

Hiroki Habazaki

List of PR Articles by Year in descending order

Source: [//exaly.com/author-pdf/5828449/publications.pdf](https://exaly.com/author-pdf/5828449/publications.pdf)

Version: 2025-02-01

554

PR articles

14,863

PR citations

15014

57

PR h-index

12392

119

g-index

575

documents

16122

doc citations

15555

61

h-index

9291

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Brownmillerite-Type $\text{Ca}_{2-x}\text{FeCoO}_{5-x}$ Ultrathin Layers as Anodic Catalysts for Water Electrolysis. <i>ACS Applied Nano Materials</i> , 2025, 8, 223-232.	5.3	3
2	Topochemical Transformation from Protonic to Hydride-ionic Phase in $\text{BaSn}_{1-x}\text{In}_x\text{O}_{3-0.5x}$ Perovskites. <i>Chemistry of Materials</i> , 2025, 37, 1111-1122.	6.8	5
3	Thiosulfate species promoting hydrogen evolution reaction at the heterointerface of Ir clusters-loaded WS_2 nanosheets. <i>Chemical Communications</i> , 2025, 61, 5114-5117.	3.9	0
4	Controlling Dielectric Film Defects to Increase the Breakdown Voltage of Conductive Polymer Solid Capacitors. <i>ACS Applied Materials & Interfaces</i> , 2024, 16, 1737-1748.	8.0	14
5	Vanadium Nitride Is an Efficient Hydrogen-Diffusive Cathode for Green Ammonia Electrochemical Synthesis by Protonic Solid Oxide Electrolysis Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2024, 12, 2100-2109.	7.1	6
6	Unveiling the Origin of Fast Hydride Ion Diffusion at Grain Boundaries in Nanocrystalline TiN Membranes. <i>ACS Omega</i> , 2024, 9, 13738-13745.	4.3	1
7	Facile synthesis approach of bifunctional CoNiFe oxyhydroxide and spinel oxide composite electrocatalysts from hydroxide and layered double hydroxide composite precursors. <i>RSC Advances</i> , 2023, 13, 10681-10692.	4.4	9
8	Sustainable high-energy aqueous zinc-manganese dioxide batteries enabled by stress-governed metal electrodeposition and fast zinc diffusivity. <i>Energy and Environmental Science</i> , 2023, 16, 2133-2141.	30.6	75
9	Structure and Electric Properties of Anodized Aluminum with PEDOT:PSS Conductive Polymer Cathode. <i>ECS Journal of Solid State Science and Technology</i> , 2023, 12, 073002.	2.1	6
10	Liquid phase epitaxy of CuGaO_2 on GaN: P heterostructure for photocatalytic water splitting. <i>Energy Advances</i> , 2023, 2, 1495-1499.	4.2	2
11	High strength hydrogels enable dendrite-free Zn metal anodes and high-capacity ZnMnO_2 batteries via a modified mechanical suppression effect. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3122-3133.	9.3	40
12	High-corrosion-resistance mechanism of graphitized platelet-type carbon nanofibers in the OER in a concentrated alkaline electrolyte. <i>Journal of Materials Chemistry A</i> , 2022, 10, 8208-8217.	9.3	29
13	Enhanced Performance of Protonic Solid Oxide Steam Electrolysis Cell of Zr-Rich Side $\text{BaZr}_{0.6}\text{Ce}_{0.2}\text{Y}_{0.2}\text{O}_{3-\delta}$ Electrolyte with an Anode Functional Layer. <i>ACS Omega</i> , 2022, 7, 9944-9950.	4.3	10
14	Raman and glow discharge optical emission spectroscopy studies on structure and anion incorporation properties of a hydrated alumina film on aluminum. <i>Applied Surface Science</i> , 2022, 592, 153321.	6.7	7
15	Brownmillerite-type $\text{Ca}_2\text{Fe}_{0.75}\text{Co}_{1.25}\text{O}_5$ as a robust electrocatalyst for the oxygen evolution reaction under neutral conditions. <i>Sustainable Energy and Fuels</i> , 2022, 6, 2709-2717.	4.0	8
16	Design of anode functional layers for protonic solid oxide electrolysis cells. <i>Journal of Materials Chemistry A</i> , 2022, 10, 15719-15730.	9.3	24
17	High Strength Hydrogel Enables Dendrite-Free Zn Metal Anodes and High-Capacity Zn-MnO_2 Batteries. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 560-560.	0.0	0
18	Barium Indate-Zirconate Perovskite Oxyhydride with Enhanced Hydride Ion/Electron Mixed Conductivity. <i>Chemistry of Materials</i> , 2022, 34, 7389-7401.	6.8	19

