Michael Brady

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | High temperature oxidation of fuel cladding candidate materials in steam–hydrogen environments. Journal of Nuclear Materials, 2013, 440, 420-427. | 2.7 | 363 |
| 2 | Creep-Resistant, Al2O3-Forming Austenitic Stainless Steels. Science, 2007, 316, 433-436. | 12.6 | 337 |
| 3 | Physical metallurgy and mechanical properties of transition-metal Laves phase alloys. Intermetallics, 2000, 8, 1119-1129. | 3.9 | 198 |
| 4 | The oxidation and protection of gamma titanium aluminides. Jom, 1996, 48, 46-50. | 1.9 | 177 |
| 5 | Alloy design strategies for promoting protective oxide-scale formation. Jom, 2000, 52, 16-21. | 1.9 | 174 |
| 6 | Preferential thermal nitridation to form pin-hole free Cr-nitrides to protect proton exchange membrane fuel cell metallic bipolar plates. Scripta Materialia, 2004, 50, 1017-1022. | 5.2 | 168 |
| 7 | Oxidation of fuel cladding candidate materials in steam environments at high temperature and pressure. Journal of Nuclear Materials, 2012, 427, 396-400. | 2.7 | 145 |
| 8 | Thermally nitrided stainless steels for polymer electrolyte membrane fuel cell bipolar plates. Journal of Power Sources, 2004, 138, 79-85. | 7.8 | 142 |
| 9 | Alumina-Forming Austenitic Stainless Steels Strengthened by Laves Phase and MC Carbide Precipitates. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2007, 38, 2737-2746. | 2.2 | 139 |
| 10 | The development of alumina-forming austenitic stainless steels for high-temperature structural use. Jom, 2008, 60, 12-18. | 1.9 | 136 |
| 11 | Composition, Microstructure, and Water Vapor Effects on Internal/External Oxidation of Alumina-Forming Austenitic Stainless Steels. Oxidation of Metals, 2009, 72, 311-333. | 2.1 | 134 |
| 12 | Effects of minor alloy additions and oxidation temperature on protective alumina scale formation in creep-resistant austenitic stainless steels. Scripta Materialia, 2007, 57, 1117-1120. | 5.2 | 132 |
| 13 | Overview of Strategies for High-Temperature Creep and Oxidation Resistance of Alumina-Forming Austenitic Stainless Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2011, 42, 922-931. | 2.2 | 131 |
| 14 | Alloying effects on creep and oxidation resistance of austenitic stainless steel alloys employing intermetallic precipitates. Intermetallics, 2008, 16, 453-462. | 3.9 | 130 |
| 15 | Film Breakdown and Nano-Porous Mg(OH) ₂ Formation from Corrosion of Magnesium Alloys in Salt Solutions. Journal of the Electrochemical Society, 2015, 162, C140-C149. | 2.9 | 128 |
| 16 | Thermally nitrided stainless steels for polymer electrolyte membrane fuel cell bipolar plates. Journal of Power Sources, 2004, 138, 86-93. | 7.8 | 120 |
| 17 | Transmission Electron Microscopy Study of Aqueous Film Formation and Evolution on Magnesium Alloys. Journal of the Electrochemical Society, 2014, 161, C302-C311. | 2.9 | 111 |
| 18 | Co-optimization of wrought alumina-forming austenitic stainless steel composition ranges for high-temperature creep and oxidation/corrosion resistance. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 590, 101-115. | 5.6 | 109 |

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Microstructure and Residual Stress of Alumina Scale Formed on Ti2AlC at High Temperature in Air. Oxidation of Metals, 2007, 68, 97-111. | 2.1 | 102 |
| 20 | The role of Cr in promoting protective alumina scale formation by γ-based Ti_Al_Cr alloys— II. Oxidation behavior in air. Acta Materialia, 1997, 45, 2371-2382. | 7.9 | 100 |
| 21 | Development of L12-ordered Ni3(Al,Ti)-strengthened alumina-forming austenitic stainless steel alloys. Scripta Materialia, 2013, 69, 816-819. | 5.2 | 99 |
| 22 | Growth of Cr-Nitrides on commercial Ni–Cr and Fe–Cr base alloys to protect PEMFC bipolar plates. International Journal of Hydrogen Energy, 2007, 32, 3778-3788. | 7.1 | 98 |
| 23 | The role of Cr in promoting protective alumina scale formation by γ-based Ti_Al_Cr alloys—I. Compatibility with alumina and oxidation behavior in oxygen. Acta Materialia, 1997, 45, 2357-2369. | 7.9 | 97 |
| 24 | Effect of Alloying Additions on Phase Equilibria and Creep Resistance of Alumina-Forming Austenitic Stainless Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2009, 40, 1868-1880. | 2.2 | 97 |
| 25 | Corrosion behavior of CrN, Cr2N and π phase surfaces on nitrided Ni–50Cr for proton exchange membrane fuel cell bipolar plates. Corrosion Science, 2006, 48, 3157-3171. | 6.6 | 92 |
| 26 | Increasing the Upper Temperature Oxidation Limit of Alumina Forming Austenitic Stainless Steels in Air with Water Vapor. Oxidation of Metals, 2011, 75, 337-357. | 2.1 | 85 |
| 27 | Assessment of Thermal Nitridation to Protect Metal Bipolar Plates in Polymer Electrolyte Membrane Fuel Cells. Electrochemical and Solid-State Letters, 2002, 5, A245. | 2.2 | 74 |
| 28 | Degradation of SS316L bipolar plates in simulated fuel cell environment: Corrosion rate, barrier film formation kinetics and contact resistance. Journal of Power Sources, 2015, 273, 1237-1249. | 7.8 | 69 |
| 29 | Modern data analytics approach to predict creep of high-temperature alloys. Acta Materialia, 2019, 168, 321-330. | 7.9 | 69 |
| 30 | Corrosion of aluminaâ€forming austenitic steel in molten nitrate salts by gravimetric analysis and impedance spectroscopy. Materials and Corrosion - Werkstoffe Und Korrosion, 2014, 65, 267-275. | 1.5 | 64 |
| 31 | The formation of protective nitride surfaces for PEM fuel cell metallic bipolar plates. Jom, 2006, 58, 50-57. | 1.9 | 62 |
| 32 | Aging effects on the mechanical properties of alumina-forming austenitic stainless steels. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 2079-2086. | 5.6 | 61 |
| 33 | Thin film surface modifications of thin/tunable liquid/gas diffusion layers for high-efficiency proton exchange membrane electrolyzer cells. Applied Energy, 2017, 206, 983-990. | 10.1 | 58 |
| 34 | Evaluation of Mn substitution for Ni in alumina-forming austenitic stainless steels. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 524, 176-185. | 5.6 | 56 |
| 35 | Electrochemical investigation of stainless steel corrosion in a proton exchange membrane electrolyzer cell. International Journal of Hydrogen Energy, 2015, 40, 12506-12511. | 7.1 | 54 |
| 36 | Alloy design of intermetallics for protective scale formation and for use as precursors for complex ceramic phase surfaces. Intermetallics, 2004, 12, 779-789. | 3.9 | 53 |

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|----|---|-----|-----------|
| 37 | Developing titanium micro/nano porous layers on planar thin/tunable LGDLs for high-efficiency hydrogen production. International Journal of Hydrogen Energy, 2018, 43, 14618-14628. | 7.1 | 52 |
| 38 | A low-Cr metallic interconnect for intermediate-temperature solid oxide fuel cells. Journal of Power Sources, 2007, 172, 775-781. | 7.8 | 51 |
| 39 | Evaluation of nitrided titanium separator plates for proton exchange membrane electrolyzer cells. Journal of Power Sources, 2014, 272, 954-960. | 7.8 | 51 |
| 40 | Oxidation resistance and mechanical properties of Laves phase reinforced Cr in-situ composites. Intermetallics, 2000, 8, 1111-1118. | 3.9 | 50 |
| 41 | Microstructure of alumina-forming oxidation resistant Al-Ti-Cr alloys. Scripta Metallurgica Et Materialia, 1995, 32, 1659-1664. | 1.0 | 46 |
