diffusion-controlled Surfactant Transfer"	Chemical Engineering Science	Vol. 40			pp. 137-150	1985
Ivanov	I.B.	P.A. Kralchevsky	"Stability of Emulsions Under Equilibrium and Dynamic Conditions"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 128			pp. 155-175	1997
Ivanov	I.B.	K.D. Danov and P.A. Kralchevsky	"Flocculation and Coalescence of Micron-size Emulsion Droplets"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 152			pp. 161-182	1999
Jiao	J.	D.G. Rhodes and D.J. Burgess	"Multiple Emulsion Stability: Pressure Balance and Interfacial Film Strength"	Journal of Colloid and Interface Science	Vol. 250			pp. 444-450	2002
Kang	W.	Y. Liu B. Qi G. Liao H. Yang and J. Hong	"Interactions between Alkali/surfactant/polymer and their Effects on Emulsion Stability"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 175			pp. 243-247	2000
Kelley	D.	D.J. McClements	"Influence of Sodium Dodecyl Sulfate on the Thermal Stability of Bovine Serum Albumin Stabilized Oil-in-water Emulsion"	Food Hydrocolloids	Vol. 17			pp. 87-93	2003
Kim	H.J.	E.A. Decker and D.J. McClements	"Comparison of Droplet Flocculation in Hexadecane Oil-in-water Emulsions Stabilized by -Lactoglobulin at pH 3 and"	Langmuir	Vol. 20			pp. 5733-5799	2004
Klinkesom	U.	P. Sophanodora P. Chinachoti and D.J. McClements	"Stability and Rheology of Corn Oil-in-water Emulsions Containing Maltodextrin"	Food Research International	Vol. 37			pp. 851-859	2004
Koh	A.	D. Vollhardt	"Flocculation and Coalescence of Oil-in-water Poly(dimethylsiloxane) Emulsion"	Journal of Colloid and Interface Science	Vol. 227			pp. 390-397	2000
Kovalchuk	N.M.		"Non-linear Oscillations at Liquid Interfaces by Surfactant Transfer"	Progress in Colloid Polymer Science	Vol. 128			pp. 35-43	2004
Kralchevsky	P.A.	K.D. Danov and N.D. Denkov	"Chemical Physics of Colloid Systems and Interfaces"	Handbook of Surface and Colloid Chemistry CRC Press				pp. 137-344	2003
Kralchevsky	P.A.	I.B. Ivanov K.P. Ananthapadmanabhan and A. Lip	"On the Thermodynamics of Particle-stabilized Emulsions: Curvature Effects and Catastrophic Phase Inversion"	Langmuir	Vol. 21			pp. 50-63	2005
Kruglyakov	P.M.	A.V. Nustayeva	"Investigation of Capillary Pressure on Stability of a Thin Layer Emulsion Stabilized by Solid Particle"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 263			pp. 330-335	2005
Langewin	D.		"Influence of Interfacial Rheology on Foam and Emulsion Properties"	Advances in Colloid and Interface Science	Vol. 88			pp. 209-222	2000
Lavabre	D.	V. Pradines J.-C. Micheau and V. Pimienta	"Periodic Marangoni Instability in Surfactant (CTAB) Liquid/Liquid Mass Transfer"	Journal of Physical Chemistry	Vol. 109			pp. 7582-7586	2005
Lee	J.	C. Pozrikidis	"Effect of Surfactants on the Deformation of Drops and Bubbles in Navier-Stokes Flow"	Computers & Fluids	Vol. 35			pp. 43-60	2006
Li	D.		"Coalescence between Small Bubbles: Effects of Surface Tension Gradient and Surface Viscosity"	Journal of Colloid and Interface Science	Vol. 181			pp. 34-44	1996
Lin	C.-K.	C.-C. Hwang and W.-Y. Uen	"A Nonlinear Rupture Theory of Thin Liquid Films with Soluble Surfactant"	Journal of Colloid and Interface Science	Vol. 231			pp. 379-393	2000
