

Cuiwei Du

List of Publications by Year in descending order

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125
papers

6,543
citations

71102

41
h-index

71685

76
g-index

125
all docs

125
docs citations

125
times ranked

2884
citing authors

#	ARTICLE	IF	CITATIONS
1	The cost of corrosion in China. Npj Materials Degradation, 2017, 1, .	5.8	652
2	Materials science: Share corrosion data. Nature, 2015, 527, 441-442.	27.8	557
3	Dual-action smart coatings with a self-healing superhydrophobic surface and anti-corrosion properties. Journal of Materials Chemistry A, 2017, 5, 2355-2364.	10.3	413
4	Recent advances on environmental corrosion behavior and mechanism of high-entropy alloys. Journal of Materials Science and Technology, 2021, 80, 217-233.	10.7	250
5	Stress corrosion cracking behavior of X70 pipe steel in an acidic soil environment. Corrosion Science, 2008, 50, 2251-2257.	6.6	178
6	Effect of inclusions on initiation of stress corrosion cracks in X70 pipeline steel in an acidic soil environment. Corrosion Science, 2009, 51, 895-900.	6.6	143
7	Effect of molybdenum content on the microstructure and corrosion behavior of FeCoCrNiMox high-entropy alloys. Journal of Materials Science and Technology, 2020, 46, 64-73.	10.7	138
8	Effect of cathodic protection on corrosion of pipeline steel under disbonded coating. Corrosion Science, 2009, 51, 2242-2245.	6.6	131
9	Stress corrosion cracking of E690 steel as a welded joint in a simulated marine atmosphere containing sulphur dioxide. Corrosion Science, 2015, 100, 627-641.	6.6	123
10	Influence of carbon on the corrosion behaviour of interstitial equiatomic CoCrFeMnNi high-entropy alloys in a chlorinated concrete solution. Corrosion Science, 2020, 163, 108287.	6.6	123
11	Local additional potential model for effect of strain rate on SCC of pipeline steel in an acidic soil solution. Corrosion Science, 2009, 51, 2863-2871.	6.6	121
12	Effect of plastic deformation on the electrochemical and stress corrosion cracking behavior of X70 steel in near-neutral pH environment. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 677, 259-273.	5.6	116
13	Electrochemical characterization and stress corrosion cracking of E690 high strength steel in wet-dry cyclic marine environments. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 710, 318-328.	5.6	106
14	Effect of cathodic potentials on the SCC behavior of E690 steel in simulated seawater. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 642, 22-31.	5.6	105
15	Stress corrosion cracking of X80 pipeline steel in simulated alkaline soil solution. Materials & Design, 2009, 30, 1712-1717.	5.1	102
16	In situ corrosion characterization of simulated weld heat affected zone on API X80 pipeline steel. Corrosion Science, 2014, 85, 401-410.	6.6	99
17	Corrosion fatigue crack initiation and initial propagation mechanism of E690 steel in simulated seawater. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 708, 181-192.	5.6	94
18	Effect of hydrogen-induced plasticity on the stress corrosion cracking of X70 pipeline steel in simulated soil environments. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 658, 348-354.	5.6	93