#	ARTICLE	IF	PR CITATIONS
19	Functionality of the Cathode Electrolyte Interlayer in Protonic Solid Oxide Fuel Cells. ACS Applied Energy Materials, 2022, 5, 12227-12238.	5.4	20
20	Pd-Rh Alloyed Nanoparticles on Zeolite Imidazolid Framework-67 for Methyl Orange Degradation. ACS Applied Nano Materials, 2022, 5, 16231-16241.	5.3	9
21	La _{0.8} Sr _{0.2} Co _{1-x} Ni _x O _{3-δ} as the Efficient Triple Conductor Air Electrode for Protonic Ceramic Cells. ACS Applied Energy Materials, 2021, 4, 554-563.	5.4	63
22	The effect of an anode functional layer on the steam electrolysis performances of protonic solid oxide cells. Journal of Materials Chemistry A, 2021, 9, 14032-14042.	9.3	37
23	In Situ Activation of a Manganese Perovskite Oxygen Reduction Catalyst in Concentrated Alkaline Media. Journal of the American Chemical Society, 2021, 143, 6505-6515.	15.1	38
24	(Invited) Highly Active OER Electrodes Derived from Fe-Doped Ni Oxyfluoride Formed by Anodizing of NiFe Electrodeposits. ECS Meeting Abstracts, 2021, MA2021-01, 1906-1906.	0.0	0
25	Fabrication of Mushroom-Like Nanostructures on Stainless Steel Surface by Combination of Heat Treatment and Electrochemical Etching. Materials Transactions, 2021, 62, 836-845.	1.1	1
26	Pd nanoparticles on zeolite imidazolid framework-8: Preparation, characterization, and evaluation of fixed-bed hydrogenation activity toward isomeric nitrophenols. Colloids and Interface Science Communications, 2021, 43, 100446.	4.4	4
27	Highly Active and Durable FeNiCo Oxyhydroxide Oxygen Evolution Reaction Electrocatalysts Derived from Fluoride Precursors. ACS Sustainable Chemistry and Engineering, 2021, 9, 9465-9473.	7.1	24
28	Metal/Oxide Heterojunction Boosts Fuel Cell Cathode Reaction at Low Temperatures. Advanced Energy Materials, 2021, 11, .	22.4	25
29	Formation of Mobile Hydridic Defects in Zirconium Nitride Films with n-Type Semiconductor Properties. ACS Applied Electronic Materials, 2021, 3, 3980-3989.	4.6	8
30	Synthesis of Sn@SnO ₂ core-shell microcapsules by a self-oxidation strategy for medium temperature thermal storage. Chemical Engineering Journal, 2021, 420, 129906.	12.0	45
31	Slippery Liquid-Infused Porous Surfaces on Aluminum for Corrosion Protection with Improved Self-Healing Ability. ACS Applied Materials & Interfaces, 2021, 13, 45089-45096.	8.0	34
32	Fabrication of superhydrophobic copper metal nanowire surfaces with high thermal conductivity. Applied Surface Science, 2021, 537, 147854.	6.7	37
33	Unveiling the Role of Al ₂ O ₃ Interlayer in Indium-Gallium-Zinc Oxide Transistors. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, .	1.5	12
34	A lithiophilic carbon scroll as a Li metal host with low tortuosity design and Dead Li self-cleaning capability. Journal of Materials Chemistry A, 2021, 9, 13332-13343.	9.3	21
35	Honeycomb carbon fibers strengthened composite phase change materials for superior thermal energy storage. Applied Thermal Engineering, 2020, 164, 114493.	6.6	124
36	Enhanced thermal performance of phase change material stabilized with textile-structured carbon scaffolds. Solar Energy Materials and Solar Cells, 2020, 205, 110241.	6.1	45