Liu	E.-H.	K.M. McGrath	"Emulsion Microstructure and Energy Input Roles in Emulsion Stability"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 263			pp. 101-112	2005
Liu	Q.	M. Dong W. Zhou M. Ayub Y.P. Zhang and S. Huang	"Improved Oil Recovery by Adsorption-desorption in Chemical Flooding"	Journal of Petroleum Science and Engineering	Vol. 43			pp. 75-86	2004
Lye	G.L.	D.C. Stuckey	"Structure and Stability of Colloidal Liquid Aphrons"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 131			pp. 119-136	1998
McClements	D.J.		"Ultrasound Determination of Depletion Flocculation in Oil-in-Water Emulsions Containing a Non-Ionic Surfactant"	Colloids and Surfaces	Vol. 90A			pp. 25-35	1994
McClements	D.J.	S.R. Dungan	"Effect of Colloidal Interactions on the Rate of Interdroplet Heterogeneous Nucleation in Oil-in-Water Emulsion"	Journal of Colloid and Interface Science	Vol. 186			pp. 17-28	1997
Melik	D.H.	M.S. Fogler	"Fundamentals of Colloidal Stability in Quiescent Media"	In Encyclopedia of Emulsion Technology Marcel Dekke	Vol. 2 Chapter 1		NY	pp. 3-78	1988
Melle	S.	M. Laskand G.G. Fuller	"Pickering Emulsions with Controllable Stability"	Langmuir	Vol. 21			pp. 2158-2162	2005
Menin	V.B.	D.T. Wasan	"Demulsification"	In Encyclopedia of Emulsion Technology: Applications Marcel Dekke	Vol. 2 Chapter 1		NY	pp. 1-75	1985
Michaut	F.	P. Perrin and P. Hebraud	"Interface Composition of Multiple Emulsions: Rheology as a Probe"	Langmuir	Vol. 20			pp. 8576-8581	2004
NAS			"Oil Spill Dispersants"	National Academy of Sciences		Washington	DC		2005
Neuman	B.	B. Vincent R. Krustev and H.-J. Muelle	"Stability of Various Silicone Oil/Water Emulsion Films as a Function of Surfactant and Salt Concentration"	Langmuir	Vol. 20			pp. 4336-4344	2004
Niraula	B.	T.C. King T.K. Chun and M. Misra	"Rheology Properties of Glucopyranoside Stabilized Oil-water Emulsions: Effect of Alkyl Chain Length and Bulk Concentration of the Surfactant"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 251			pp. 117-132	2004
Noskov	B.A.		"Fast Adsorption at the Liquid-Gas Interface"	Advances in Colloid and Interface Science	Vol. 69			pp. 63-129	1996
Palanuwech	J.	J.N. Coupland	"Effect of Surfactant Type on the Stability of Oil-in-water Emulsions to Dispersed Phase Crystallization"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 223			pp. 251-262	2003
Pang	H.	J. Zhang Y. Yan B. Xu Z. Zhang J. Pan Y. Deng and L. Du	"Emulsification of Modified Petroleum Waxes"	Petroleum Science and Technology	Vol. 22			pp. 439-445	2004
Porras	M.	C. Solans C. Gonzalez A. Martinez A. Guinart and J.M. Guillemez	"Studies of Formation of W/O Nano-Emulsions"	Colloids and Surfaces A	Vol. 249			pp. 115-118	2004
Pugnali	L.A.	R. Ettelaie and E. Dickinson	"Brownian Dynamics Simulation of Adsorbed Layers of Interacting Particles Subjected to Large Extensional Deformation"	Journal of Colloid and Interface Science	Vol. 287			pp. 401-414	2005
Ravera	F.	M. Ferrari and L. Liggieri	"Adsorption and Partitioning of Surfactants in Liquid-Liquid Systems"	Advances in Colloid and Interface Science	Vol. 88			pp. 129-177	2000