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19	Fundamental understanding on the effect of Cr on corrosion resistance of weathering steel in simulated tropical marine atmosphere. <i>Corrosion Science</i> , 2021, 186, 109427.	6.6	91
20	Effect of AC current density on stress corrosion cracking behavior of X80 pipeline steel in high pH carbonate/bicarbonate solution. <i>Electrochimica Acta</i> , 2014, 117, 351-359.	5.2	89
21	X-ray photoelectron spectroscopy and electrochemical investigation of the passive behavior of high-entropy FeCoCrNiMox alloys in sulfuric acid. <i>Applied Surface Science</i> , 2020, 499, 143903.	6.1	89
22	Effects of Microstructure on Corrosion of X70 Pipe Steel in an Alkaline Soil. <i>Journal of Materials Engineering and Performance</i> , 2009, 18, 216-220.	2.5	77
23	Influence of different heat-affected zone microstructures on the stress corrosion behavior and mechanism of high-strength low-alloy steel in a sulfurated marine atmosphere. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 759, 124-141.	5.6	77
24	Evolution in microstructure, wear, corrosion, and tribocorrosion behavior of Mo-containing high-entropy alloy coatings fabricated by laser cladding. <i>Corrosion Science</i> , 2021, 191, 109727.	6.6	77
25	Stress-assisted microbiologically influenced corrosion mechanism of 2205 duplex stainless steel caused by sulfate-reducing bacteria. <i>Corrosion Science</i> , 2020, 173, 108746.	6.6	74
26	Effect of AC on stress corrosion cracking behavior and mechanism of X80 pipeline steel in carbonate/bicarbonate solution. <i>Corrosion Science</i> , 2014, 87, 224-232.	6.6	71
27	Influence of graphene oxide additive on the tribological and electrochemical corrosion properties of a PEO coating prepared on AZ31 magnesium alloy. <i>Tribology International</i> , 2020, 146, 106135.	5.9	71
28	Laboratory investigation of microbiologically influenced corrosion of Q235 carbon steel by halophilic archaea <i>Natronorubrum tibetense</i> . <i>Corrosion Science</i> , 2018, 145, 151-161.	6.6	67
29	Microbiologically influenced corrosion of FeCoCrNiMo0.1 high-entropy alloys by marine <i>Pseudomonas aeruginosa</i> . <i>Corrosion Science</i> , 2020, 165, 108390.	6.6	67
30	Mussel-inspired superhydrophobic surfaces with enhanced corrosion resistance and dual-action antibacterial properties. <i>Materials Science and Engineering C</i> , 2017, 80, 566-577.	7.3	66
31	The corrosion behavior and film properties of Al-containing high-entropy alloys in acidic solutions. <i>Applied Surface Science</i> , 2021, 560, 149854.	6.1	58
32	Characterization of corrosion products formed on the surface of carbon steel by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 76-79.	2.5	53
33	Corrosion effect of <i>Bacillus cereus</i> on X80 pipeline steel in a Beijing soil environment. <i>Bioelectrochemistry</i> , 2018, 121, 18-26.	4.6	53
34	The effect of hydrogen on stress corrosion behavior of X65 steel welded joint in simulated deep sea environment. <i>Ocean Engineering</i> , 2016, 114, 216-223.	4.3	52
35	Effects of cathodic polarization on corrosion fatigue life of E690 steel in simulated seawater. <i>International Journal of Fatigue</i> , 2018, 110, 105-114.	5.7	52
36	Comparative study of the SCC behavior of E690 steel and simulated HAZ microstructures in a SO ₂ -polluted marine atmosphere. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 650, 93-101.	5.6	50