| 42 | Thermodynamics of Selected Ti-Al and Ti-Al-Cr Alloys. Oxidation of Metals, 1999, 52, 537-556. | 2.1 | 45 |
| 43 | Protective nitride formation on stainless steel alloys for proton exchange membrane fuel cell bipolar plates. Journal of Power Sources, 2007, 174, 228-236. | 7.8 | 45 |
| 44 | Pre-oxidized and nitrided stainless steel alloy foil for proton exchange membrane fuel cell bipolar plates: Part 1. Corrosion, interfacial contact resistance, and surface structure. Journal of Power Sources, 2010, 195, 5610-5618. | 7.8 | 41 |
| 45 | Long-Term Oxidation of Candidate Cast Iron and Stainless Steel Exhaust System Alloys from 650 to 800ŰC in Air with Water Vapor. Oxidation of Metals, 2014, 82, 359-381. | 2.1 | 37 |
| 46 | A phosphoric acid surface treatment for improved oxidation resistance of gamma titanium aluminides. Intermetallics, 1998, 6, 335-337. | 3.9 | 36 |
| 47 | Manufacturing and performance assessment of stamped, laser welded, and nitrided FeCrV stainless steel bipolar plates for proton exchange membrane fuel cells. International Journal of Hydrogen Energy, 2013, 38, 4734-4739. | 7.1 | 34 |
| 48 | Performance of chromia- and alumina-forming Fe- and Ni-base alloys exposed to metal dusting environments: The effect of water vapor and temperature. Corrosion Science, 2015, 92, 58-68. | 6.6 | 32 |
| 49 | Insights from a Recent Meeting: Current Status and Future Directions in Magnesium Corrosion Research. Corrosion, 2017, 73, 452-462. | 1.1 | 32 |
| 50 | Effects of Fe additions on the mechanical properties and oxidation behavior of CrTa Laves phase reinforced Cr. Scripta Materialia, 2005, 52, 815-819. | 5.2 | 30 |
| 51 | Comparison of Oxidation Behavior and Electrical Properties of Doped NiO- and Cr2O3-Forming Alloys for Solid-Oxide, Fuel-Cell Metallic Interconnects. Oxidation of Metals, 2006, 65, 237-261. | 2.1 | 30 |
| 52 | Tracer Film Growth Study of Hydrogen and Oxygen from the Corrosion of Magnesium in Water. Journal of the Electrochemical Society, 2014, 161, C395-C404. | 2.9 | 30 |
| 53 | The corrosion and passivity of sputtered Mg–Ti alloys. Corrosion Science, 2016, 104, 36-46. | 6.6 | 27 |
| 54 | Advanced characterization study of commercial conversion and electrocoating structures on magnesium alloys AZ31B and ZE10A. Surface and Coatings Technology, 2016, 294, 164-176. | 4.8 | 25 |

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|----|--|-----|-----------|
| 55 | Oxidation Behavior of Cr ₂ N, CrNbN, and CrTaN Phase Mixtures Formed on Nitrided Cr and Laves-Reinforced Cr Alloys. Oxidation of Metals, 2004, 61, 379-401. | 2.1 | 24 |
| 56 | Study on corrosion migrations within catalyst-coated membranes of proton exchangeÂmembrane electrolyzer cells. International Journal of Hydrogen Energy, 2017, 42, 27343-27349. | 7.1 | 24 |
| 57 | Service Limitations for Oxidation Resistant Intermetallic Compounds. Materials Research Society Symposia Proceedings, 1994, 364, 1273. | 0.1 | 23 |
| 58 | Wet oxidation of stainless steels: New insights into hydrogen ingress. Corrosion Science, 2011, 53, 1633-1638. | 6.6 | 22 |
| 59 | Corrosion of stainless steels in the riser during co-processing of bio-oils in a fluid catalytic cracking pilot plant. Fuel Processing Technology, 2017, 159, 187-199. | 7.2 | 22 |
| 60 | Pre-oxidized and nitrided stainless steel alloy foil for proton exchange membrane fuel cell bipolar plates. Part 2: Single-cell fuel cell evaluation of stamped plates. Journal of Power Sources, 2010, 195, 5619-5627. | 7.8 | 21 |
| 61 | Development of Cast Alumina-Forming Austenitic Stainless Steels. Jom, 2016, 68, 2803-2810. | 1.9 | 21 |
