

Jos M Franco

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.

159
papers

3,945
citations

35
h-index

52
g-index

167
ext. papers

4,566
ext. citations

4.6
avg, IF

5.68
L-index

#	Paper	IF	Citations
159	Advances in 3D printing of food and nutritional products. <i>Advances in Food and Nutrition Research</i> , 2022 ,	6	0
158	Lignocellulosic Materials for the Production of Biofuels, Biochemicals and Biomaterials and Applications of Lignocellulose-Based Polyurethanes: A Review.. <i>Polymers</i> , 2022 , 14,	4.5	3
157	Impact of the processing method on the properties of castor oil/cellulose acetate polyurethane adhesives for bonding wood. <i>International Journal of Adhesion and Adhesives</i> , 2022 , 116, 103153	3.4	0
156	Structuring natural deep eutectic solvents with epoxidised lignin-enriched residues: a green alternative to petroleum-based thickened formulations. <i>Journal of Molecular Liquids</i> , 2022 , 119433	6	
155	Lignin-enriched residues from bioethanol production: Chemical characterization, isocyanate functionalization and oil structuring properties. <i>International Journal of Biological Macromolecules</i> , 2021 , 195, 412-412	7.9	2
154	Impact of moisture curing conditions on the chemical structure and rheological and ultimate adhesion properties of polyurethane adhesives based on castor oil and cellulose acetate. <i>Progress in Organic Coatings</i> , 2021 , 161, 106547	4.8	2
153	Electrospun lignin-PVP nanofibers and their ability for structuring oil. <i>International Journal of Biological Macromolecules</i> , 2021 , 180, 212-221	7.9	5
152	Thickening Castor Oil with a Lignin-Enriched Fraction from Sugarcane Bagasse Waste via Epoxidation: A Rheological and Hydrodynamic Approach. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 10503-10512	8.3	3
151	Understanding and optimization of the secondary drying step of a freeze-drying process: a case study. <i>Drying Technology</i> , 2021 , 39, 1003-1017	2.6	5
150	Lignin effect in castor oil-based elastomers: Reaching new limits in rheological and cushioning behaviors. <i>Composites Science and Technology</i> , 2021 , 203, 108602	8.6	10
149	Electrohydrodynamic Processing of PVP-Doped Kraft Lignin Micro- and Nano-Structures and Application of Electrospun Nanofiber Templates to Produce Oleogels. <i>Polymers</i> , 2021 , 13,	4.5	1
148	Toward UV-Triggered Curing of Solvent-Free Polyurethane Adhesives Based on Castor Oil. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 11032-11040	8.3	3
147	Rheology and adhesion performance of adhesives formulated with lignins from agricultural waste straws subjected to solid-state fermentation. <i>Industrial Crops and Products</i> , 2021 , 171, 113876	5.9	5
146	Implementation of a novel continuous solid/liquid mixing accessory for 3D printing of dysphagia-oriented thickened fluids. <i>Food Hydrocolloids</i> , 2021 , 120, 106900	10.6	3
145	Cellulose Pulp- and Castor Oil-Based Polyurethanes for Lubricating Applications: Influence of Action on Barley and Wheat Straws. <i>Polymers</i> , 2020 , 12,	4.5	5
144	Tribological study of epoxide-functionalized alkali lignin-based gel-like biogreases. <i>Tribology International</i> , 2020 , 146, 106231	4.9	5
143	Tribological Investigation on the Friction and Wear Behaviors of Biogenic Lubricating Greases in SteelSteel Contact. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1477	2.6	4