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37	Stress corrosion cracking behavior of ZK60 magnesium alloy under different conditions. International Journal of Hydrogen Energy, 2017, 42, 26162-26174.	7.1	50
38	Field experiment of stress corrosion cracking behavior of high strength pipeline steels in typical soil environments. Construction and Building Materials, 2017, 148, 131-139.	7.2	46
39	Comparative study of the stress corrosion behavior of a multiuse bainite steel in the simulated tropical marine atmosphere and seawater environments. Construction and Building Materials, 2020, 239, 117903.	7.2	46
40	Influence of graphene oxide on the antiwear and antifriction performance of MAO coating fabricated on Mg Li alloy. Surface and Coatings Technology, 2019, 364, 144-156.	4.8	44
41	Mechanistic Aspect of Non-Steady Electrochemical Characteristic During Stress Corrosion Cracking of an X70 Pipeline Steel in Simulated Underground Water. Corrosion, 2014, 70, 678-685.	1.1	43
42	Effect of alternating voltage on corrosion of X80 and X100 steels in a chloride containing solution investigated by AC voltammetry technique. Corrosion Science, 2014, 86, 213-222.	6.6	43
43	Mussel-inspired superhydrophilic surface with enhanced antimicrobial properties under immersed and atmospheric conditions. Applied Surface Science, 2019, 465, 267-278.	6.1	42
44	Distinct beneficial effect of Sn on the corrosion resistance of Cr-Mo low alloy steel. Journal of Materials Science and Technology, 2021, 81, 175-189.	10.7	39
45	Effect of pH and hydrogen on the stress corrosion cracking behavior of duplex stainless steel in marine atmosphere environment. Ocean Engineering, 2017, 146, 311-323.	4.3	38
46	Characteristics of hydrogen embrittlement in high-pH stress corrosion cracking of X100 pipeline steel in carbonate/ bicarbonate solution. Construction and Building Materials, 2020, 263, 120124.	7.2	38
47	Effect of alternating current on stress corrosion cracking behavior and mechanism of X80 pipeline steel in near-neutral solution. Journal of Natural Gas Science and Engineering, 2017, 38, 458-465.	4.4	35
48	The study of microbiologically influenced corrosion of 2205 duplex stainless steel based on high-resolution characterization. Corrosion Science, 2020, 174, 108842.	6.6	35
49	Effect of applied potentials on stress corrosion cracking of X70 pipeline steel in alkali solution. Materials & Design, 2009, 30, 2259-2263.	5.1	34
50	Field corrosion characterization of soil corrosion of X70 pipeline steel in a red clay soil. Progress in Natural Science: Materials International, 2015, 25, 242-250.	4.4	34
51	Interaction between hydrogen and cyclic stress and its role in fatigue damage mechanism. Corrosion Science, 2019, 157, 146-156.	6.6	34
52	Corrosion and Stress Corrosion Cracking Behavior of X70 Pipeline Steel in a CO ₂ -Containing Solution. Journal of Materials Engineering and Performance, 2009, 18, 319-323.	2.5	33
53	Local chemistry electrochemistry and stress corrosion susceptibility of X80 steel below disbonded coating in acidic soil environment under cathodic protection. Construction and Building Materials, 2020, 243, 118203.	7.2	33
54	Effect of cathodic polarisation on stress corrosion cracking behaviour of a Ni(Fe, Al)-maraging steel in artificial seawater. Corrosion Science, 2021, 179, 109176.	6.6	33

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55	Effect of SO ₂ content on SCC behavior of E690 high-strength steel in SO ₂ -polluted marine atmosphere. <i>Ocean Engineering</i> , 2018, 164, 256-262.	4.3	32
56	Relationship between electrochemical characteristics and SCC of X70 pipeline steel in an acidic soil simulated solution. <i>Acta Metallurgica Sinica (English Letters)</i> , 2009, 22, 58-64.	2.9	31
57	Effect of negative half-wave alternating current on stress corrosion cracking behavior and mechanism of X80 pipeline steel in near-neutral solution. <i>Construction and Building Materials</i> , 2017, 154, 580-589.	7.2	31
58	Comparative study on corrosion fatigue behaviour of high strength low alloy steel and simulated HAZ microstructures in a simulated marine atmosphere. <i>International Journal of Fatigue</i> , 2020, 137, 105666.	5.7	30
59	Optimization of Mo on the corrosion resistance of Cr-advanced weathering steel designed for tropical marine atmosphere. <i>Construction and Building Materials</i> , 2021, 302, 124346.	7.2	30
60	Modeling for corrosion fatigue crack initiation life based on corrosion kinetics and equivalent initial flaw size theory. <i>Corrosion Science</i> , 2018, 142, 277-283.	6.6	29
61	Electrochemical characteristic and stress corrosion behavior of API X70 high-strength pipeline steel under a simulated disbonded coating in an artificial seawater environment. <i>Journal of Electroanalytical Chemistry</i> , 2019, 845, 92-105.	3.8	29
62	Failure Mechanisms of the Coating/Metal Interface in Waterborne Coatings: The Effect of Bonding. <i>Materials</i> , 2017, 10, 397.	2.9	28
63	Effect of Zinc Phosphate on the Corrosion Behavior of Waterborne Acrylic Coating/Metal Interface. <i>Materials</i> , 2017, 10, 654.	2.9	28
64	Effect of Alternating Current on the Cathodic Protection and Interface Structure of X80 Steel. <i>Materials</i> , 2017, 10, 851.	2.9	27
65	Study of biofilm-influenced corrosion on X80 pipeline steel by a nitrate-reducing bacterium, <i>Bacillus cereus</i> , in artificial Beijing soil. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 197, 111356.	5.0	27
66	Effect of pH value on stress corrosion cracking of X70 pipeline steel in acidic soil environment. <i>Acta Metallurgica Sinica (English Letters)</i> , 2013, 26, 489-496.	2.9	26
67	Effect of pre-strain on the electrochemical and stress corrosion cracking behavior of E690 steel in simulated marine atmosphere. <i>Ocean Engineering</i> , 2019, 182, 188-195.	4.3	26
68	Accelerating effect of catalase on microbiologically influenced corrosion of 304 stainless steel by the halophilic archaeon <i>Natronorubrum tibetense</i> . <i>Corrosion Science</i> , 2021, 178, 109057.	6.6	26
69	Failure analysis of P110 steel tubing in low-temperature annular environment of CO ₂ flooding wells. <i>Engineering Failure Analysis</i> , 2016, 60, 296-306.	4.0	25
70	Effect of microstructure on the corrosion resistance of 2205 duplex stainless steel. Part 2: Electrochemical noise analysis of corrosion behaviors of different microstructures based on wavelet transform. <i>Construction and Building Materials</i> , 2018, 189, 1294-1302.	7.2	25
71	Effect of microstructure on the corrosion resistance of 2205 duplex stainless steel. Part 1: Microstructure evolution during isothermal aging at 850°C and evaluation of anticorrosion properties by methods of cyclic potentiodynamic polarization and electrochemical impedance tests. <i>Construction and Building Materials</i> , 2018, 189, 1286-1293.	7.2	25
72	Microbiologically influenced corrosion of 304 stainless steel by nitrate reducing <i>Bacillus cereus</i> in simulated Beijing soil solution. <i>Bioelectrochemistry</i> , 2020, 133, 107477.	4.6	25

