# Martin S Bojinov

List of Publications by Year
in descending order



| 127 | 2,953 | 136950 | 206112 |
|---|---|---|---|
| papers | citations | 32 h-index | 48 g-index |

| 127 | 127 | 127 | 1483 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Coupling between ionic defect structure and electronic conduction in passive films on iron, chromium and ironâ€“chromium alloys. Electrochimica Acta, 2000, 45, 2029-2048. | 5.2 | 148 |
| 2 | The transpassive dissolution mechanism of highly alloyed stainless steels. Corrosion Science, 2002, 44, 2675-2697. | 6.6 | 132 |
| 3 | The ability of a surface charge approach to describe barrier film growth on tungsten in acidic solutions. Electrochimica Acta, 1997, 42, 3489-3498. | 5.2 | 110 |
| 4 | The stability of the passive state of ironâ€“chromium alloys in sulphuric acid solution. Corrosion Science, 1999, 41, 1557-1584. | 6.6 | 90 |
| 5 | The mechanism of transpassive dissolution of Niâ€“Cr alloys in sulphate solutions. Electrochimica Acta, 2000, 45, 2791-2802. | 5.2 | 78 |
| 6 | A mixed-conduction model for oxide films on Fe, Cr and Feâ€“Cr alloys in high-temperature aqueous electrolytesâ€“â€“I. Comparison of the electrochemical behaviour at room temperature and at 200 Â°C. Corrosion Science, 2002, 44, 1901-1921. | 6.6 | 75 |
| 7 | Influence of water chemistry on the corrosion mechanism of a zirconiumâ€“niobium alloy in simulated light water reactor coolant conditions. Corrosion Science, 2010, 52, 54-67. | 6.6 | 73 |
| 8 | Electrochemical study of the passive behaviour of Niâ€“Cr alloys in a borate solutionâ€”a mixed-conduction model approach. Journal of Electroanalytical Chemistry, 2001, 504, 29-44. | 3.8 | 69 |
| 9 | A Mixed-Conduction Model for the Oxidation of Stainless Steel in a High-Temperature Electrolyte. Journal of the Electrochemical Society, 2005, 152, B250. | 2.9 | 66 |
| 10 | Influence of molybdenum on the conduction mechanism in passive films on ironâ€“chromium alloys in sulphuric acid solution. Electrochimica Acta, 2001, 46, 1339-1358. | 5.2 | 65 |
| 11 | Electrodeposition of refractory metals (Ti, Zr, Nb, Ta) from molten salt electrolytes. Journal of Applied Electrochemistry, 1995, 25, 993. | 2.9 | 63 |
| 12 | Influence of fluoride content on the barrier layer formation and titanium dissolution in ethylene glycolâ€“water electrolytes. Electrochimica Acta, 2012, 78, 65-74. | 5.2 | 60 |
| 13 | A mixed-conduction model for oxide films on Fe, Cr and Feâ€“Cr alloys in high-temperature aqueous electrolytesâ€”II. Adaptation and justification of the model. Corrosion Science, 2002, 44, 1923-1940. | 6.6 | 59 |
| 14 | Evidence of coupling between film growth and metal dissolution in passivation processes. Electrochimica Acta, 2003, 48, 4107-4117. | 5.2 | 59 |
| 15 | Conduction mechanism of the anodic film on chromium in acidic sulphate solutions. Electrochimica Acta, 1998, 44, 247-261. | 5.2 | 54 |
| 16 | Estimation of the parameters of oxide film growth on nickel-based alloys in high-temperature water electrolytes. Electrochimica Acta, 2007, 52, 7475-7483. | 5.2 | 51 |
| 17 | Transpassivity mechanism of ironâ€“chromiumâ€“molybdenum alloys studied by AC impedance, DC resistance and RRDE measurements. Electrochimica Acta, 1999, 44, 4331-4343. | 5.2 | 48 |
| 18 | Conduction Mechanism of the Passive Film on Iron Based on Contact Electric Impedance and Resistance Measurements. Journal of the Electrochemical Society, 2001, 148, B243. | 2.9 | 48 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The transpassive dissolution mechanism of highly alloyed stainless steels. Corrosion Science, 2002, 44, 2699-2723. | 6.6 | 48 |
| 20 | Effect of microstructure on the electrocatalytic activity for hydrogen evolution of amorphous and nanocrystalline Zrâ€“Ni alloys. International Journal of Hydrogen Energy, 2012, 37, 10499-10506. | 7.1 | 46 |
| 21 | Electrochemical behaviour of the antimony electrode in sulphuric acid solutionsâ€”I. Corrosion processes and anodic dissolution of antimony. Electrochimica Acta, 1991, 36, 2081-2086. | 5.2 | 44 |
| 22 | Modelling the formation and growth of anodic passive films on metals in concentrated acid solutions. Journal of Solid State Electrochemistry, 1997, 1, 161-171. | 2.5 | 44 |
| 23 | Effect of sulphide on the corrosion behaviour of AISI 316L stainless steel and its constituent elements in simulated Kraft digester conditions. Corrosion Science, 2010, 52, 1499-1507. | 6.6 | 44 |
| 24 | Electrochemical behaviour of the antimony electrode in sulphuric acid solutionsâ€”II. Formation and properties of the primary anodic layer. Electrochimica Acta, 1991, 36, 2087-2092. | 5.2 | 42 |
| 25 | The Mechanism of the Transpassive Dissolution of Chromium in Acidic Sulfate Solutions. Journal of the Electrochemical Society, 1998, 145, 2043-2050. | 2.9 | 42 |
| 26 | Surface film electrochemistry of austenitic stainless steel and its main constituents in supercritical water. Journal of Supercritical Fluids, 2007, 43, 333-340. | 3.2 | 42 |
| 27 | Effect of water chemistry on the oxide film on Alloy 690 during simulated hot functional testing of a pressurised water reactor. Corrosion Science, 2012, 58, 20-32. | 6.6 | 40 |
| 28 | Influence of Zn on the oxide layer on AISI 316L(NG) stainless steel in simulated pressurised water reactor coolant. Electrochimica Acta, 2009, 54, 1056-1069. | 5.2 | 38 |
| 29 | Electrochemical Behavior of Nickel-Chromium Alloys in a High-Temperature Aqueous Electrolyte. Corrosion, 2003, 59, 91-103. | 1.1 | 37 |
| 30 | Conduction Mechanism of the Anodic Film on Feâ€Cr Alloys in Sulfate Solutions. Journal of the Electrochemical Society, 1999, 146, 3238-3247. | 2.9 | 35 |
| 31 | A model for the transpassivity of molybdenum in acidic sulphate solutions based on ac impedance measurements. Electrochimica Acta, 1996, 41, 1173-1179. | 5.2 | 34 |
| 32 | Mixed-Conduction Model for Stainless Steel in a High-Temperature Electrolyte: Estimation of Kinetic Parameters of Inner Layer Constituents. Journal of the Electrochemical Society, 2008, 155, C81. | 2.9 | 32 |
| 33 | Effect of dissolved oxygen on oxidation and hydrogen pick up behaviourâ€”Zircaloy vs Zrâ€“Nb alloys. Nuclear Engineering and Design, 2010, 240, 985-994. | 1.7 | 32 |
| 34 | Estimation of kinetic and transport parameters by quantitative evaluation of EIS and XPS data. Electrochimica Acta, 2010, 55, 6163-6173. | 5.2 | 31 |
| 35 | A mechanism of interaction of copper with a deoxygenated neutral aqueous solution. Corrosion Science, 2010, 52, 2917-2927. | 6.6 | 31 |
| 36 | Mechanism of anodic oxidation of molybdenum in nearly-neutral electrolytes studied by electrochemical impedance spectroscopy and X-ray photoelectron spectroscopy. Electrochimica Acta, 2011, 56, 7899-7906. | 5.2 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Passivation mechanism of iron in concentrated phosphoric acid. Journal of Electroanalytical Chemistry, 1999, 475, 58-65. | 3.8 | 28 |
| 38 | Corrosion of nickel, iron, cobalt and their alloys in molten salt electrolytes. Journal of Materials Science, 1995, 30, 5561-5575. | 3.7 | 27 |
| 39 | In situ and ex situ characterisation of oxide films formed on strained stainless steel surfaces in high-temperature water. Applied Surface Science, 2006, 252, 8580-8588. | 6.1 | 27 |
| 40 | Anodic oxidation of tungsten in sulphuric acid solutionâ€"Influence of hydrofluoric acid addition. Materials Chemistry and Physics, 2008, 112, 702-710. | 4.0 | 25 |
| 41 | Conduction mechanism in oxide films on ferrous alloys studied by impedance spectroscopy in symmetrical and asymmetrical configurations. Journal of Electroanalytical Chemistry, 2004, 572, 211-223. | 3.8 | 24 |
