

Eleani Costa

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

216
citations

1163117

8
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of calcium carbonate on low carbon steel corrosion behavior in saline CO ₂ high pressure environments. <i>Applied Surface Science</i> , 2015, 359, 143-152.	6.1	74
2	Study of the influence of copper and magnesium additions on the microstructure formation of Zn-Al hypoeutectic alloys. <i>Journal of Alloys and Compounds</i> , 2009, 488, 89-99.	5.5	39
3	Tannin of <i>Acacia mearnsii</i> as green corrosion inhibitor for AA7075-T6 aluminum alloy in acidic medium. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2019, 70, 1288-1297.	1.5	22
4	Wellbore integrity in a saline aquifer: Experimental steel-cement interface degradation under supercritical CO ₂ conditions representative of Brazil's Parana basin. <i>International Journal of Greenhouse Gas Control</i> , 2020, 98, 103077.	4.6	21
5	Zeolite and fly ash in the composition of oil well cement: Evaluation of degradation by CO ₂ under geological storage condition. <i>Journal of Petroleum Science and Engineering</i> , 2020, 185, 106656.	4.2	19
6	Performance of Quebracho extract as eco-friendly corrosion inhibitor for SAE 1010 steel in the oil field environment. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2020, 71, 155-165.	1.5	15
7	Chemical resistance and mechanical properties of nanosilica addition in oil well cement. <i>Journal of Petroleum Science and Engineering</i> , 2021, 196, 107742.	4.2	12
8	Effect of adding organo-modified montmorillonite nanoclay on the performance of oil-well cement paste in CO ₂ -rich environments. <i>Cement and Concrete Composites</i> , 2022, 127, 104400.	10.7	8
9	Sliding Wear Behavior of an AISI 440B Martensitic Stainless Steel Lubricated with Biodiesel and Diesel-Biodiesel Blends. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 5427-5437.	2.5	4
10	Influência da taxa de solidificação na morfologia das fases da liga eutética Zn-22%Al. <i>Revista Escola De Minas</i> , 2009, 62, 193-197.	0.1	1
11	Inhibition of corrosion of API K55 steel by tannin from <i>Acacia mearnsii</i> bark in highly acidic medium. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 0, , .	1.5	1
12	Aplicação do processo de consolidação de pás metálicas por construção radial (CCR) para a produção de pró-formas de ferro. <i>Revista Escola De Minas</i> , 2010, 63, 509-516.	0.1	0
13	Comparative Study of the Performance of SAE 1010, API K55 and API N80 Steels Regarding to Corrosion Resistance in the Presence of High CO ₂ Pressure. <i>Applied Mechanics and Materials</i> , 2016, 830, 71-77.	0.2	0