

Xianhua Feng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mechanistic Study on Demulsification of Water-in-Diluted Bitumen Emulsions by Ethylcellulose. <i>Langmuir</i> , 2010, 26, 3050-3057.	1.6	114
2	Biodegradable Polymer for Demulsification of Water-in-Bitumen Emulsions. <i>Energy & Fuels</i> , 2009, 23, 451-456.	2.5	96
3	Effect of Hydroxyl Content and Molecular Weight of Biodegradable Ethylcellulose on Demulsification of Water-in-Diluted Bitumen Emulsions. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 6347-6354.	1.8	69
4	Understanding Interfacial Behavior of Ethylcellulose at the Water-Diluted Bitumen Interface. <i>Energy & Fuels</i> , 2012, 26, 1740-1745.	2.5	57
5	Colloidal Complexes from Poly(vinyl amine) and Carboxymethyl Cellulose Mixtures. <i>Langmuir</i> , 2007, 23, 2970-2976.	1.6	55
6	Carboxymethyl Cellulose:Polyvinylamine Complex Hydrogel Swelling. <i>Macromolecules</i> , 2007, 40, 1624-1630.	2.2	55
7	Coexistence of Spheres and Rods in Micellar Solution of Dodecyldimethylamine Oxide. <i>Journal of Physical Chemistry B</i> , 2004, 108, 5980-5988.	1.2	49
8	Mechanical Properties of Polyelectrolyte Complex Films Based on Polyvinylamine and Carboxymethyl Cellulose. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 6665-6671.	1.8	49
9	Influence of Structural Variations of Demulsifiers on their Performance. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 785-793.	1.8	39
10	Adhesion of Colloidal Polyelectrolyte Complexes to Wet Cellulose. <i>Biomacromolecules</i> , 2007, 8, 2161-2166.	2.6	26
11	Polymer aids for settling and filtration of oil sands tailings. <i>Canadian Journal of Chemical Engineering</i> , 2010, 88, 403-410.	0.9	21
12	Understanding the Demulsification of Water-in-Diluted Bitumen Froth Emulsions. <i>Energy & Fuels</i> , 2015, 29, 4616-4623.	2.5	16
13	Understanding Asphaltene Dispersants for Paraffinic Solvent-Based Bitumen Froth Treatment. <i>Energy & Fuels</i> , 2011, 25, 2601-2607.	2.5	9
14	Oil in water characterization by dynamic optical fluid imaging technology. <i>Fuel</i> , 2018, 234, 700-706.	3.4	8
15	Understanding the effect of skim oil recycle on the water/oil separation in steam assisted gravity drainage operations. <i>Journal of Petroleum Science and Engineering</i> , 2020, 192, 107233.	2.1	8
16	Measurement of Equilibrium Binding of Cationic Micelles to a Polyanion by Membrane Filtration. <i>Langmuir</i> , 2002, 18, 2032-2035.	1.6	7