Reiffers-Magnani	C.K.	J.L. Cui and H.J. Watzke	"Depletion Flocculation and Thermodynamic Incompatibility in Whey Protein Stabilized O/W Emulsion"	Food Hydrocolloids	Vol. 14			pp. 521-530	2000
Robins	M.M.		"Emulsions - Creaming Phenomena"	Current Opinion in Colloid and Interface Science	Vol. 5			pp. 265-272	2000
Robins	M.M.	A.D. Watson and P.J. Wilde	"Emulsions - Creaming and Rheology"	Current Opinion in Colloid and Interface Science	Vol. 7			pp. 419-425	2002
Rosen	M.J.		"Surfactants and Interfacial Phenomena"	Wiley Interscience			NY		1989
Rousseau	D.		"Fat Crystals and Emulsion Stability"	Food Research International	Vol. 33			pp. 3-14	2000
Saito	R.	S. Mitani and M. Saito	"Structural Effect of Emulsifiers on the Emulsion Stability of a Water/Benzene Mixture"	Journal of Applied Polymer Science	Vol. 91			pp. 321-331	2004
Scamehorn	J.F.	J.H. Harwell	"Precipitation of Surfactant Mixtures"	In Mixed Surfactant Systems Marcel Dekke	Chapter 18		New York	pp. 601-655	2005
Schulz	P.	L. Dalix J.M. Letoffe and Y. Faure	"INSEDEF: Method of Studying Separation in Liquid-Liquid Phase Application to Water-Diesel Fuel Emulsion"	Fuel	Vol. 83			pp. 137-142	2004
Shchukin	E.D.	E.A. Amelina and A.M. Parfenova	"Influence of the Nature of Non-polar Phase on the Mechanical Stability of Absorption Layers of Fluorocarbon and Fluorocarbon Surfactants at the Interface between the Aqueous Solutions and Non-polar Media"	Colloids and Surfaces A Physicochemical and Engineering Aspects	Vol. 176			pp. 35-51	2001
Shen	H.	S. Hartland	"Effect of Interfacial Concentration Gradients of Insoluble Surfactants on Local Film-thinning"	Journal of Colloid and Interface Science	Vol. 167			pp. 94-104	1994
Shields	M.	R. Ellis and B.R. Saunders	"A Creaming Study of Weakly Flocculated and Depletion Flocculated Oil-in-Water Emulsions"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 178 No. 1			pp. 265-276	2001
Shioi	A.	R. Nagaoka and Y. Sugitara	"Desorption of Ionic Surfactants at Liquid/Liquid Interface"	Journal of Chemical Engineering of Japan	Vol. 33 No. 4			pp. 679-683	2000
Shioi	A.	S. Kondo	"Coalescence of Aqueous Droplet with Oil/Water Interface under Spontaneous Interfacial Flow due to Oscillatory Dynamic"	Journal of Chemical Engineering of Japan	Vol. 37			pp. 7-14	2004
Shulepov	S.Yu	S.S. Dukhin and J. Lykema	"A Dynamic Approach to Colloid Particle Interaction"	Journal of Colloid and Interface Science	Vol. 171			pp. 340-350	1995
Simovic	S.	C.A. Prestidge	"Nanoparticles of Varying Hydrophobicity at the Emulsion Droplet-Water Interface: Adsorption and Coalescence Stability"	Langmuir	Vol. 20			pp. 8357-8365	2004
Sjöblom	J.	H. Fardoulis and T. Skodvir	"Flocculation and Coalescence in Emulsions as Studied by Dielectric Spectroscopy"	In Emulsions and Emulsion Stability Marcel Dekke	Chapter 9		NY	pp. 393-435	1996
Söderman	O.	B. Balinov	"NMR Self-Diffusion Studies of Emulsions"	In Emulsions and Emulsion Stability Marcel Dekke	Chapter 8	New York	NY	pp. 269-392	1996