| 42 | Influence of tin on the anodic behaviour of lead in sulphuric acid solutionsâ€"I. Voltammetric, photoelectrochemical and AC impedance measurements on a Pbâ€"10%Sn alloy. Electrochimica Acta, 1994, 39, 719-726. | 5.2 | 23 |
| 43 | An electrochemical and surface analytical study of the formation of nanoporous oxides on niobium. Electrochimica Acta, 2007, 52, 7724-7731. | 5.2 | 23 |
| 44 | Characterisation of the oxide layer on carbon steel during hot conditioning of primary heat transport systems in heavy-water reactors. Corrosion Science, 2009, 51, 1146-1156. | 6.6 | 23 |
| 45 | Electrochemical behaviour of the antimony electrode in sulphuric acid solutionsâ€"III. identification of corrosion products after long-term polarization. Electrochimica Acta, 1991, 36, 2093-2102. | 5.2 | 22 |
| 46 | Mechanism of transpassive dissolution of nickel-based alloys studied by impedance spectroscopy and rotating ring-disc voltammetry. Electrochimica Acta, 2002, 47, 2093-2107. | 5.2 | 22 |
| 47 | Estimation of kinetic parameters of the corrosion layer constituents on steels in supercritical water coolant conditions. Corrosion Science, 2011, 53, 4193-4203. | 6.6 | 22 |
| 48 | Studies on the redox behaviour of some polythiophene derivatives by impedance spectroscopy in symmetrical and asymmetrical configurations. Journal of Electroanalytical Chemistry, 1999, 472, 20-32. | 3.8 | 21 |
| 49 | Contact electric impedance and resistance studies of the conduction mechanism in passive films on ferrous alloys. Electrochimica Acta, 2001, 46, 3627-3640. | 5.2 | 21 |
| 50 | A model for surface charge-assisted barrier film growth on metals in acidic solutions based on ac impedance measurements. Electrochimica Acta, 1996, 41, 2695-2705. | 5.2 | 20 |
| 51 | Influence of the electrolyte composition and temperature on the transpassive dissolution of austenitic stainless steels in simulated bleaching solutions. Electrochimica Acta, 2002, 47, 3335-3349. | 5.2 | 20 |
| 52 | Coupling between dissolution and passivation revisited â€“ Kinetic parameters of anodic oxidation of titanium alloys in a fluoride-containing electrolyte. Journal of Electroanalytical Chemistry, 2015, 737, 150-161. | 3.8 | 20 |
| 53 | The Influence of Solution Anion on the Mechanism of Transpassive Dissolution of Ferrous- and Nickel-Based Alloys. Journal of Physical Chemistry B, 2003, 107, 5101-5112. | 2.6 | 19 |
| 54 | Corrosion of Copper in Simulated Nuclear Waste Repository Conditions. Electrochemical and Solid-State Letters, 2003, 6, B19. | 2.2 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Transpassive dissolution of Niâ€“Cr alloys in sulphate solutionsâ€”comparison between a model alloy and two industrial alloys. Electrochimica Acta, 2002, 47, 1697-1712. | 5.2 | 18 |
| 56 | The processes of formation of a gel-like anodic layer during polarization of an antimony electrode in H2SO4 solution. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 315, 201-216. | 0.1 | 17 |
| 57 | Oxidative dissolution and anion-assisted solubilisation in the transpassive state of nickelâ€“chromium alloys. Electrochimica Acta, 2004, 49, 2295-2306. | 5.2 | 17 |
| 58 | Impedance measurements of the relaxation phenomena in the bismuth/anodic film/electrolyte system. Electrochimica Acta, 1992, 37, 2415-2420. | 5.2 | 16 |
| 59 | Impedance measurements of a tin electrode in H2SO4 solutions. Journal of Electroanalytical Chemistry, 1993, 347, 207-221. | 3.8 | 16 |
| 60 | Kinetic parameters of the oxidation of zirconium alloys in simulated WWER water â€“ Effect of KOH content. Journal of Nuclear Materials, 2008, 378, 45-54. | 2.7 | 15 |
| 61 | Mechanism of anodic oxidation of tungsten in neutral sulphate-fluoride solutions. Journal of Solid State Electrochemistry, 2009, 13, 309-320. | 2.5 | 15 |
| 62 | Effect of chloride and sulfate additions on corrosion of low alloy steel in high-temperature water. Electrochimica Acta, 2015, 173, 757-770. | 5.2 | 15 |
| 63 | Oxidation model for construction materials in supercritical waterâ€”Estimation of kinetic and transport parameters. Corrosion Science, 2015, 100, 36-46. | 6.6 | 15 |
| 64 | Electrochemical behaviour of the passive tin electrode in H2SO4 solutions at very positive potentials. Journal of Electroanalytical Chemistry, 1993, 358, 177-191. | 3.8 | 14 |
| 65 | Composition, Structure, and Properties of Corrosion Layers on Ferritic and Austenitic Steels in Ultrasupercritical Water. Journal of the Electrochemical Society, 2006, 153, B464. | 2.9 | 14 |
| 66 | Nanoporous oxide formation by anodic oxidation of Nb in sulphateâ€“fluoride electrolytes. Journal of Solid State Electrochemistry, 2009, 13, 1215-1226. | 2.5 | 14 |
| 67 | Barrier oxide film vs. salt layer formation on bismuth in tartaric acid solutions. Electrochimica Acta, 1995, 40, 591-598. | 5.2 | 13 |
| 68 | Sealed lead/acid battery with auxiliary tungsten carbide electrodes. Journal of Power Sources, 1990, 31, 79-88. | 7.8 | 12 |
| 69 | Influence of pH on the anodic dissolution mechanism of Feâ€“Mo alloys in sulphate solutions. Electrochimica Acta, 1998, 44, 721-734. | 5.2 | 12 |
| 70 | Interfacial and bulk processes during oxide growth on titanium in ethylene glycol-based electrolytes. Journal of Solid State Electrochemistry, 2013, 17, 1271-1283. | 2.5 | 12 |
| 71 | Optimisation of the hot conditioning of carbon steel surfaces of primary heat transport system of Pressurized Heavy Water Reactors using electrochemical impedance spectroscopy. Journal of Nuclear Materials, 2010, 401, 46-54. | 2.7 | 11 |
| 72 | Estimation of kinetic parameters of the passive state of carbon steel in mildly alkaline solutions from electrochemical impedance spectroscopic and X-ray photoelectron spectroscopic data. Electrochimica Acta, 2011, 56, 5910-5918. | 5.2 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Electrochemical methods to study hydrogen production during interaction of copper with deoxygenated aqueous solution. Electrochimica Acta, 2016, 202, 333-344. | 5.2 | 11 |
| 74 | Influence of chloride on the long-term interaction of copper with deoxygenated neutral aqueous solutions. Corrosion Science, 2013, 76, 192-205. | 6.6 | 10 |
| 75 | Electrical properties of the barrier layer/solution interface and its role during breakdown of anodic bismuth oxide films. Electrochimica Acta, 1993, 38, 511-517. | 5.2 | 9 |
| 76 | Anodic film growth on antimony in H3PO4 solutions. Electrochimica Acta, 1995, 40, 873-878. | 5.2 | 9 |
| 77 | Photocurrent response of the passive film on iron in a high-temperature aqueous electrolyte. Electrochemistry Communications, 2002, 4, 222-226. | 4.7 | 9 |
| 78 | Role of surface reactions in the transpassive dissolution of ferrous alloys in concentrated H3PO4. Applied Surface Science, 2003, 220, 273-287. | 6.1 | 9 |
| 79 | Composition and conduction mechanism of the surface oxide film on Ni-based alloys in molten hydroxide. Applied Surface Science, 2005, 241, 459-470. | 6.1 | 9 |
| 80 | Corrosion Behavior of Carbon Steel Coated with Octadecylamine in the Secondary Circuit of a Pressurized Water Reactor. Journal of Materials Engineering and Performance, 2017, 26, 6037-6046. | 2.5 | 9 |
| 81 | Anodic oxidation of antimony at high overpotentials â€" formation of a barrier layer and klebelsbergite. Journal of Electroanalytical Chemistry, 1993, 346, 339-352. | 3.8 | 8 |
| 82 | Oxidation of toluene on Bi-doped PbO2 studied by electrochemical impedance spectroscopy and UV spectrophotometry. Journal of Solid State Electrochemistry, 2007, 11, 1613-1620. | 2.5 | 8 |
| 83 | Localized corrosion of pressure vessel steel in a boiling water reactor cladding flaw â€" modeling of electrochemical conditions and dedicated experiments. Electrochimica Acta, 2017, 241, 10-27. | 5.2 | 8 |
| 84 | Effect of lead and applied potential on corrosion of carbon steel in steam generator crevice solutions. Corrosion Science, 2019, 159, 108117. | 6.6 | 8 |
| 85 | Impedance of the Li Electrode in Liâ€‰/â€‰Li x MnO2 Accumulators at Openâ€Circuit Voltage. Journal of the Electrochemical Society, 1993, 140, 294-299. | 2.9 | 7 |
| 86 | Transpassive Dissolution Mechanism of Ni-Based Alloys in a Simulated Bleaching Solution. Journal of the Electrochemical Society, 2002, 149, B499. | 2.9 | 7 |
| 87 | In situ and ex situ characterisation of the passive film on a ferritic stainless steel in molten sodium hydroxide. Applied Surface Science, 2005, 249, 162-175. | 6.1 | 7 |
| 88 | Effect of Chloride on the Oxides on Low-Alloyed Steel in Conditions of a Light Water Reactor Pressure Vessel Cladding Flaw. Journal of the Electrochemical Society, 2014, 161, C177-C187. | 2.9 | 7 |
| 89 | Hydrogen generation during interaction of oxide covered copper with deoxygenated aqueous solution. Electrochimica Acta, 2018, 274, 143-151. | 5.2 | 7 |
| 90 | Modeling barrier film growth and dissolution on titanium based on EIS, XPS and photocurrent data. Electrochimica Acta, 2020, 344, 136137. | 5.2 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Corrosion of Alloy 690 in Simulated Steam Generator Crevices: Effect of Applied Potential, pH and Pb Addition. Journal of the Electrochemical Society, 2022, 169, 021502. | 2.9 | 7 |
| 92 | The antimony / klebelsbergite electrode. Journal of Electroanalytical Chemistry, 1994, 367, 195-204. | 3.8 | 6 |
| 93 | Technical Note:Detection of Soluble Species Released during Metal Corrosion in High-Temperature Aqueous Solutions. Corrosion, 2001, 57, 387-393. | 1.1 | 6 |
| 94 | Transpassive dissolution mechanism of ferrous alloys in phosphoric acid/acetic acid mixtures. Journal of Solid State Electrochemistry, 2005, 9, 154-167. | 2.5 | 5 |
| 95 | Barrier Layer Growth and Nanopore Initiation During Anodic Oxidation of Tungsten and Niobium. ECS Transactions, 2010, 25, 89-104. | 0.5 | 5 |
| 96 | Multi-Scale Modeling of the Initial Stages of Anodic Oxidation of Titanium. Journal of the Electrochemical Society, 2014, 161, E3188-E3195. | 2.9 | 5 |
| 97 | Effect of hydrazine on general corrosion of carbon and low-alloyed steels in pressurized water reactor secondary side water. Nuclear Engineering and Design, 2015, 295, 106-115. | 1.7 | 5 |
| 98 | A comparative study of hydrazine alternatives in simulated steam generator conditionsâ€"Oxygen reaction kinetics and interaction with carbon steel. Electrochimica Acta, 2021, 369, 137697. | 5.2 | 5 |
| 99 | Impedance measurements of the lead/sodium sulphate system: synthesis of a.c. analogue circuit. Journal of Power Sources, 1990, 30, 287-299. | 7.8 | 4 |
| 100 | Kinetics of the anodic oxidation of bismuth in glycolâ€"borate electrolyteâ€"a space charge approach. Electrochimica Acta, 1993, 38, 1061-1065. | 5.2 | 4 |
| 101 | Influence of molybdenum on the anodic dissolution of iron in acidic solutions. Journal of Applied Electrochemistry, 1996, 26, 939. | 2.9 | 4 |
| 102 | Corrosion of Copper in 1 M NaCl under Strictly Anoxic Conditions. Materials Research Society Symposia Proceedings, 2003, 807, 630. | 0.1 | 4 |
| 103 | Long-Term Interaction of Copper with a Deoxygenated Neutral Aqueous Solution. Journal of the Electrochemical Society, 2013, 160, C49-C58. | 2.9 | 4 |
| 104 | Corrosion Mechanism of Low-Alloyed Steel in High-Temperature Water: Effect of Additives and Time of Exposure. Journal of the Electrochemical Society, 2016, 163, C530-C538. | 2.9 | 4 |
| 105 | Effect of potential on dissociative adsorption of water on titanium assessed by density functional theory calculations. Computational Materials Science, 2020, 171, 109260. | 3.0 | 4 |
| 106 | Influence of ionic strength on hydrogen generation during interaction of copper with deoxygenated neutral solution. Corrosion Science, 2021, 188, 109552. | 6.6 | 4 |