#	ARTICLE	IF	PR CITATIONS
37	Fluorine-Free Slippery Liquid-Infused Porous Surfaces Prepared Using Hierarchically Porous Aluminum. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, .	1.5	15
38	Proton Pumping Boosts Energy Conversion in Hydrogen-Permeable Metal-Supported Protonic Fuel Cells. <i>ACS Applied Energy Materials</i> , 2020, 3, 1222-1234.	5.4	27
39	Anisotropically enhanced heat transfer properties of phase change material reinforced by graphene-wrapped carbon fibers. <i>Solar Energy Materials and Solar Cells</i> , 2020, 206, 110280.	6.1	41
40	Formation of quasi-spherical Au ₄₈₋₁₉₈ clusters in anodic titania nanotubes grown on Ti-Au alloys. <i>Electrochemistry Communications</i> , 2020, 120, 106847.	3.9	3
41	A widely applicable strategy to convert fabrics into lithiophilic textile current collector for dendrite-free and high-rate capable lithium metal anode. <i>Chemical Engineering Journal</i> , 2020, 388, 124256.	12.0	30
42	In Situ Activation of Anodized Ni-Fe Alloys for the Oxygen Evolution Reaction in Alkaline Media. <i>ACS Applied Energy Materials</i> , 2020, 3, 12316-12326.	5.4	40
43	Compositional variations in anodic nanotubes/nanopores formed on Fe 100, 110 and 111 single crystals. <i>Electrochimica Acta</i> , 2020, 364, 137316.	5.3	6
44	Characterization of Dark-Colored Nanoporous Anodic Films on Zinc. <i>Coatings</i> , 2020, 10, 1014.	2.6	10
45	Al ₂ O ₃ -Induced Sub-Gap Doping on the IGZO Channel for the Detection of Infrared Light. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1478-1483.	4.6	23
46	Mixed proton-electron-oxide ion triple conducting manganite as an efficient cobalt-free cathode for protonic ceramic fuel cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11043-11055.	9.3	103
47	Highly Durable Oxygen Evolution Reaction Catalyst: Amorphous Oxyhydroxide Derived from Brownmillerite-Type Ca ₂ FeCoO ₅ . <i>ACS Applied Energy Materials</i> , 2020, 3, 5269-5276.	5.4	18
48	Long-term durability of platelet-type carbon nanofibers for OER and ORR in highly alkaline media. <i>Applied Catalysis A: General</i> , 2020, 597, 117555.	4.6	31
49	(Invited) Highly Durable Platelet-Type Carbon Nanofibers for Oer in Alkaline Electrolyte. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2805-2805.	0.0	0
50	Compositional Variations in Porous Anodic Oxides Formed on Fe(100), Fe(110) and Fe(111) Single Crystals. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2785-2785.	0.0	0
51	Spinel-Type Metal Oxide Nanoparticles Supported on Platelet-Type Carbon Nanofibers as a Bifunctional Catalyst for Oxygen Evolution Reaction and Oxygen Reduction Reaction. <i>Electrochemistry</i> , 2020, 88, 566-573.	1.3	8
52	Converting Fabric to Textile Nickel Current Collector with Ag ₂ s Decoration for Producing Dendrite-Free Lithium Metal Anode. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 402-402.	0.0	0
53	(Invited) Anodizing of Metals for Fabrication of Functional Nanostructured Surfaces. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 1202-1202.	0.0	0
54	Performance Evaluation of Intermediate Temperature Proton-Conducting Soec with BaZr _{0.6} Ce _{0.2} Y _{0.2} O _{3-δ} Electrolyte. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3616-3616.	0.0	0