Somasundaran	P.	B. Markovic X. Yu and S. Krishnakuma	"Colloid Systems and Interfaces - Stability of Dispersions through Polymer and Surfactant Adsorption"	In Handbook of Surface and Colloid Chemistry CRC Press	Second Edition Chapter 1	Boca Raton	FL	pp. 387-335	2003

2006 PWSRCAC Excel Salinity/Weathering/Resurfacing Database

Prime Author	Author Initials	Second Author and more	Title	Publication/Publisher	Volume/City	DetailPlace	DetailPlace2	Page (s)	Year
Sterling	M.C.	T. Ojo R.L. Autenrieth J.S. Bonner C.A. Page and A.N.S. Ernest	"Coalescence Kinetics of Dispersed Crude Oil in a Laboratory Reactor"	in Proceedings of the Twenty-fifth Arctic and Marine Oilspill Program Technical Seminar Environment Canada		Ottawa	ON	pp. 741-753	2002
Sterling	M.C.	J.S. Bonner A.N.S. Ernest C.A. Page and R.L. Autenrieth	"Chemical Dispersant Effectiveness Testing: Influence of Droplet Coalescence"	Marine Pollution Bulletin	Vol. 48			pp. 969-977	2004
Tadros	T.		"Emulsion Stability"	in Encyclopedia of Emulsion Technology Marcel Dekke	Vol. 1 Chapter 3		NY	pp. 129-285	1983
Tadros	T.		"Application of Rheology For Assessment and Prediction of the Long-Term Physical Stability of Emulsion"	Advances in Colloid and Interface Science	Vol. 108-109			pp. 227-258	2004
Tadros	T.	A. Vandamme B. Levecke K. Booten and C.V. Stevens	"Stabilization of Emulsions Using Polymeric Surfactants based on Inulin"	Advances in Colloid and Interface Science	Vol. 108-109			pp. 207-226	2004
Tan	C.S.	M.L. Gee and G.W. Stevens	"Optically Profiling a Draining Aqueous Film Confined Between an Oil Droplet and a Solid Surface: Effect of Nonionic Surfactant"	Langmuir	Vol. 19			pp. 7911-7918	2003
Taylor	P.		"Ostwald Ripening in Emulsions"	Advances in Colloid and Interface Science	Vol. 75			pp. 107-163	1998
Thanasukarn	P.	R. Pongsawatmanit and D.J. McClements	"Influence of Emulsifier Type on Freeze-thaw Stability of Hydrogenated Palm Oil-in-water Emulsion"	Food Hydrocolloids	Vol. 18			pp. 1033-1043	2004
Torres	L.G.	E.R. Zamora	"Preparation and Power Consumption of Surfactant-Fuel Oil-Water Emulsions Using Axial Radial and Mixed Flow Impeller"	Fuel	Vol. 81			pp. 2289-2302	2002
Urbina-Villalba	G.		"Effect of Dynamic Surfactant Adsorption on Emulsion Stability"	Langmuir	Vol. 20			pp. 3872-3881	2004
Urbina-Villalba	G.	M. Garcia-Sucre	"Influence of Surfactant Distribution on the Stability of Oil/Water Emulsions towards Flocculation and Coalescence"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 190			pp. 111-116	2001
Urbina-Villalba	G.	J. Toro-Mendoza and M. Garcia-Sucre	"Calculation of Flocculation and Coalescence Rates for Concentrated Dispersions Using Emulsion Stability Simulator"	Langmuir	Vol. 21			pp. 1719-1728	2005
Valkovska	D.S.	K.D. Danov	"Determination of Bulk and Surface Diffusion Coefficients from Experimental Data for Thin Liquid Film Drainage"	Journal of Colloid and Interface Science	Vol. 223 No. 2			pp. 314-316	2000
Van Oss	C.J.		"Repulsive Forces in Aqueous Solubility Miscelle Stability Microemulsion Formation and Phase Separation"	in Encyclopedia of Emulsion Technology Marcel Dekke	Vol. 4 Chapter 4		NY	pp. 265-288	1996
Velarde	M.G.	A.Y. Rednikov and Y.S. Ryazantsev	"Drop Motions and Interfacial Instability"	Journal of the Physics of Condensed Matter	Vol. 8			pp. 9233-9247	1996
Verbich	S.V.	S.S. Dukhin A. Tarovski O. Holt O. Saether and J. Sjöblom	"Evaluation of Stability Ratio in Oil-in-Water Emulsions"	Colloids and Surfaces A Physicochemical and Engineering Aspects	Vol. 123-124			pp. 209-223	1997
Walstra	P.		"Emulsion Stability"	in Encyclopedia of Emulsion Technology Marcel Dekke	Vol. 4 Chapter 1		NY	pp. 1-62	1996
Wasan	D.T.	A.D. Nikolov and F. Aimett	"Texture and Stability of Emulsions and Suspensions: Role of Oscillatory Structural Force"	Advances in Colloid and Interface Science	Vol. 108-109			pp. 187-195	2004
Wiacek	A.E.	E. Chibowski and K. Wilk	"Investigation of Dialkylmethylammonium Bromides as Stabilizers and/or Emulsifiers for O/W Emulsion"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 193			pp. 51-60	2001
Wiacek	A.E.	E. Chibowski and K. Wilk	"Studies of Oil-in-water Emulsion Stability in the Presence of New Dicarboxylic Saccharide-derived Surfactant"	Colloids and Surfaces B Biointerface	Vol. 25			pp. 243-256	2002
Xu	Q.Y.	M. Nakajima and B.P. Binks	"Preparation of Particle-stabilized oil-in-water Emulsions with the Microchannel Emulsification Method"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 262			pp. 94-100	2005
Xu	Z.	J. An L. Zhang S. Zhao and J. Yu	"Thin Liquid Films Containing Crude Oil Fractions with Different Structures - Emulsion Stability"	Journal of Dispersion Science and Technology	Vol. 24			pp. 803-810	2003
Yeo	L.Y.	O.K. Matar E.S. Perez de Ortiz and G.F. Hewitt	"The Dynamics of Marangoni-Drive Local Film Drainage between Two Drops"	Journal of Colloid and Interface Science	Vol. 241			pp. 233-247	2001
Yeo	L.Y.	O.K. Matar E.S. Perez de Ortiz and G.F. Hewitt	"A Description of Phase Inversion in Agitated Liquid-Liquid Dispersions under the Influence of the Marangoni Effect"	Chemical Engineering Science	Vol. 57			pp. 3505-3520	2002
Yeo	L.Y.	O.K. Matar E.S. Perez de Ortiz and G.F. Hewitt	"Film Drainage between Two Surfactant-coated Drops Colliding at Constant Approach Velocity"	Journal of Colloid and Interface Science	Vol. 257			pp. 93-107	2003
Yeo	L.Y.	I.K. Matar	"Hydrodynamic Instability of a Thin Viscous Film between Two Drops"	Journal of Colloid and Interface Science	Vol. 257			pp. 575-579	2003
Yeung	A.	T. Dabros J. Masliyah and J. Czarneck	"Micropipette: A New Technique in Emulsion Research"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 174			pp. 169-181	2000
Yeung	A.	K. Moran J. Masliyah and J. Czarneck	"Shear-Induced Coalescence of Emulsified Oil Drops"	Journal of Colloid and Interface Science	Vol. 265			pp. 439-443	2003
Zaki	N.N.		"Surfactant Stabilized Crude Oil-in-water Emulsions for Pipeline Transportation of Viscous Crude Oil"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 125			pp. 19-25	1997
Zhao	A.	Z. Li W. Qiao and L. Cheng	"Dynamic Interfacial Behaviour between Crude Oil and Octylmethylphenylene Sulphonate Surfactant Flooding System"	Colloids and Surfaces A Physicochemical and Engineering Aspect	Vol. 259			pp. 71-80	2005