| 62 | Development of 1100°C Capable Alumina-Forming Austenitic Alloys. Oxidation of Metals, 2017, 87, 1-10. | 2.1 | 21 |
| 63 | Oxidation Behavior of Two-Phase \hat{I}^3 + $\hat{I}f$ Nb-Ti-Al Alloys. Oxidation of Metals, 1999, 51, 539-556. | 2.1 | 19 |
| 64 | Characterization of erosion and failure processes of spark plugs after field service in natural gas engines. Wear, 2005, 259, 1063-1067. | 3.1 | 19 |
| 65 | Tracer Film Growth Study of the Corrosion of Magnesium Alloys AZ31B and ZE10A in 0.01% NaCl Solution. Journal of the Electrochemical Society, 2017, 164, C367-C375. | 2.9 | 19 |
| 66 | The Effects of Water Vapor on the Oxidation Behavior of Alumina Forming Austenitic Stainless Steels. Oxidation of Metals, 2015, 84, 541-565. | 2.1 | 18 |
| 67 | Corrosion Susceptibility of Cr–Mo Steels and Ferritic Stainless Steels in Biomass-Derived Pyrolysis Oil Constituents. Energy & Fuels, 2020, 34, 6220-6228. | 5.1 | 18 |
| 68 | Nitrogen impurity gettering in oxide dispersion ductilized chromium. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 358, 243-254. | 5.6 | 16 |
| 69 | Corrosion Considerations for Thermochemical Biomass Liquefaction Process Systems in Biofuel Production. Jom, 2014, 66, 2583-2592. | 1.9 | 16 |
| 70 | Mechanical and Corrosion Assessment of Friction Self-Piercing Rivet Joint of Carbon Fiber-Reinforced Polymer and Magnesium Alloy AZ31B. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, . | 2.2 | 16 |
| 71 | Chromium evaporation and oxidation characteristics of alumina-forming austenitic stainless steels for balance of plant applications in solid oxide fuel cells. International Journal of Hydrogen Energy, 2021, 46, 21619-21633. | 7.1 | 15 |
| 72 | Evaluation of Alumina-Forming Austenitic Foil for Advanced Recuperators. Journal of Engineering for Gas Turbines and Power, 2011, 133, . | 1.1 | 14 |

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|----|---|------|-----------|
| 73 | Rapid Diffusion and Nanosegregation of Hydrogen in Magnesium Alloys from Exposure to Water. ACS Applied Materials & Interfaces, 2017, 9, 38125-38134. | 8.0 | 14 |
| 74 | Coating and near-surface modification design strategies for protective and functional surfaces. Materials and Corrosion - Werkstoffe Und Korrosion, 2005, 56, 748-755. | 1.5 | 13 |
| 75 | Study of galvanic corrosion and mechanical joint properties of AZ31B and carbon-fiber–reinforced polymer joined by friction self-piercing riveting. Journal of Magnesium and Alloys, 2022, 10, 400-410. | 11.9 | 13 |
| 76 | Synthesis of Ternary Nitrides from Intermetallic Precursors:  Modes of Nitridation in Model Cr3Pt Alloys To Form Cr3PtN Antiperovskite and Application to Other Systems. Chemistry of Materials, 2004, 16, 1984-1990. | 6.7 | 12 |
| 77 | Metal dusting of ferritic Fe–Ge in the absence of cementite. Scripta Materialia, 2007, 56, 281-284. | 5.2 | 12 |
| 78 | Alloy Corrosion Considerations in Low-Cost, Clean Biomass Cookstoves for the Developing World. Energy for Sustainable Development, 2017, 37, 20-32. | 4.5 | 12 |
| 79 | Magnesium Alloy Effects on Plasma Electrolytic Oxidation Electro-Ceramic and Electro-Coat Formation and Corrosion Resistance. Journal of the Electrochemical Society, 2019, 166, C492-C508. | 2.9 | 12 |
| 80 | Approaches to investigate the role of chelation in the corrosivity of biomass-derived oils. Biomass and Bioenergy, 2020, 133, 105446. | 5.7 | 12 |
| 81 | Correlation of alloy microstructure with oxidation behavior in chromia-forming intermetallic-reinforced Cr alloys. Materials at High Temperatures, 2000, 17, 235-243. | 1.0 | 12 |