142	A Review of the Sustainable Approaches in the Production of Bio-based Polyurethanes and Their Applications in the Adhesive Field. <i>Journal of Polymers and the Environment</i> , 2020 , 28, 749-774	4.5	39
141	Use of a temperature ramp approach (TRA) to design an optimum and robust freeze-drying process for pharmaceutical formulations. <i>International Journal of Pharmaceutics</i> , 2020 , 578, 119116	6.5	6
140	Freeze-drying: A relevant unit operation in the manufacture of foods, nutritional products, and pharmaceuticals. <i>Advances in Food and Nutrition Research</i> , 2020 , 93, 1-58	6	7
139	Tunable rheological-tribological performance of green gel-like dispersions based on sepiolite and castor oil for lubricant applications. <i>Applied Clay Science</i> , 2020 , 192, 105632	5.2	7
138	Green approach for the activation and functionalization of jute fibers through ball milling. <i>Cellulose</i> , 2020 , 27, 643-656	5.5	11
137	An Experimental-Based Approach to Construct the Process Design Space of a Freeze-Drying Process: An Effective Tool to Design an Optimum and Robust Freeze-Drying Process for Pharmaceuticals. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 785-796	3.9	9
136	On the shear-induced structural degradation of lubricating greases and associated activation energy: An experimental rheological study. <i>Tribology International</i> , 2020 , 144, 106105	4.9	4
135	Evaluation of lignin-enriched side-streams from different biomass conversion processes as thickeners in bio-lubricant formulations. <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 1398-1413	7.9	15
134	Green and facile procedure for the preparation of liquid and gel-like polyurethanes based on castor oil and lignin: Effect of processing conditions on the rheological properties. <i>Journal of Cleaner Production</i> , 2020 , 277, 123367	10.3	5
133	Formulation variables influencing the properties and physical stability of green multiple emulsions stabilized with a copolymer. <i>Colloid and Polymer Science</i> , 2019 , 297, 1095-1104	2.4	2
132	Development and Characterization of Novel Fibers Based on Potato Protein/Polyethylene Oxide Through Electrospinning. <i>Fibers and Polymers</i> , 2019 , 20, 1586-1593	2	5
131	Thermo-rheological and tribological properties of novel bio-lubricating greases thickened with epoxidized lignocellulosic materials. <i>Journal of Industrial and Engineering Chemistry</i> , 2019 , 80, 626-632	6.3	13
130	The Importance of Understanding the Freezing Step and Its Impact on Freeze-Drying Process Performance. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 1378-1395	3.9	55
129	On the Steady-State Flow and Yielding Behaviour of Lubricating Greases. <i>Fluids</i> , 2019 , 4, 6	1.6	6
128	3D printing in situ gelification of carrageenan solutions: Effect of printing variables on the rheological response. <i>Food Hydrocolloids</i> , 2019 , 87, 321-330	10.6	47
127	Influence of solid-state fermentation with <i>Streptomyces</i> on the ability of wheat and barley straws to thicken castor oil for lubricating purposes. <i>Industrial Crops and Products</i> , 2019 , 140, 111625	5.9	9
126	Synthesis and mechanical properties of bio-sourced polyurethane adhesives obtained from castor oil and MDI-modified cellulose acetate: Influence of cellulose acetate modification. <i>International Journal of Adhesion and Adhesives</i> , 2019 , 95, 102404	3.4	29
125	Phosphogypsum waste lime as a promising substitute of commercial limes: A rheological approach. <i>Cement and Concrete Composites</i> , 2019 , 95, 205-216	8.6	17