#	ARTICLE	IF	PR CITATIONS
55	(Invited) Incorporation of Bulk Proton Carriers in Manganese Perovskites Triggered By Charge Disproportionation between Metal and Oxygen Atoms. ECS Meeting Abstracts, 2020, MA2020-02, 2637-2637.	0.0	0
56	Numerical Simulation of OXIDE-ION Blocking Effect in Hydrogen Permeable Metal-Supported Fuel Cell. ECS Meeting Abstracts, 2020, MA2020-02, 2624-2624.	0.0	0
57	Spinel-Type Metal Oxide Nanoparticles Supported on Platelet-Type Carbon Nanofibers for Oxygen Evolution Reaction and Oxygen Reduction Reaction. ECS Meeting Abstracts, 2020, MA2020-02, 3618-3618.	0.0	0
58	The Role of Hydrated Alumina Layer on the Incorporation of Electrolyte Species in Anodizing of Aluminum. ECS Meeting Abstracts, 2020, MA2020-02, 1233-1233.	0.0	0
59	Electrochemically prepared oxides for resistive switching memories. Faraday Discussions, 2019, 213, 165-181.	3.1	32
60	In situ X-ray absorption spectroscopy of Sn species adsorbed on platinumized platinum electrode in perchloric acid solution containing stannous ions. Journal of Solid State Electrochemistry, 2019, 23, 2261-2275.	2.3	1
61	Activation of Catalytically Active Edge-Sharing Domains in $\text{Ca}_{2}\text{FeCoO}_{5}$ for Oxygen Evolution Reaction in Highly Alkaline Media. ACS Applied Materials & Interfaces, 2019, 11, 28823-28829.	8.0	32
62	Ultra-rapid formation of crystalline anatase TiO_{2} films highly doped with substrate species by a cathodic deposition method. Electrochemistry Communications, 2019, 108, 106561.	3.9	6
63	Incorporation of Bulk Proton Carriers in Cubic Perovskite Manganite Driven by Interplays of Oxygen and Manganese Redox. Chemistry of Materials, 2019, 31, 8383-8393.	6.8	42
64	High dispersion and oxygen reduction reaction activity of $\text{Co}_{3}\text{O}_{4}$ nanoparticles on platelet-type carbon nanofibers. RSC Advances, 2019, 9, 3726-3733.	4.4	10
65	Heteroatom-doped porous carbon with tunable pore structure and high specific surface area for high performance supercapacitors. Electrochimica Acta, 2019, 314, 173-187.	5.3	69
66	High-valence-state manganate ($\text{Ba}_{3}\text{Mn}_{2}\text{O}_{8}$) as an efficient anode of a proton-conducting solid oxide steam electrolyzer. Inorganic Chemistry Frontiers, 2019, 6, 1587-1597.	6.4	12
67	The role of tungsten species in the transition of anodic nanopores to nanotubes formed on iron alloyed with tungsten. Electrochimica Acta, 2019, 309, 274-282.	5.3	5
68	Exothermically Efficient Exfoliation of Biomass Cellulose to Value-Added N-Doped Hierarchical Porous Carbon for Oxygen Reduction Electrocatalyst. Industrial & Engineering Chemistry Research, 2019, 58, 3047-3059.	3.9	16
69	Employing a T-shirt template and variant of Schweizer's reagent for constructing a low-weight, flexible, hierarchically porous and textile-structured copper current collector for dendrite-suppressed Li metal. Journal of Materials Chemistry A, 2019, 7, 27066-27073.	9.3	10
70	Cotton-derived carbon sponge as support for form-stabilized composite phase change materials with enhanced thermal conductivity. Solar Energy Materials and Solar Cells, 2019, 192, 8-15.	6.1	130
71	Incorporation of alloying elements into porous anodic films on aluminium alloys: The role of cell diameter. Electrochimica Acta, 2019, 296, 783-789.	5.3	19
72	Fabrication of Superoleophobic Surface on Stainless Steel by Hierarchical Surface Roughening and Organic Coating. ISIJ International, 2019, 59, 345-350.	1.3	14

#	ARTICLE	IF	PR CITATIONS
73	Vertically aligned carbon fibers as supporting scaffolds for phase change composites with anisotropic thermal conductivity and good shape stability. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4934-4940.	9.3	120
74	Fabrication of Superhydrophobic and Superoleophobic Surfaces on Stainless Steels. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2019, 70, 604-607.	0.1	0
75	Enhanced hydrogen permeability of hafnium nitride nanocrystalline membranes by interfacial hydride conduction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2730-2741.	9.3	19
76	Effect of fluorozirconic acid on anodizing of aluminium and AA 2024-T3 alloy in sulphuric and tartaric-sulphuric acids. <i>Surface and Coatings Technology</i> , 2018, 342, 233-243.	5.7	25
77	Starch-Derived Hierarchical Porous Carbon with Controlled Porosity for High Performance Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 7292-7303.	7.1	144
78	Electrochemical Oxidation of Hf-Nb Alloys as a Valuable Route to Prepare Mixed Oxides of Tailored Dielectric Properties. <i>Advanced Electronic Materials</i> , 2018, 4, .	4.9	20
79	Electrochemically prepared oxides for resistive switching devices. <i>Electrochimica Acta</i> , 2018, 274, 103-111.	5.3	33
80	Analysis of the Anode Reaction of Solid Oxide Electrolyzer Cells with BaZr _{0.4} