

Castro Dantas, T N

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

354
citations

932766

10
h-index

839053

18
g-index

20
all docs

20
docs citations

20
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy metals extraction by microemulsions. <i>Water Research</i> , 2003, 37, 2709-2717.	5.3	72
2	Implementing New Microemulsion Systems in Wettability Inversion and Oil Recovery from Carbonate Reservoirs. <i>Energy & Fuels</i> , 2014, 28, 6749-6759.	2.5	42
3	Alternative fuels composed by blends of nonionic surfactant with diesel and water: engine performance and emissions. <i>Brazilian Journal of Chemical Engineering</i> , 2011, 28, 521-531.	0.7	38
4	The use of microemulsions to remove chromium from industrial sludge. <i>Water Research</i> , 2009, 43, 1464-1470.	5.3	35
5	Experimental Study of Nanofluids Applied in EOR Processes. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 1095-1104.	1.0	33
6	Micellization study and adsorption properties of an ionic surfactant synthesized from hydrogenated cardanol in air-water and in air-brine interfaces. <i>Colloid and Polymer Science</i> , 2009, 287, 81-87.	1.0	20
7	Application of Surfactants for Obtaining Hydraulic Fracturing Gel. <i>Petroleum Science and Technology</i> , 2003, 21, 1145-1157.	0.7	19
8	Hydraulic Gel Fracturing. <i>Journal of Dispersion Science and Technology</i> , 2005, 26, 1-4.	1.3	16
9	The Influence of Surfactant Solution Injection in Oil Recovery by Spontaneous Imbibition. <i>Petroleum Science and Technology</i> , 2014, 32, 2896-2902.	0.7	14
10	Treatment of drill cuttings using microemulsion. <i>Journal of Petroleum Exploration and Production</i> , 2020, 10, 1243-1251.	1.2	12
11	New Surfactant for Gallium and Aluminum Extraction by Microemulsion. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 6784-6788.	1.8	11
12	CHROMIUM EXTRACTION BY MICROEMULSIONS IN TWO- AND THREE-PHASE SYSTEMS. <i>Brazilian Journal of Chemical Engineering</i> , 2015, 32, 949-956.	0.7	9
13	Microemulsion System as a Steel Corrosion Inhibitor. <i>Corrosion</i> , 2002, 58, 723-727.	0.5	8
14	Experimental study of microemulsion systems applied on formation damage remediation. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, 42, 807-814.	1.2	7
15	Experimental study of combined microemulsion/brine flooding to EOR in carbonate reservoirs. <i>Journal of Dispersion Science and Technology</i> , 2022, 43, 827-837.	1.3	7
16	Removal of metal cations by diatomite treated with microemulsion. <i>Journal of Dispersion Science and Technology</i> , 2021, 42, 206-213.	1.3	5
17	Oil Recovery Performance of Surfactant Solutions and Adsorption in Sandstone. <i>Petroleum Science and Technology</i> , 2008, 26, 77-90.	0.7	4
18	Study of Mandacaru (<i>Cereus jamacaru</i> DC), in natura and modified by microemulsion, as a biosorbent for diesel oil. <i>Acta Scientiarum - Technology</i> , 2020, 43, e49874.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Obtaining and characterizing microemulsion systems containing Alkali-Surfactant-Polymer (ASP) for advanced oil recovery application. Research, Society and Development, 2021, 10, e33010514807.	0.0	0
20	Investigations on the adsorption, wettability and zeta potential of anionic surfactant in limestone. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20190534.	0.3	0