124	The combined effect of H ₂ O ₂ and light emitting diodes (LED) process assisted by TiO ₂ on the photooxidation behaviour of PLA. <i>Polymer Testing</i> , 2019 , 73, 268-275	4.5	4
123	Effect of an alkali treatment on the development of cellulose pulp-based gel-like dispersions in vegetable oil for use as lubricants. <i>Tribology International</i> , 2018 , 123, 329-336	4.9	9
122	Valorization of Soda Lignin from Wheat Straw Solid-State Fermentation: Production of Oleogels. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 5198-5205	8.3	20
121	Molecular insights into the mechanisms of humidity-induced changes on the bulk performance of model castor oil derived polyurethane adhesives. <i>European Polymer Journal</i> , 2018 , 101, 291-303	5.2	14
120	Assessing the rheological properties and adhesion performance on different substrates of a novel green polyurethane based on castor oil and cellulose acetate: A comparison with commercial adhesives. <i>International Journal of Adhesion and Adhesives</i> , 2018 , 82, 21-26	3.4	22
119	Unexpected Selectivity in the Functionalization of Neat Castor Oil under Benign Catalyst-Free Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 7212-7215	8.3	4
118	Tribological and Rheological Characterization of New Completely Biogenic Lubricating Greases: A Comparative Experimental Investigation. <i>Lubricants</i> , 2018 , 6, 45	3.1	5
117	Modification of Alkali Lignin with Poly(Ethylene Glycol) Diglycidyl Ether to Be Used as a Thickener in Bio-Lubricant Formulations. <i>Polymers</i> , 2018 , 10,	4.5	17
116	Rheology of epoxidized cellulose pulp gel-like dispersions in castor oil: Influence of epoxidation degree and the epoxide chemical structure. <i>Carbohydrate Polymers</i> , 2018 , 199, 563-571	10.3	11
115	Structure-property relationships in solvent free adhesives derived from castor oil. <i>Industrial Crops and Products</i> , 2018 , 121, 90-98	5.9	16
114	Projectable tannin foams by mechanical and chemical expansion. <i>Industrial Crops and Products</i> , 2018 , 120, 90-96	5.9	10
113	Valorization of Kraft Lignin as Thickener in Castor Oil for Lubricant Applications. <i>Journal of Renewable Materials</i> , 2018 , 6, 347-361	2.4	16
112	Rheology of lignin-based chemical oleogels prepared using diisocyanate crosslinkers: Effect of the diisocyanate and curing kinetics. <i>European Polymer Journal</i> , 2017 , 89, 311-323	5.2	27
111	Optimization of Green Multiple Emulsions Processing to Improve Their Physical Stability. <i>Chemical Engineering and Technology</i> , 2017 , 40, 1043-1050	2	
110	Influence of epoxidation conditions on the rheological properties of gel-like dispersions of epoxidized kraft lignin in castor oil. <i>Holzforschung</i> , 2017 , 71, 777-784	2	13
109	Preparation, Characterization and Mechanical Properties of Bio-Based Polyurethane Adhesives from Isocyanate-Functionalized Cellulose Acetate and Castor Oil for Bonding Wood. <i>Polymers</i> , 2017 , 9,	4.5	40
108	Influence of Processing on the Physical Stability of Multiple Emulsions Containing a Green Solvent. <i>Chemical Engineering and Technology</i> , 2016 , 39, 1137-1143	2	5
107	AFM and SEM Assessment of Lubricating Grease Microstructures: Influence of Sample Preparation Protocol, Frictional Working Conditions and Composition. <i>Tribology Letters</i> , 2016 , 63, 1	2.8	21

106	Tribological behaviour of novel chemically modified biopolymer-thickened lubricating greases investigated in a steel-steel rotating ball-on-three plates tribology cell. <i>Tribology International</i> , 2016 , 94, 652-660	4.9	28
105	Rheological properties of oil-in-water emulsions prepared with oil and protein isolates from sesame (<i>Sesamum Indicum</i>). <i>Food Science and Technology</i> , 2016 , 36, 64-69	2	22
104	Rotational tumbling of <i>Escherichia coli</i> aggregates under shear. <i>Physical Review E</i> , 2016 , 94, 062402	2.4	6
103	Impact of natural sources-derived antioxidants on the oxidative stability and rheological properties of castor oil based-lubricating greases. <i>Industrial Crops and Products</i> , 2016 , 87, 297-303	5.9	8
102	Gel-Like Dispersions of HMDI-Cross-Linked Lignocellulosic Materials in Castor Oil: Toward Completely Renewable Lubricating Grease Formulations. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 2130-2141	8.3	37
101	Rheological and TGA study of acylated chitosan gel-like dispersions in castor oil: Influence of acyl substituent and acylation protocol. <i>Chemical Engineering Research and Design</i> , 2015 , 100, 170-178	5.5	14
100	Formulation and characterization of oleogels based on high-oleic sunflower oil and ethylene vinyl acetate copolymer/polypropylene blends. <i>Polymer Engineering and Science</i> , 2015 , 55, 1429-1440	2.3	
99	Influence of Base Oil Polarity on the Transient Shear Flow of Biodegradable Lubricating Greases. <i>Lubricants</i> , 2015 , 3, 611-627	3.1	4
98	PHYSICO-CHEMICAL AND BROMATOLOGICAL CHARACTERISTICS OF ARENCA AND RHEOLOGICAL PROPERTIES OF OIL-IN-WATER EMULSIONS CONTAINING ISOLATED PROTEIN. <i>Ciencia E Agrotecnologia</i> , 2015 , 39, 634-641	1.6	6
97	Influence of polymer reprocessing cycles on the microstructure and rheological behavior of polypropylene/mineral oil oleogels. <i>Polymer Testing</i> , 2015 , 45, 12-19	4.5	14
96	Thickening properties of several NCO-functionalized cellulose derivatives in castor oil. <i>Chemical Engineering Science</i> , 2015 , 134, 260-268	4.4	35
95	Composition-property relationship of gel-like dispersions based on organo-bentonite, recycled polypropylene and mineral oil for lubricant purposes. <i>Applied Clay Science</i> , 2014 , 87, 265-271	5.2	12
94	Formulation of lubricating greases from renewable basestocks and thickener agents: A rheological approach. <i>Industrial Crops and Products</i> , 2014 , 54, 115-121	5.9	23
93	Rheological and Tribological Characterization of a New Acylated Chitosan-Based Biodegradable Lubricating Grease: A Comparative Study with Traditional Lithium and Calcium Greases. <i>Tribology Transactions</i> , 2014 , 57, 445-454	1.8	23
92	The use of rosemary extracts in vegetable oil-based lubricants. <i>Industrial Crops and Products</i> , 2014 , 62, 474-480	5.9	15
91	Influence of Functionalization Degree on the Rheological Properties of Isocyanate-Functionalized Chitin- and Chitosan-Based Chemical Oleogels for Lubricant Applications. <i>Polymers</i> , 2014 , 6, 1929-1947	4.5	19
90	Rheology of Commercial and Model Boroj-Jam Formulations. <i>International Journal of Food Properties</i> , 2014 , 17, 791-805	3	13
89	Physical characterization of multiple emulsions formulated with a green solvent and different HLB block copolymers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 458, 40-47	5.1	10

88	Ethylene-vinyl acetate copolymer (EVA)/sunflower vegetable oil polymer gels: Influence of vinyl acetate content. <i>Polymer Testing</i> , 2014 , 37, 78-85	4.5	18
87	Design of lubricating grease formulations using recycled polypropylene from postconsumer films as thickener agent. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 1369-1376	2.9	9
86	Viscosity modification of high-oleic sunflower and castor oils with acid oils-derived estolides for lubricant applications. <i>European Journal of Lipid Science and Technology</i> , 2013 , 115, n/a-n/a	3	16
85	Linear viscoelastic behaviour of oil-in-water food emulsions stabilised by tuna-protein isolates. <i>Food Science and Technology International</i> , 2013 , 19, 3-10	2.6	2
84	Rheology and thermal degradation of isocyanate-functionalized methyl cellulose-based oleogels. <i>Carbohydrate Polymers</i> , 2013 , 98, 152-60	10.3	34
83	Viscous, thermal and tribological characterization of oleic and ricinoleic acids-derived estolides and their blends with vegetable oils. <i>Journal of Industrial and Engineering Chemistry</i> , 2013 , 19, 1289-1298	6.3	35
82	Comparison of microalgal biomass profiles as novel functional ingredient for food products. <i>Algal Research</i> , 2013 , 2, 164-173	5	235
81	Effect of amorphous/recycled polypropylene ratio on thermo-mechanical properties of blends for lubricant applications. <i>Polymer Testing</i> , 2013 , 32, 516-524	4.5	18
80	Formulation and processing of virgin and recycled polyolefin/oil blends for the development of lubricating greases. <i>Journal of Industrial and Engineering Chemistry</i> , 2013 , 19, 580-588	6.3	15
79	Chemical modification of methyl cellulose with HMDI to modulate the thickening properties in castor oil. <i>Cellulose</i> , 2013 , 20, 495-507	5.5	27
78	Influence of oil polarity and material combination on the tribological response of greases formulated with biodegradable oils and bentonite and highly dispersed silica acid. <i>Lubrication Science</i> , 2013 , 25, 397-412	1.3	5
77	The effect of recycled polymer addition on the thermorheological behavior of modified lubricating greases. <i>Polymer Engineering and Science</i> , 2013 , 53, 818-826	2.3	6
76	Chemical, thermal and viscous characterization of high-oleic sunflower and olive pomace acid oils and derived estolides. <i>Grasas Y Aceites</i> , 2013 , 64, 497-508	1.3	14
75	Isocyanate-functionalized chitin and chitosan as gelling agents of castor oil. <i>Molecules</i> , 2013 , 18, 6532-49.8	4.8	28
74	Rheology of new green lubricating grease formulations containing cellulose pulp and its methylated derivative as thickener agents. <i>Industrial Crops and Products</i> , 2012 , 37, 500-507	5.9	50
73	Low-temperature flow behaviour of vegetable oil-based lubricants. <i>Industrial Crops and Products</i> , 2012 , 37, 383-388	5.9	71
72	Novel foods with microalgal ingredients [Effect of gel setting conditions on the linear viscoelasticity of Spirulina and Haematococcus gels. <i>Journal of Food Engineering</i> , 2012 , 110, 182-189	6	44
71	Evaluation of Thermal and Rheological Properties of Lubricating Greases Modified with Recycled LDPE. <i>Tribology Transactions</i> , 2012 , 55, 518-528	1.8	16