| 82 | Templated growth of a complex nitride island dispersion through an internal nitridation reaction. Journal of Materials Research, 2001, 16, 2784-2787. | 2.6 | 11 |
| 83 | Effects of Fe on the oxidation/internal nitridation behavior and tensile properties of Cr and oxide dispersion ductilized Cr. Scripta Materialia, 2005, 52, 809-814. | 5.2 | 11 |
| 84 | Small-angle neutron scattering study of the wet and dry high-temperature oxidation of alumina- and chromia-forming stainless steels. Corrosion Science, 2012, 58, 121-132. | 6.6 | 11 |
| 85 | On the transition to protective alumina formation at high temperature in Nb-Ti-Al alloys. Scripta Metallurgica Et Materialia, 1993, 28, 115-120. | 1.0 | 10 |
| 86 | Microstructure/Oxidation/Microhardness Correlations in γ-Based And ツ-Based Ai-Ti-Cr Alloys. Materials Research Society Symposia Proceedings, 1994, 364, 1309. | 0.1 | 10 |
| 87 | Title is missing!. Oxidation of Metals, 2002, 58, 297-318. | 2.1 | 10 |
| 88 | Sulfidation–Oxidation Behavior of FeCrAl and TiCrAl and the Third-Element Effect. Oxidation of Metals, 2010, 74, 1-9. | 2.1 | 10 |
| 89 | Comparison of Short-Term Oxidation Behavior of Model and Commercial Chromia-Forming Ferritic Stainless Steels in Dry and Wet Air. Oxidation of Metals, 2012, 78, 1-16. | 2.1 | 10 |
| 90 | The impact of carbon coating on the synthesis and properties of α′′-Fe16N2 powders. Physical Chemistry Chemical Physics, 2016, 18, 13010-13017. | 2.8 | 10 |

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|-----|---|-----|-----------|
| 91 | On the improvement of the ductility of molybdenum by spinel (MgAl ₂ O ₄) particles. International Journal of Materials Research, 2005, 96, 632-637. | 0.8 | 9 |
| 92 | 9 T high magnetic field annealing effects on FeN bulk sample. Journal of Applied Physics, 2014, 115, 17A758. | 2.5 | 9 |
| 93 | Tracer study of oxygen and hydrogen uptake by Mg alloys in air with water vapor. Scripta Materialia, 2015, 106, 38-41. | 5.2 | 8 |
| 94 | Role of Cr Content in Microstructure, Creep, and Oxidation Resistance of Alumina-Forming Austenitic Alloys at 850–900 °C. Metals, 2022, 12, 717. | 2.3 | 8 |
| 95 | Modification of Microstructure for Improved Oxidation Resistance in Î ³ -Based Ti-Al-X Alloys. Materials and Manufacturing Processes, 1996, 11, 635-653. | 4.7 | 7 |
| 96 | Feasibility assessment of self-grading metallic bond coat alloys for EBCs/TBCs to protect Si-Based ceramics. Scripta Materialia, 2005, 52, 393-397. | 5.2 | 6 |
| 97 | Nitridation of a Super-Ferritic Stainless Steel for PEMFC Bipolar Plate. ECS Transactions, 2007, 11, 1461-1471. | 0.5 | 6 |
| 98 | Modeling the effect of water vapor on the interfacial behavior of high-temperature air in contact with Fe20Cr surfaces. Scripta Materialia, 2011, 64, 1027-1030. | 5.2 | 6 |
| 99 | Effect of Mo dispersion size and water vapor on oxidation of two-phase directionally solidified NiAl–9Mo in-situ composites. Scripta Materialia, 2014, 80, 33-36. | 5.2 | 6 |
| 100 | Field and Laboratory Evaluations of Commercial and Next-Generation Alumina-Forming Austenitic Foil for Advanced Recuperators. Journal of Engineering for Gas Turbines and Power, 2016, 138, . | 1.1 | 6 |
| 101 | Characterization of Localized Filament Corrosion Products at the Anodic Head on a Model Mg-Zn-Zr Alloy Surface. Corrosion, 2017, 73, 518-525. | 1.1 | 6 |
| 102 | Development of Creep-Resistant, Alumina-Forming Ferrous Alloys for High-Temperature Structural Use. , 2018, , . | | 6 |
| 103 | Uncertainty Quantification of Machine Learning Predicted Creep Property of Alumina-Forming Austenitic Alloys. Jom, 2021, 73, 164-173. | 1.9 | 6 |