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73	Failure analysis of a 304 stainless steel heat exchanger in liquid sulfur recovery units. <i>Engineering Failure Analysis</i> , 2020, 116, 104729.	4.0	24
74	Effect of Strength and Microstructure on Stress Corrosion Cracking Behavior and Mechanism of X80 Pipeline Steel in High pH Carbonate/Bicarbonate Solution. <i>Journal of Materials Engineering and Performance</i> , 2014, 23, 1358-1365.	2.5	23
75	Effect of alternating current and <i>Bacillus cereus</i> on the stress corrosion behavior and mechanism of X80 steel in a Beijing soil solution. <i>Bioelectrochemistry</i> , 2019, 127, 49-58.	4.6	22
76	Effect of Dissolved Oxygen Concentration on the Microbiologically Influenced Corrosion of Q235 Carbon Steel by Halophilic Archaeon <i>Natronorubrum tibetense</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 844.	3.5	22
77	Corrosion behavior of X80 pipeline steel in the presence of <i>Brevibacterium halotolerans</i> in Beijing soil. <i>Bioelectrochemistry</i> , 2019, 126, 121-129.	4.6	22
78	Microbiologically influenced corrosion of X80 pipeline steel by nitrate reducing bacteria in artificial Beijing soil. <i>Bioelectrochemistry</i> , 2020, 135, 107551.	4.6	22
79	The Corrosion Behavior of AZ91D Magnesium Alloy in Simulated Haze Aqueous Solution. <i>Materials</i> , 2018, 11, 970.	2.9	20
80	Microbiologically influenced corrosion of 304 stainless steel by halophilic archaea <i>Natronorubrum tibetense</i> . <i>Journal of Materials Science and Technology</i> , 2020, 46, 12-20.	10.7	20
81	Evidencing the uptake of electrons from X80 steel by <i>Bacillus licheniformis</i> with redox probe, 5-cyano-2,3-ditoly tetrazolium chloride. <i>Corrosion Science</i> , 2020, 168, 108569.	6.6	20
82	Erosion-corrosion behavior of 2205 duplex stainless steel in wet gas environments. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 35, 928-934.	4.4	19
83	Preparation of Superhydrophobic Film on Ti Substrate and Its Anticorrosion Property. <i>Materials</i> , 2017, 10, 628.	2.9	19
84	Effects of cathodic potential on the local electrochemical environment under a disbanded coating. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 697-704.	2.9	17
85	The AC corrosion and SCC mechanism of X80 pipeline steel in near-neutral pH solution. <i>Engineering Failure Analysis</i> , 2020, 118, 104904.	4.0	15
86	Revealing bioinorganic interface in microbiologically influenced corrosion with FIB-SEM/TEM. <i>Corrosion Science</i> , 2020, 173, 108763.	6.6	15
87	Analysis of Corrosion Evolution in Carbon Steel in the Subtropical Atmospheric Environment of Sichuan. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 8014-8022.	2.5	15
88	Electrochemical studies of microbiologically influenced corrosion of X80 steel by nitrate-reducing <i>Bacillus licheniformis</i> under anaerobic conditions. <i>Journal of Materials Science and Technology</i> , 2022, 118, 208-217.	10.7	15
89	Influence of NaCl concentration on microbiologically influenced corrosion of carbon steel by halophilic archaeon <i>Natronorubrum tibetense</i> . <i>Bioelectrochemistry</i> , 2021, 140, 107746.	4.6	14
90	Stress Corrosion Cracking of X80 Pipeline Steel Under Various Alternating Current Frequencies in High-pH Carbonate/Bicarbonate Solution. <i>Corrosion</i> , 2014, 70, 1181-1188.	1.1	13

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91	Electrochemical and Stress Corrosion Mechanism of Submarine Pipeline in Simulated Seawater in Presence of Different Alternating Current Densities. <i>Materials</i> , 2018, 11, 1074.	2.9	13
92	Microstructure and mechanical properties of FeCoCrNiMo0.1 high-entropy alloy with various annealing treatments. <i>Materials Characterization</i> , 2021, 179, 111313.	4.4	13
93	Raman and IR spectroscopy study of corrosion products on the surface of the hot-dip galvanized steel with alkaline mud adhesion. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 656-660.	2.5	12
94	A new understanding of the failure of waterborne acrylic coatings. <i>RSC Advances</i> , 2017, 7, 38135-38148.	3.6	12
95	Corrosion mechanism of nitrate reducing bacteria on X80 steel correlated to its intermediate metabolite nitrite. <i>Construction and Building Materials</i> , 2021, 303, 124454.	7.2	12
96	Effect of Hydrogen Charging on the Stress Corrosion Behavior of 2205 Duplex Stainless Steel Under 3.5Åwt.% NaCl Thin Electrolyte Layer. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 2837-2846.	2.5	11
97	Corrosion Behavior of X80 Steel with Coupled Coating Defects under Alternating Current Interference in Alkaline Environment. <i>Materials</i> , 2017, 10, 720.	2.9	11
98	Effect of AC Current Density on the Stress Corrosion Cracking Behavior and Mechanism of E690 High-Strength Steel in Simulated Seawater. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 6931-6941.	2.5	11
99	Stress Corrosion Cracking of 2205 Duplex Stainless Steel with Simulated Welding Microstructures in Simulated Sea Environment at Different Depths. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 5476-5489.	2.5	11
100	Electrochemical Behavior and Stress Corrosion Sensitivity of X70 Steel Under Disbonded Coatings in Korla Soil Solution. <i>Journal of Materials Engineering and Performance</i> , 2016, 25, 4657-4665.	2.5	10
101	Influence of sea mud state on the anodic behavior of Al-Zn-In-Mg-Ti sacrificial anode. <i>Ocean Engineering</i> , 2017, 136, 11-17.	4.3	10
102	Variation of the Corrosion Behavior Prior to Crack Initiation of E690 Steel Fatigued in Simulated Seawater with Various Cyclic Stress Levels. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 4921-4931.	2.5	10
103	Effect of Hydrogen Charging on the Stress Corrosion Cracking Behavior of X70 Steel in Simulated Deep Seawater Environment. <i>Metals</i> , 2022, 12, 334.	2.3	9
104	Corrosion resistance of 316L stainless steel in acetic acid by EIS and Mott-Schottky. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2008, 23, 574-578.	1.0	8
105	The Effect of Flowing Velocity and Impact Angle on the Fluid-Accelerated Corrosion of X65 Pipeline Steel in a Wet Gas Environment Containing CO ₂ . <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 6636-6647.	2.5	8
106	Stress corrosion mechanism and susceptibility of X80 steel under a disbonded coating in an acidic soil solution. <i>Journal of Materials Research and Technology</i> , 2021, 14, 533-547.	5.8	7
107	Exploration of the processing scheme of a novel Ni(Fe, Al)-maraging steel. <i>Journal of Materials Research and Technology</i> , 2021, 10, 225-239.	5.8	7
108	Extracellular electron transfer routes in microbiologically influenced corrosion of X80 steel by <i>Bacillus licheniformis</i> . <i>Bioelectrochemistry</i> , 2022, 145, 108074.	4.6	7

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109	Initiation Mechanism of Localized Corrosion Induced by Al ₂ O ₃ -MnS Composite Inclusion in Low-Alloy Structural Steel. <i>Metals</i> , 2022, 12, 587.	2.3	7
110	Fundamental understanding on the microstructure and corrosion resistance of Cr-(Cr, Al) ₂ O ₃ composite coatings in-situ synthesized by reactive plasma spraying. <i>Surface and Coatings Technology</i> , 2021, 423, 127608.	4.8	5
111	Microstructure and corrosion resistance of duplex coatings deposited on TC17 alloys by MAO and HiPIMS. <i>Materials Letters</i> , 2021, 303, 130506.	2.6	5
112	Comparison of microbiologically influenced corrosion of structural steel by nitrate-reducing bacteria in aerobic and anaerobic conditions. <i>Construction and Building Materials</i> , 2021, 288, 123091.	7.2	4
113	Nitrate-reducing-bacteria-Assisted hydrogen embrittlement of X80 steel in a near-neutral pH solution. <i>Corrosion Science</i> , 2022, 202, 110317.	6.6	4
114	A Modelling Study for Predicting Life of Downhole Tubes Considering Service Environmental Parameters and Stress. <i>Materials</i> , 2016, 9, 741.	2.9	3
115	Effect of Alternating Current and Cathodic Protection on Corrosion of X80 Steel in Alkaline Soil. <i>Journal of Materials Engineering and Performance</i> , 0, , 1.	2.5	3
116	Caustic corrosion cracking of the octene tube in the fertilizer industry. <i>Engineering Failure Analysis</i> , 2022, 133, 105953.	4.0	3
117	The influence of half-cycle rectified sinusoidal alternating current (AC) on corrosion of X80 pipeline steel in an acid bicarbonate solution. <i>Anti-Corrosion Methods and Materials</i> , 2020, 67, 248-254.	1.5	2
118	Effect of Tempering Temperature on the Microstructure and Stress Corrosion Cracking Susceptibility of Ultra-High-Strength Mooring Steel. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 4217-4229.	2.5	2
119	Stress Corrosion Susceptibility and Electrochemical Characteristic of X80 Under a Disbonded Coating in a Low-pH Soil Solution with Cathodic Protection. <i>Journal of Materials Engineering and Performance</i> , 2022, 31, 2102-2111.	2.5	2
120	Stress corrosion cracking behavior of high-strength mooring-chain steel in the SO ₂ -polluted coastal atmosphere. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2022, 29, 1186-1196.	4.9	2
121	Fractal characteristics of AC corrosion morphology of X80 pipeline steel in coastal soil solution. <i>Anti-Corrosion Methods and Materials</i> , 2019, 66, 868-878.	1.5	1
122	The influence of temperature and dissolved oxygen on the electrochemical nature of Al-Zn-In-Ga galvanic anode. <i>Surface Topography: Metrology and Properties</i> , 2021, 9, 035054.	1.6	1
123	Effect of cathodic potential on stress corrosion cracking behavior of 21Cr2NiMo steel in simulated seawater. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2022, 29, 263-270.	4.9	1
124	Corrosion and tribocorrosion behaviors of ternary TiZrN coating on 304 stainless steel prepared by HiPIMS. <i>Materials Today Communications</i> , 2022, 31, 103258.	1.9	1
125	Corrosion behavior of typical hot rolled sheets in humid storage environments. <i>Anti-Corrosion Methods and Materials</i> , 2022, ahead-of-print, .	1.5	0