70	Influence of Eucalyptus globulus Kraft Pulping Severity on the Rheological Properties of Gel-like Cellulose Pulp Dispersions in Castor Oil. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 9777-9782	3.9	17
69	Influence of some processing variables on the rheological properties of lithium lubricating greases modified with recycled polymers. <i>International Journal of Materials and Product Technology</i> , 2012 , 43, 184	1	4
68	Synthesis and characterization of isocyanate-functionalized PVA-based polymers with applications as new additives in lubricant formulations. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 3259-3267	2.9	10
67	Droplet-size distribution and stability of commercial injectable lipid emulsions containing fish oil. <i>American Journal of Health-System Pharmacy</i> , 2012 , 69, 1332-5	2.2	5
66	Natural and synthetic antioxidant additives for improving the performance of new biolubricant formulations. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 12917-24	5.7	50
65	Preparation and Characterization of Gel-like Dispersions Based on Cellulosic Pulps and Castor Oil for Lubricant Applications. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 5618-5627	3.9	24
64	Rheology of oleogels based on sorbitan and glyceryl monostearates and vegetable oils for lubricating applications. <i>Grasas Y Aceites</i> , 2011 , 62, 328-336	1.3	20
63	Rheological and mechanical properties of oleogels based on castor oil and cellulosic derivatives potentially applicable as bio-lubricating greases: Influence of cellulosic derivatives concentration ratio. <i>Journal of Industrial and Engineering Chemistry</i> , 2011 , 17, 705-711	6.3	26
62	Formulation of new biodegradable lubricating greases using ethylated cellulose pulp as thickener agent. <i>Journal of Industrial and Engineering Chemistry</i> , 2011 , 17, 818-823	6.3	31
61	Evaluation of different polyolefins as rheology modifier additives in lubricating grease formulations. <i>Materials Chemistry and Physics</i> , 2011 , 128, 530-538	4.4	28
60	Linear and non-linear viscoelasticity of puddings for nutritional management of dysphagia. <i>Food Hydrocolloids</i> , 2011 , 25, 586-593	10.6	45
59	Microalgae biomass interaction in biopolymer gelled systems. <i>Food Hydrocolloids</i> , 2011 , 25, 817-825	10.6	29
58	Atomic Force Microscopy and Thermo-Rheological Characterisation of Lubricating Greases. <i>Tribology Letters</i> , 2011 , 41, 463-470	2.8	64
57	Tribological Properties of Greases Based on Biogenic Base Oils and Traditional Thickeners in Sapphire-Steel Contact. <i>Tribology Letters</i> , 2011 , 44, 293-304	2.8	4
56	Thermal and mechanical characterization of cellulosic derivatives-based oleogels potentially applicable as bio-lubricating greases: Influence of ethyl cellulose molecular weight. <i>Carbohydrate Polymers</i> , 2011 , 83, 151-158	10.3	67
55	Use of chitin, chitosan and acylated derivatives as thickener agents of vegetable oils for bio-lubricant applications. <i>Carbohydrate Polymers</i> , 2011 , 85, 705-714	10.3	68
54	Tribological characterization of green lubricating greases formulated with castor oil and different biogenic thickener agents: a comparative experimental study. <i>Industrial Lubrication and Tribology</i> , 2011 , 63, 446-452	1.3	16
53	Emulsiones alimentarias aceite-en-agua estabilizadas con proteínas de atún. <i>Grasas Y Aceites</i> , 2010 , 61, 352-360	1.3	6

