Claudia R E Mansur

List of Publications by Year
in descending order

103 papers	1,948 citations	257101 24 h-index	344852 36 g-index
103 all docs	103 docs citations	103 times ranked	1983 citing authors

#	Article	IF	Citations
1	Polymer science applied to petroleum production. Pure and Applied Chemistry, 2009, 81, 473-494.	0.9	103
2	Determination of Asphaltene Particle Size: Influence of Flocculant, Additive, and Temperature. Energy & Fuels, 2012, 26, 4988-4994.	2.5	69
3	PLURONIC Ã— TETRONIC polyols: study of their properties and performance in the destabilization of emulsions formed in the petroleum industry. Journal of Colloid and Interface Science, 2004, 271, 232-240.	5.0	60
4	Development and characterization of promising o/w nanoemulsions containing sweet fennel essential oil and non-ionic sufactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 480, 214-221.	2.3	57
5	Formulation characterization and in vitro drug release of hydrogel-thickened nanoemulsions for topical delivery of 8-methoxypsoralen. Materials Science and Engineering C, 2018, 92, 245-253.	3.8	57
6	Hydrogel-thickened nanoemulsions based on essential oils for topical delivery of psoralen: Permeation and stability studies. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 116, 38-50.	2.0	53
7	Lipid nanoparticles (SLN & NLC) for delivery of vitamin E: a comprehensive review. International Journal of Cosmetic Science, 2018, 40, 103-116.	1.2	52
8	The Effect of Asphaltenes, Naphthenic Acids, and Polymeric Inhibitors on the Pour Point of Paraffins Solutions. Journal of Dispersion Science and Technology, 2007, 28, 349-356.	1.3	48
9	Nanoemulsions as Delivery Systems for Lipophilic Drugs. Journal of Nanoscience and Nanotechnology, 2012, 12, 2881-2890.	0.9	48
10	Prospective acid microemulsions development for matrix acidizing petroleum reservoirs. Fuel, 2019, 238, 75-85.	3.4	47
11	Polycardanol or Sulfonated Polystyrene as Flocculants for Asphaltene Dispersions. Energy & Fuels, 2010, 24, 2369-2375.	2.5	43
12	Destabilization of Petroleum Emulsions: Evaluation of the Influence of the Solvent on Additives. Energy & Fuels, 2011, 25, 1659-1666.	2.5	37
13	Chitosan microspheres applied for removal of oil from produced water in the oil industry. Polimeros, 2013, 23, 705-711.	0.2	36
14	Development of a photoprotective and antioxidant nanoemulsion containing chitosan as an agent for improving skin retention. Engineering in Life Sciences, 2015, 15, 593-604.	2.0	36
15	Hydrolysis and thermal stability of partially hydrolyzed polyacrylamide in highâ€salinity environments. Journal of Applied Polymer Science, 2019, 136, 47793.	1.3	36
16	Separation and characterization of asphaltenic subfractions. Quimica Nova, 2012, 35, 1991-1994.	0.3	34
17	Study of the interaction between asphaltenes and resins by microcalorimetry and ultravioletâ€“visible spectroscopy. Fuel, 2015, 140, 462-469.	3.4	33
18	Dual alginate-lipid nanocarriers as oral delivery systems for amphotericin B. Colloids and Surfaces B: Biointerfaces, 2018, 166, 187-194.	2.5	33

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19	Evaluation of the efficiency of polyethylenimine as flocculants in the removal of oil present in produced water. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 558, 200-210.	2.3	32
20	Polymer-based Drug Delivery Systems Applied to Insects Repellents Devices: A Review. Current Drug Delivery, 2016, 13, 221-235.	0.8	32
21	Phase behavior of aqueous systems containing block copolymers of poly(ethylene oxide) and poly(propylene oxide). Journal of Applied Polymer Science, 1997, 66, 1767-1772.	1.3	27
22	The influence of a hydrotropic agent in the properties of aqueous solutions containing poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Aspects, 1999, 149, 291-300.	2.3	27
23	A model system to assess the phase behavior of asphaltenes in crude oil. Fuel, 2013, 113, 318-322.	3.4	27
24	Synthesis of Hydrogel Nanocomposites Based on Partially Hydrolyzed Polyacrylamide, Polyethyleneimine, and Modified Clay. ACS Omega, 2020, 5, 4759-4769.	1.6	26
25	Microcalorimetry as a New Technique for Experimental Study of Solubility Parameters of Crude Oil and Asphaltenes. Energy & Fuels, 2014, 28, 409-416.	2.5	25
26	Determination of oil-in-water using nanoemulsions as solvents and UV visible and total organic carbon detection methods. Talanta, 2013, 107, 304-311.	2.9	24
27	Development and characterization of micellar systems for application as insect repellents. International Journal of Pharmaceutics, 2013, 454, 633-640.	2.6	24
28	Behavior of mixtures of nonionic polyoxide-based surfactants and their application in the destabilization of oil emulsions. Journal of Applied Polymer Science, 2007, 106, 2947-2954.	1.3	23
29	A study of asphaltene-resin interactions. Journal of the Brazilian Chemical Society, 2012, 23, 1880-1888.	0.6	23
30	Characterization and Evaluation of Poly(Îµ-caprolactone) Nanoparticles Containing 2-Ethylhexyl-p-Methoxycinnamate, Octocrylene, and Benzophenone-3 in Anti-Solar Preparations. Journal of Nanoscience and Nanotechnology, 2012, 12, 7155-7166.	0.9	22
31	Development and evaluation of oil in water nanoemulsions based on polyether silicone as demulsifier and antifoam agents for petroleum. Journal of Applied Polymer Science, 2014, 131, .	1.3	22
32	Interfacial rheology of asphaltene emulsions in the presence of nanoemulsions based on a polyoxide surfactant and asphaltene dispersant. Fuel, 2017, 193, 220-229.	3.4	22
33	Synthesis of Additives Based on Polyethylenimine Modified with Non-ionic Surfactants for Application in Phase Separation of Water-in-Oil Emulsions. Energy & Fuels, 2017, 31, 10612-10619.	2.5	21
34	A comprehensive review of in situ polymer hydrogels for conformance control of oil reservoirs. Oil and Gas Science and Technology, 2020, 75, 8.	1.4	21
35	Niosomes as Nano-Delivery Systems in the Pharmaceutical Field. Critical Reviews in Therapeutic Drug Carrier Systems, 2016, 33, 195-212.	1.2	20
36	Influence of polymer structure on the gelation kinetics and gel strength of acrylamideâ€based copolymers, bentonite and polyethylenimine systems for conformance control of oil reservoirs. Journal of Applied Polymer Science, 2019, 136, 47556.	1.3	20

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37	Formation of orange oil-in-water nanoemullsions using nonionic surfactant mixtures by high pressure homogenizer. Colloid Journal, 2010, 72, 396-402.	0.5	19
38	Evaluation of the efficiency of polyether-based antifoams for crude oil. Journal of Petroleum Science and Engineering, 2011, 76, 172-177.	2.1	19
39	Determination of the Onset of Asphaltene Precipitation by Visible Ultraviolet Spectrometry and Spectrofluorimetry. Analytical Letters, 2009, 42, 2648-2664.	1.0	18
40	Evaluation of process conditions and characterization of particle size and stability of oil-in-water nanoemulsions. Colloid Journal, 2010, 72, 56-65.	0.5	17
41	Behavior of aqueous solutions of poly(ethylene oxide-b-propylene oxide) copolymers containing a hydrotropic agent. Journal of Applied Polymer Science, 1998, 69, 2459-2468.	1.3	16
42	Linear and branched polyoxide-based copolymers: Methods to determine the CMC. Journal of Applied Polymer Science, 2009, 113, 392-399.	1.3	16
43	The influence of asphaltenes subfractions on the stability of crude oil model emulsions. Journal of the Brazilian Chemical Society, 2012, 23, 2204-2210.	0.6	16
44	Development of microemulsions to reduce the viscocity of crude oil emulsions. Fuel, 2017, 210, 684-694.	3.4	16
45	Gelation Kinetics of Hydrogels Based on Acrylamideâ€“AMPSâ€“NVP Terpolymer, Bentonite, and Polyethylenimine for Conformance Control of Oil Reservoirs. Gels, 2019, 5, 7.	2.1	16
46	Viscoelastic behavior of <scp>hydrogelâ€based</scp> xanthan gum/aluminum lactate with potential applicability for conformance control. Journal of Applied Polymer Science, 2021, 138, 50640.	1.3	16
47	Influence of the Hydrotrope Structure on the Physical Chemical Properties of Polyoxide Aqueous Solutions. Langmuir, 2005, 21, 2696-2703.	1.6	15
48	NanoemulsÃµes Ã³leo de laranja/Ã¡gua preparadas em homogeneizador de alta pressÃ£o. Quimica Nova, 2010, 33, 295-300.	0.3	15
49	Evaluation of the efficiency of silicone polyether additives as antifoams in crude oil. Journal of Applied Polymer Science, 2012, 124, 4149-4156.	1.3	15
50	Nanoemulsions containing octyl methoxycinnamate and solid particles of TiO₂: preparation, characterization andin vitroevaluation of the solar protection factor. Drug Development and Industrial Pharmacy, 2013, 39, 1378-1388.	0.9	15
51	Development and application of a passion fruit seed oil microemulsion as corrosion inhibitor of P110 carbon steel in CO2-saturated brine. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 599, 124934.	2.3	15
52	Development and In Vitro Assessment of Nanoemulsion for Delivery of Ketoconazole Against Candida albicans. Journal of Nanoscience and Nanotechnology, 2017, 17, 4623-4630.	0.9	14
53	Graphene quantum dots nanoparticles changed the rheological properties of hydrophilic gels (carbopol). Journal of Molecular Liquids, 2019, 287, 110949.	2.3	14
54	Regeneration of spent polymer resins in oily water treatment systems by application of nanoemulsion. Journal of Applied Polymer Science, 2015, 132, .	1.3	13

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55	Behavior of partially hydrolyzed polyacrylamide/polyethyleneimine reinforced with coal fly ash for preformed particle hydrogels. Journal of Applied Polymer Science, 2020, 137, 49423.	1.3	13
56	Oil/Water Nanoemulsions: Activity at the Waterâ€“Oil Interface and Evaluation on Asphaltene Aggregates. Energy & Fuels, 2015, 29, 7855-7865.	2.5	12
57	Comparingin vivobiodistribution with radiolabeling and Franz cell permeation assay to validate the efficacy of both methodologies in the evaluation of nanoemulsions: a safety approach. Nanotechnology, 2016, 27, 015101.	1.3	12
58	Flocculation of Asphaltenes by Polymers: Influence of Polymer Solubility Conditions. Energy & Fuels, 2018, 32, 1087-1095.	2.5	12
59	Size and Vitamin E Release of Nanostructured Lipid Carriers with Different Liquid Lipids, Surfactants and Preparation Methods. Macromolecular Symposia, 2019, 383, 1800011.	0.4	12
60	Preformed particle gels with potential applicability for conformance control of oil reservoirs. Journal of Applied Polymer Science, 2020, 137, 48554.	1.3	12
61	Calorimetry and thermogravimetry as tools for the assessment of the thermal stability of polyoxide-based nonionic surfactants. Polymer Degradation and Stability, 2003, 80, 579-587.	2.7	11
62	Evaluation of nanoemulsions in the cleaning of polymeric resins. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 415, 112-118.	2.3	11
63	Evaluation of the application of cashew gum as an excipient to produce tablets. Polimeros, 2018, 28, 302-308.	0.2	11
64	Nanovesicle-based formulations for photoprotection: a safety and efficacy approach. Nanotechnology, 2019, 30, 345102.	1.3	11
65	Development, characterization and in vitro toxicity evaluation of nanoemulsion-loaded hydrogel based on copaiba oil and coenzyme Q10. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124132.	2.3	11
66	Stability of Orange Oil/Water Nanoemulsions Prepared by the Pit Method. Journal of Nanoscience and Nanotechnology, 2011, 11, 2237-2243.	0.9	10
67	Application of Oil/Water Nanoemulsions as a New Alternative to Demulsify Crude Oil. Separation Science and Technology, 2013, 48, 1159-1166.	1.3	10
68	Nanosystems in Photoprotection. Journal of Nanoscience and Nanotechnology, 2015, 15, 9679-9688.	0.9	10
69	Development and Evaluation of Nanoemulsions Containing Phthalocyanines for Use in Photodynamic Cancer Therapy. Journal of Nanoscience and Nanotechnology, 2015, 15, 4205-4214.	0.9	10
70	Influence of molar mass of partially hydrolyzed polyacrylamide on the treatment of produced water from enhanced oil recovery. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 584, 124042.	2.3	10
71	Evaluation of pHâ€sensitive hydrogels to control the permeability anisotropy of oil reservoirs. Journal of Applied Polymer Science, 2014, 131, .	1.3	9
72	Hybrid Vesicular Nanosystems Based on Lipids and Polymers Applied in Therapy, Theranostics, and Cosmetics. Critical Reviews in Therapeutic Drug Carrier Systems, 2020, 37, 271-303.	1.2	9

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73	Multiple Response Optimization of Beeswax-Based Nanostructured Lipid Carriers for the Controlled Release of Vitamin E. Journal of Nanoscience and Nanotechnology, 2020, 20, 31-41.	0.9	9
74	Study of adsorption of nonionic surfactants at the liquid-solid interface by FTIR/CIR. Journal of Applied Polymer Science, 2001, 82, 1668-1676.	1.3	8
75	Evaluation of the Physicalâ€Chemical Properties of Poly(ethylene oxide)â€‹block‹/i›â€Poly(propylene) Tj ETQq1 1 0.784314 rgBT /Ov	0.4	8
76	Nanocomposites based on ioneneâ€“bentonite used to treat oily water. Journal of Applied Polymer Science, 2012, 123, 218-226.	1.3	8
77	Development of nanoemulsions containing a polyoxide surfactant and asphaltenes dispersant. Fuel, 2016, 181, 64-74.	3.4	8
78	Niosome-based hydrogel as a potential drug delivery system for topical and transdermal applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 444-461.	1.8	8
79	Polymer viscosifier systems with potential application for enhanced oil recovery: a review. Oil and Gas Science and Technology, 2021, 76, 65.	1.4	8
80	Is There any Relation Between the Solubility of a Polymeric Additive and its Performance as a Pour Point Reducer?. Macromolecular Symposia, 2006, 245-246, 250-259.	0.4	7
81	Determination of the Phase Inversion Temperature of Orange Oil/Water Emulsions by Rheology and Microcalorimetry. Analytical Letters, 2009, 42, 2864-2878.	1.0	7
82	Development of Oil-in-Water Microemulsions and Evaluation of Its Presence in the Treatment of Produced Water. Journal of Nanoscience and Nanotechnology, 2019, 19, 8143-8150.	0.9	7
83	Development of hybrid vesicular nanosystems composed of lipids and chitosan for octyl methoxycinnamate encapsulation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 608, 125476.	2.3	7
84	Rheological effect of gamma radiation on gel-like formulation: Appraisal for the construction of radiopharmaceuticals for cutaneous application. Radiation Physics and Chemistry, 2018, 145, 19-25.	1.4	6
85	Synthesis and characterization of aluminum citrate compounds and evaluation of their influence on the formation of hydrogels based on polyacrylamide. Iranian Polymer Journal (English Edition), 2020, 29, 649-657.	1.3	6
86	Extraction, characterization and rheological behavior of galactomannans in high salinity and temperature conditions. International Journal of Polymer Analysis and Characterization, 2021, 26, 573-592.	0.9	6
87	Development and Evaluation of Solbrax-Water Nanoemulsions for Removal of Oil from Sand. Journal of Nanomaterials, 2014, 2014, 1-8.	1.5	5
88	Hydrogels Applied for Conformance-Improvement Treatment of Oil Reservoirs. , 0, , .		5
89	Thermal stability of polymers based on acrylamide and 2â€acrylamidoâ€2â€methylpropane sulfonic acid in different temperature and salinity conditions. Journal of Applied Polymer Science, 2021, 138, 51301.	1.3	5
90	Polymeric Nanostructured Systems for Liquid Formulation of Praziquan-tel: Development and in vitro Assessment. Current Drug Delivery, 2016, 13, 287-297.	0.8	5

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91	Development of purified cashew gum mucoadhesive buccal tablets containing nystatin for treatment of oral candidiasis. Drug Development and Industrial Pharmacy, 2021, 47, 825-837.	0.9	4
92	Rheological properties of nanocomposite hydrogels containing aluminum and zinc oxides with potential application for conformance control. Colloid and Polymer Science, 2022, 300, 609-624.	1.0	4
93	Estudo de soluÃ§Ãµes aquosas de copolÃmeros em bloco de poli(Ã³xido de etileno)-poli(Ã³xido de) Tj ETQq1 1 0.784314 rgBT /Overlock	0.2	3
94	The Application of Nanoemulsions with Different Orange Oil Concentrations to Remediate Crude Oil-Contaminated Soil. Journal of Nanoscience and Nanotechnology, 2012, 12, 4081-4087.	0.9	3
95	Evaluation of nanoemulsions based on silicone polyethers for demulsification of asphaltene model emulsions. Journal of Applied Polymer Science, 2016, 133, .	1.3	3
96	Desenvolvimento de surfatantes para aplicaÃ§Ã£o na indÃºstria de explosivos. Polimeros, 2014, 24, 474-477.	0.2	2
97	Desenvolvimento e validaÃ§Ã£o de mÃ©todo analÃtico para a determinaÃ§Ã£o de sulfassalazina em suspensÃ£o oral: comparaÃ§Ã£o do mÃ©todo espectrofotomÃ©trico e de cromatografia lÃquida de alta eficiÃªncia (CLAE). Quimica Nova, 2012, 35, 808-813.	0.3	1
98	Evaluation of the influence of polyoxide-based surfactants on the separation process of model emulsions of asphaltenes using the FTIR-ATR technique. Journal of Applied Polymer Science, 2012, 128, n/a-n/a.	1.3	1
99	Biodistribution of Praziquantel (PZQ) Nanoemulsion (NE) in Healthy Wistar Rats: Evaluation of Biological Behavior. Journal of Bionanoscience, 2016, 10, 486-490.	0.4	1
100	Validation of UV Spectrophotometric Method for Quantifying Ketoconazole Encapsulated in Ethyl Cellulose Microspheres. Macromolecular Symposia, 2018, 380, 1800066.	0.4	1
101	Extraction, Characterization and Rheological Behavior of Tamarind Gum Under High Salinity. Brazilian Journal of Analytical Chemistry, 2022, 9, .	0.3	1
102	Plant Oil-based Nanoemulsions: Preparation and Efficacy for Hair Treatment. Current Applied Polymer Science, 2021, 4, 72-82.	0.2	0
103	Evaluation of the impact of guar gum applied to chemical enhanced oil recovery on produced water treatment using a SDBS-Chitosan flocculant system. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 550-565.	1.2	0