

Paul Rostron

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1951735/publications.pdf>

Version: 2024-02-01

17
papers

289
citations

1040056

9
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow Velocity and Sand Loading Effect on Erosion-Corrosion during Liquid-Solid Impingement on Mild Steel. Applied Sciences (Switzerland), 2022, 12, 2530.	2.5	6
2	Parametric Study of the Corrosion of API-5L-X65 QT Steel Using Potentiostat Based Measurements in a Flow Loop. Applied Sciences (Switzerland), 2021, 11, 444.	2.5	4
3	External Corrosion Detection of Oil Pipelines Using Fiber Optics. Sensors, 2020, 20, 684.	3.8	23
4	Measurement of local galvanic surface corrosion using scanning electrochemical microscopy on ductile cast iron. Journal of Materials Science, 2019, 54, 9213-9221.	3.7	11
5	Detection of Internal Metal Loss in Steel Pipes and Storage Tanks via Magnetic-Based Fiber Optic Sensor. Sensors, 2018, 18, 815.	3.8	12
6	Curing kinetics and mechanical properties of epoxy based coatings: The influence of added solvent. Progress in Organic Coatings, 2018, 124, 165-174.	3.9	37
7	Hydrogen induced cracking of pipeline and pressure vessel steels: A review. Engineering Fracture Mechanics, 2018, 199, 609-618.	4.3	89
8	Chemical and microbially-induced corrosion in petroleum pipelines. , 2018, , .		1
9	Pipeline internal corrosion sensor based on fiber optics and permanent magnets. , 2018, , .		0
10	Feasibility of magnetic fiber-optic based corrosion sensor. Proceedings of SPIE, 2017, , .	0.8	1
11	Formation and Evolution of Oxide/Oxyhydroxide Corrosion Products on Low-Alloy Steel During Exposure to Near-Neutral pH Solutions Containing Oxygen and Nitrate. Corrosion, 2017, 73, 221-237.	1.1	0
12	Corrosivity Sensor for Exposed Pipelines Based on Wireless Energy Transfer. Sensors, 2017, 17, 1238.	3.8	10
13	Corrosivity monitoring system using RFID-based sensors. , 2016, , .		2
14	Strain based FBC sensor for real-time corrosion rate monitoring in pre-stressed structures. Sensors and Actuators B: Chemical, 2016, 236, 276-285.	7.8	46
15	Novel Synthesis of Vegetable Oil Derived Corrosion Inhibitors. International Journal of Corrosion, 2015, 2015, 1-7.	1.1	2
16	Liquid crystalline behaviour of some azobenzene dyes. Dyes and Pigments, 1995, 29, 77-83.	3.7	33
17	Synthesis of poly vinyl ethers with pendant non-linear optical azo dyes. European Polymer Journal, 1993, 29, 249-253.	5.4	12