52	Oleins as a source of estolides for biolubricant applications. <i>Grasas Y Aceites</i> , 2010 , 61, 171-174	1.3	27
51	Viscosity modification of different vegetable oils with EVA copolymer for lubricant applications. <i>Industrial Crops and Products</i> , 2010 , 32, 607-612	5.9	124
50	Droplet-size distribution and stability of lipid injectable emulsions. <i>American Journal of Health-System Pharmacy</i> , 2009 , 66, 162-6	2.2	11
49	Influence of soap/polymer concentration ratio on the rheological properties of lithium lubricating greases modified with virgin LDPE. <i>Journal of Industrial and Engineering Chemistry</i> , 2009 , 15, 687-693	6.3	26
48	Transient shear flow of model lithium lubricating greases. <i>Mechanics of Time-Dependent Materials</i> , 2009 , 13, 63-80	1.2	17
47	Viscosity modification of high-oleic sunflower oil with polymeric additives for the design of new biolubricant formulations. <i>Environmental Science & Technology</i> , 2009 , 43, 2060-5	10.3	65
46	Development of new green lubricating grease formulations based on cellulosic derivatives and castor oil. <i>Green Chemistry</i> , 2009 , 11, 686	10	69
45	Optimization of the Methylation Conditions of Kraft Cellulose Pulp for Its Use As a Thickener Agent in Biodegradable Lubricating Greases. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 6765-6771	3.9	22
44	Rheological Modification of Lubricating Greases with Recycled Polymers from Different Plastics Waste. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 4136-4144	3.9	29
43	Effect of rheological behaviour of lithium greases on the friction process. <i>Industrial Lubrication and Tribology</i> , 2008 , 60, 37-45	1.3	23
42	Recycled and virgin LDPE as rheology modifiers of lithium lubricating greases: A comparative study. <i>Polymer Engineering and Science</i> , 2008 , 48, 1112-1119	2.3	14
41	Influence of molecular weight and free NCO content on the rheological properties of lithium lubricating greases modified with NCO-terminated prepolymers. <i>European Polymer Journal</i> , 2008 , 44, 2262-2274	5.2	19
40	Rheology and microstructure of lithium lubricating greases modified with a reactive diisocyanate-terminated polymer: Influence of polymer addition protocol. <i>Chemical Engineering and Processing: Process Intensification</i> , 2008 , 47, 528-538	3.7	14
39	Effect of thermo-mechanical processing on the rheology of oleogels potentially applicable as biodegradable lubricating greases. <i>Chemical Engineering Research and Design</i> , 2008 , 86, 1073-1082	5.5	33
38	A novel viscosity reducer for kraft process black liquors with a high dry solids content. <i>Chemical Engineering and Processing: Process Intensification</i> , 2007 , 46, 193-197	3.7	10
37	Development of new lubricating grease formulations using recycled LDPE as rheology modifier additive. <i>European Polymer Journal</i> , 2007 , 43, 139-149	5.2	48
36	Effect of salt content on the rheological properties of salad dressing-type emulsions stabilized by emulsifier blends. <i>Journal of Food Engineering</i> , 2007 , 80, 1272-1281	6	28
35	Colored Food Emulsions Implications of Pigment Addition on the Rheological Behavior and Microstructure. <i>Food Biophysics</i> , 2006 , 1, 216-227	3.2	22

