

Cuiwei Du

List of Publications by Year in descending order

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125
papers

6,543
citations

71102

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times ranked

2884
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#	ARTICLE	IF	CITATIONS
1	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
2	Caustic corrosion cracking of the octene tube in the fertilizer industry. <i>Engineering Failure Analysis</i> , 2022, 133, 105953.	4.0	3
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	Recent advances on environmental corrosion behavior and mechanism of high-entropy alloys. <i>Journal of Materials Science and Technology</i> , 2021, 80, 217-233.	10.7	250
15	Effect of cathodic polarisation on stress corrosion cracking behaviour of a Ni(Fe, Al)-maraging steel in artificial seawater. <i>Corrosion Science</i> , 2021, 179, 109176.	6.6	33
16	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
17	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
18	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

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19	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
20	Distinct beneficial effect of Sn on the corrosion resistance of Cr-Mo low alloy steel. <i>Journal of Materials Science and Technology</i> , 2021, 81, 175-189.	10.7	39
21	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
22	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
23	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
24	Microstructure and mechanical properties of FeCoCrNiMo0.1 high-entropy alloy with various annealing treatments. <i>Materials Characterization</i> , 2021, 179, 111313.	4.4	13
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	Influence of carbon on the corrosion behaviour of interstitial equiatomic CoCrFeMnNi high-entropy alloys in a chlorinated concrete solution. <i>Corrosion Science</i> , 2020, 163, 108287.	6.6	123
34	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
35	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
36	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

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37	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
38	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
39	Characteristics of hydrogen embrittlement in high-pH stress corrosion cracking of X100 pipeline steel in carbonate/ bicarbonate solution. <i>Construction and Building Materials</i> , 2020, 263, 120124.	7.2	38
40	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
41	Revealing bioinorganic interface in microbiologically influenced corrosion with FIB-SEM/TEM. <i>Corrosion Science</i> , 2020, 173, 108763.	6.6	15
42	Evidencing the uptake of electrons from X80 steel by <i>Bacillus licheniformis</i> with redox probe, 5-cyano-2,3-ditoyl tetrazolium chloride. <i>Corrosion Science</i> , 2020, 168, 108569.	6.6	20
43	The study of microbiologically influenced corrosion of 2205 duplex stainless steel based on high-resolution characterization. <i>Corrosion Science</i> , 2020, 174, 108842.	6.6	35
44	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
45	Comparative study of the stress corrosion behavior of a multiuse bainite steel in the simulated tropical marine atmosphere and seawater environments. <i>Construction and Building Materials</i> , 2020, 239, 117903.	7.2	46
46	Effect of molybdenum content on the microstructure and corrosion behavior of FeCoCrNiMox high-entropy alloys. <i>Journal of Materials Science and Technology</i> , 2020, 46, 64-73.	10.7	138
47	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
48	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
49	Local chemistry“electrochemistry and stress corrosion susceptibility of X80 steel below disbonded coating in acidic soil environment under cathodic protection. <i>Construction and Building Materials</i> , 2020, 243, 118203.	7.2	33
50	Microbiologically influenced corrosion of X80 pipeline steel by nitrate reducing bacteria in artificial Beijing soil. <i>Bioelectrochemistry</i> , 2020, 135, 107551.	4.6	22
51	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
52	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
53	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
54	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

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55	Interaction between hydrogen and cyclic stress and its role in fatigue damage mechanism. <i>Corrosion Science</i> , 2019, 157, 146-156.	6.6	34
56	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
57	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
58	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
59	Influence of graphene oxide on the antiwear and antifriction performance of MAO coating fabricated on Mg Li alloy. <i>Surface and Coatings Technology</i> , 2019, 364, 144-156.	4.8	44
60	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
61	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
62	Mussel-inspired superhydrophilic surface with enhanced antimicrobial properties under immersed and atmospheric conditions. <i>Applied Surface Science</i> , 2019, 465, 267-278.	6.1	42
63	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
64	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
65	Electrochemical characterization and stress corrosion cracking of E690 high strength steel in wet-dry cyclic marine environments. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 710, 318-328.	5.6	106
66	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
67	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
68	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
69	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
70	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
71	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
72	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

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73	The Corrosion Behavior of AZ91D Magnesium Alloy in Simulated Haze Aqueous Solution. <i>Materials</i> , 2018, 11, 970.	2.9	20
74	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
75	Effect of alternating current on stress corrosion cracking behavior and mechanism of X80 pipeline steel in near-neutral solution. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 38, 458-465.	4.4	35
76	Field experiment of stress corrosion cracking behavior of high strength pipeline steels in typical soil environments. <i>Construction and Building Materials</i> , 2017, 148, 131-139.	7.2	46
77	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
78	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
79	Dual-action smart coatings with a self-healing superhydrophobic surface and anti-corrosion properties. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2355-2364.	10.3	413
80	Corrosion fatigue crack initiation and initial propagation mechanism of E690 steel in simulated seawater. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 708, 181-192.	5.6	94
81	Effect of pH and hydrogen on the stress corrosion cracking behavior of duplex stainless steel in marine atmosphere environment. <i>Ocean Engineering</i> , 2017, 146, 311-323.	4.3	38
82	Stress corrosion cracking behavior of ZK60 magnesium alloy under different conditions. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 26162-26174.	7.1	50
83	The cost of corrosion in China. <i>Npj Materials Degradation</i> , 2017, 1, .	5.8	652
84	A new understanding of the failure of waterborne acrylic coatings. <i>RSC Advances</i> , 2017, 7, 38135-38148.	3.6	12
85	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
86	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
87	Failure Mechanisms of the Coating/Metal Interface in Waterborne Coatings: The Effect of Bonding. <i>Materials</i> , 2017, 10, 397.	2.9	28
88	Effect of Zinc Phosphate on the Corrosion Behavior of Waterborne Acrylic Coating/Metal Interface. <i>Materials</i> , 2017, 10, 654.	2.9	28
89	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
90	Effect of Alternating Current on the Cathodic Protection and Interface Structure of X80 Steel. <i>Materials</i> , 2017, 10, 851.	2.9	27