| 107 | In situ characterisation of the oxidation of Ni in ultrasupercritical water. Electrochemistry Communications, 2006, 8, 311-316. | 4.7 | 3 |
| 108 | Interaction of metallic materials with simulated kraft digester white liquor â€“ Towards the electrochemical detection of sulphide. Journal of Electroanalytical Chemistry, 2011, 654, 52-59. | 3.8 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Deposition of molybdenum oxide in nanoporous titanium oxide template â€“ modified with â€“ composition, electrical and optical properties. Applied Surface Science, 2018, 448, 331-340. | 6.1 | 3 |
| 110 | Anodic oxide films on stainless steel as prospective photo-anodes for light-assisted electrochemical water splitting. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 429, 113953. | 3.9 | 3 |
| 111 | Re-passivation rate and conduction mechanism of surface film on copper in nitrite solutions. Corrosion Science, 2022, 205, 110447. | 6.6 | 3 |
| 112 | Electrochemical and surface analytical study of the anodic oxidation of Feâ€“18% Cr steel in molten NaOHâ€“Li2CO3 mixtures. Materials Letters, 2005, 59, 2479-2483. | 2.6 | 2 |
| 113 | Effect of sulfate and dissolved hydrogen on oxide films on stainless steel in high-temperature water. Journal of Solid State Electrochemistry, 2017, 21, 3505-3518. | 2.5 | 2 |
| 114 | Parameterization and Extension of a Model of Oxide Growth by a Multi-Method Approach. Journal of the Electrochemical Society, 2021, 168, 031502. | 2.9 | 2 |
| 115 | Characterization and Modeling of Anodic Oxide Films on a Ti Alloy in Fluoride-Containing Electrolyte. Journal of the Electrochemical Society, 2020, 167, 121506. | 2.9 | 2 |
| 116 | Oxidation Parameters of Oxide Dispersion-Strengthened Steels in Supercritical Water. Journal of Nuclear Engineering and Radiation Science, 2016, 2, . | 0.4 | 1 |
| 117 | Identification of key parameters of magnetite deposition on steam generator surfacesâ€”Modeling and preliminary experiments. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124239. | 4.7 | 1 |
| 118 | Interaction of Oxide Layers on Structural Materials with Light Water Reactor Coolants - its influence on the mechanism of oxide growth and restructuring. , 2006, , 431-436. | | 1 |
| 119 | Transpassive dissolution of ferritic steels in a molten salt electrolyte. Electrochemistry Communications, 2004, 6, 1206-1211. | 4.7 | 0 |
| 120 | Passive film growth and oxide layer restructuring on stainless steel in a high-temperature borate electrolyte. , 2006, , 397-402. | | 0 |
| 121 | EIS Investigations of Transpassive Dissolution of Ferritic Steels in Aqueous and Molten Electrolytes. ECS Transactions, 2006, 2, 63-72. | 0.5 | 0 |
| 122 | Composition and Properties of Oxide Films on a Ferriti Steel and a Nickel-Based Alloy in Molten Hydroxide - Carbonate Electrolytes. ECS Transactions, 2006, 3, 429-438. | 0.5 | 0 |
| 123 | Development of a rapid screening test for SCC susceptibility of copper in disposal vault conditions. Materials Research Society Symposia Proceedings, 2006, 932, 1. | 0.1 | 0 |
| 124 | Influence of Additives on the Transpassive Dissolution of Ferritic Steels in Phosphoric Acid-Acetic Acid Electrolytes. ECS Transactions, 2008, 11, 43-52. | 0.5 | 0 |
| 125 | Effect of temperature and melt composition on the passivity of a Ni-10%Cr alloy in a molten electrolyte. , 2006, , 59-64. | | 0 |
| 126 | (Invited) Multiscale Modelling of Titanium Oxide Growth and Dissolution in Fluoride-Containing Electrolytes. ECS Meeting Abstracts, 2020, MA2020-02, 1259-1259. | 0.0 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Nano-porous TiO2 electrochemically doped with Mo oxide â€“ Composition, electrochemical and photo-electrochemical properties. Materials Chemistry and Physics, 2022, 285, 126139. | 4.0 | 0 |