34	Influence of Soap Concentration and Oil Viscosity on the Rheology and Microstructure of Lubricating Greases. <i>Industrial & Engineering Chemistry Research</i> , 2006 , 45, 1902-1910	3.9	86
33	Use of Reactive Diisocyanate-Terminated Polymers as Rheology Modifiers of Lubricating Greases. <i>Industrial & Engineering Chemistry Research</i> , 2006 , 45, 4001-4010	3.9	17
32	On the drag reduction for the two-phase horizontal pipe flow of highly viscous non-Newtonian liquid/air mixtures: Case of lubricating grease. <i>International Journal of Multiphase Flow</i> , 2006 , 32, 232-247	3.6	18
31	Evaluation of wall slip effects in the lubricating grease/air two-phase flow along pipelines. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2006 , 139, 190-196	2.7	6
30	Thermorheological behaviour of a lithium lubricating grease. <i>Tribology Letters</i> , 2006 , 23, 47-54	2.8	73
29	Experimental study of grease flow in pipelines: wall slip and air entrainment effects. <i>Chemical Engineering and Processing: Process Intensification</i> , 2005 , 44, 805-817	3.7	31
28	Relationship Among Microstructure, Rheology and Processing of a Lithium Lubricating Grease. <i>Chemical Engineering Research and Design</i> , 2005 , 83, 1085-1092	5.5	70
27	Rheological characterisation of salad-dressing-type emulsions stabilised by egg yolk/sucrose distearate blends. <i>European Food Research and Technology</i> , 2005 , 220, 380-388	3.4	14
26	Mixing rheometry for studying the manufacture of lubricating greases. <i>Chemical Engineering Science</i> , 2005 , 60, 2409-2418	4.4	62
25	Enhancement of gel strength by application of thermal treatments in highly flocculated emulsions. <i>Food Hydrocolloids</i> , 2003 , 17, 199-206	10.6	17
24	Optimization of the composition of low-fat oil-in-water emulsions stabilized by white lupin protein. <i>JAACS, Journal of the American Oil Chemists Society</i> , 2002 , 79, 783-790	1.8	41
23	Rheological properties of cholesterol-reduced, yolk-stabilized mayonnaise. <i>JAACS, Journal of the American Oil Chemists Society</i> , 2002 , 79, 837-843	1.8	21
22	Linear viscoelasticity of tomato sauce products: influence of previous tomato paste processing. <i>European Food Research and Technology</i> , 2002 , 214, 394-399	3.4	22
21	Rheology of spray-dried egg yolk-stabilized emulsions. <i>International Journal of Food Science and Technology</i> , 2002 , 37, 297-307	3.8	30
20	LINEAR AND NONLINEAR VISCOELASTIC BEHAVIOR OF OIL-IN-WATER EMULSIONS STABILIZED WITH POLYSACCHARIDES. <i>Journal of Texture Studies</i> , 2002 , 33, 215-236	3.6	42
19	Wall Slip Phenomena in Oil-in-Water Emulsions: Effect of Some Structural Parameters. <i>Journal of Colloid and Interface Science</i> , 2001 , 241, 226-232	9.3	28
18	Linear Viscoelasticity of Concentrated Polyethylene Glycol tert-Octylphenyl Ether Solutions. <i>Journal of Dispersion Science and Technology</i> , 2001 , 22, 409-420	1.5	4
17	Influence of the Geometry on the Transient and Steady Flow of Lubricating Greases. <i>Tribology Transactions</i> , 2001 , 44, 53-58	1.8	43

16	Influence of pH and protei thermal treatment on the rheology of pea protein-stabilized oil-in-water emulsions. <i>JAACS, Journal of the American Oil Chemistsl Society</i> , 2000 , 77, 975-984	1.8	43
15	Modeling of the Non-Linear Rheological Behavior of a Lubricating Grease at Low-Shear Rates. <i>Journal of Tribology</i> , 2000 , 122, 590-596	1.8	40
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