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91	Preparation of Superhydrophobic Film on Ti Substrate and Its Anticorrosion Property. <i>Materials</i> , 2017, 10, 628.	2.9	19
92	A Modelling Study for Predicting Life of Downhole Tubes Considering Service Environmental Parameters and Stress. <i>Materials</i> , 2016, 9, 741.	2.9	3
93	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
94	Effect of plastic deformation on the electrochemical and stress corrosion cracking behavior of X70 steel in near-neutral pH environment. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 677, 259-273.	5.6	116
95	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
96	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
97	Effect of hydrogen-induced plasticity on the stress corrosion cracking of X70 pipeline steel in simulated soil environments. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 658, 348-354.	5.6	93
98	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
99	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
100	Materials science: Share corrosion data. <i>Nature</i> , 2015, 527, 441-442.	27.8	557
101	Effect of cathodic potentials on the SCC behavior of E690 steel in simulated seawater. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 642, 22-31.	5.6	105
102	Field corrosion characterization of soil corrosion of X70 pipeline steel in a red clay soil. <i>Progress in Natural Science: Materials International</i> , 2015, 25, 242-250.	4.4	34
103	Stress corrosion cracking of E690 steel as a welded joint in a simulated marine atmosphere containing sulphur dioxide. <i>Corrosion Science</i> , 2015, 100, 627-641.	6.6	123
104	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
105	In situ corrosion characterization of simulated weld heat affected zone on API X80 pipeline steel. <i>Corrosion Science</i> , 2014, 85, 401-410.	6.6	99
106	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
107	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
108	Mechanistic Aspect of Non-Steady Electrochemical Characteristic During Stress Corrosion Cracking of an X70 Pipeline Steel in Simulated Underground Water. <i>Corrosion</i> , 2014, 70, 678-685.	1.1	43

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109	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
110	Effect of AC on stress corrosion cracking behavior and mechanism of X80 pipeline steel in carbonate/bicarbonate solution. Corrosion Science, 2014, 87, 224-232.	6.6	71
111	Effect of pH value on stress corrosion cracking of X70 pipeline steel in acidic soil environment. Acta Metallurgica Sinica (English Letters), 2013, 26, 489-496.	2.9	26
112	Characterization of corrosion products formed on the surface of carbon steel by Raman spectroscopy. Journal of Raman Spectroscopy, 2009, 40, 76-79.	2.5	53
113	Raman and IR spectroscopy study of corrosion products on the surface of the hot-dip galvanized steel with alkaline mud adhesion. Journal of Raman Spectroscopy, 2009, 40, 656-660.	2.5	12
114	Effects of cathodic potential on the local electrochemical environment under a disbonded coating. Journal of Applied Electrochemistry, 2009, 39, 697-704.	2.9	17
115	Effects of Microstructure on Corrosion of X70 Pipe Steel in an Alkaline Soil. Journal of Materials Engineering and Performance, 2009, 18, 216-220.	2.5	77
116	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
117	Stress corrosion cracking of X80 pipeline steel in simulated alkaline soil solution. Materials & Design, 2009, 30, 1712-1717.	5.1	102
118	Effect of applied potentials on stress corrosion cracking of X70 pipeline steel in alkali solution. Materials & Design, 2009, 30, 2259-2263.	5.1	34
119	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
120	Effect of cathodic protection on corrosion of pipeline steel under disbonded coating. Corrosion Science, 2009, 51, 2242-2245.	6.6	131
121	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
122	Relationship between electrochemical characteristics and SCC of X70 pipeline steel in an acidic soil simulated solution. Acta Metallurgica Sinica (English Letters), 2009, 22, 58-64.	2.9	31
123	Corrosion resistance of 316L stainless steel in acetic acid by EIS and Mott-Schottky. Journal Wuhan University of Technology, Materials Science Edition, 2008, 23, 574-578.	1.0	8
124	Stress corrosion cracking behavior of X70 pipe steel in an acidic soil environment. Corrosion Science, 2008, 50, 2251-2257.	6.6	178
125	Effect of Alternating Current and Cathodic Protection on Corrosion of X80 Steel in Alkaline Soil. Journal of Materials Engineering and Performance, 0, , 1.	2.5	3