| 104 | Corrosion of Ferrous Structural Alloys in Biomass Derived Fuels and Organic Acids. Energy & Fuels, 2021, 35, 12175-12186. | 5.1 | 6 |
| 105 | Measuring oxygen solubility in Ni grains and boundaries after oxidation using atom probe tomography. Scripta Materialia, 2022, 210, 114411. | 5.2 | 6 |
| 106 | Alumina-Forming Austenitic Alloys for Advanced Recuperators. , 2007, , . | | 5 |
| 107 | Temporal Evolution of Corrosion Film Nano-Porosity and Magnesium Alloy Hydrogen Penetration in NaCl Solution. Journal of the Electrochemical Society, 2020, 167, 131513. | 2.9 | 5 |
| 108 | Compatibility of Alumina-Forming Austenitic Steels in Static and Flowing Pb. Jom, 2021, 73, 4016-4022. | 1.9 | 5 |

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|-----|--|-----|-----------|
| 109 | Long Term Oxidation of Model and Engineering TiAl Alloys. Materials Research Society Symposia Proceedings, 2000, 646, 444. | 0.1 | 4 |
| 110 | Development of Alumina-Forming Austenitic Alloys for Solid Oxide Fuel Cell Balance of Plant Components. ECS Meeting Abstracts, 2021, MA2021-01, 794-794. | 0.0 | 4 |
| 111 | Interdiffusion in γ (face-centered cubic) Ni-Cr-X (X=Al, Si, Ge, or Pd) alloys at 900 °C. Journal of Phase Equilibria and Diffusion, 2006, 27, 665-670. | 1.4 | 3 |
| 112 | Development of Alumina-Forming Austenitic Alloys for Advanced Recuperators. , 2009, , . | | 3 |
| 113 | Evaluation of Commercial and Next Generation Alumina-Forming Austenitic Foil for Advanced Recuperators. , 2013, , . | | 3 |
| 114 | Degradation of Components After Exposure in a Biomass Pyrolysis System. Corrosion, 2019, 75, 1136-1145. | 1.1 | 3 |
| 115 | Creep Behavior and Phase Equilibria in Model Precipitate Strengthened Alumina-Forming Austenitic Alloys. Jom, 2022, 74, 1453-1468. | 1.9 | 3 |
| 116 | The effect of nitrogen on the oxidation behavior of 25Nbî—,25Tiî—,50Al. Scripta Metallurgica Et Materialia, 1992, 26, 767-770. | 1.0 | 2 |
| 117 | Evaluation of Commercial Alumina-Forming Austenitic Foil for Advanced Recuperators. , 2011, , . | | 2 |
| 118 | Interdiffusion in γ (Face-Centered Cubic) Ni-Cr- <i>X</i> (<i>X</i> = Al, Si, Ge, or Pd) Alloys at 900 °C. Journal of Phase Equilibria and Diffusion, 2006, 27, 665-670. | 1.4 | 2 |
| 119 | Micromachining of bipolar plates used in proton exchange membrane fuel cells. International Journal of Manufacturing Technology and Management, 2008, 13, 124. | 0.1 | 1 |
| 120 | Elastic and Plastic Properties of Gamma + Laves Phase In-situ Composite Alloys Using Nanoindentation Techniques. Materials Research Society Symposia Proceedings, 1998, 552, 1. | 0.1 | 0 |
| 121 | Machining of proton exchange membrane fuel cells using micromilling tools. , 0, , . | | 0 |
| 122 | Characterization and Mitigation of Spark Plug Electrode Erosion in Natural Gas and Automotive Engine Applications. , 2007, , 675. | | 0 |
| 123 | Design strategies for oxidation-resistant intermetallic and advanced metallic alloys. , 2008, , 3-18. | | 0 |
| 124 | Corrosion as a nanostructure synthesis strategy. Jom, 2010, 62, 31-31. | 1.9 | 0 |
| 125 | Intro to Special Issue. International Journal of Hydrogen Energy, 2011, 36, 4518-4518. | 7.1 | 0 |
| 126 | Field and Laboratory Evaluations of Commercial and Next Generation Alumina-Forming Austenitic Foil for Advanced Recuperators. , 2015, , . | | 0 |

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| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Surface Oxide Nanopillars Formed by Atmospheric Plasma. Microscopy and Microanalysis, 2019, 25, 754-755. | 0.4 | 0 |
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128 Evaluation of Alumina-Forming Austenitic Foil for Advanced Recuperators. , 2010, , .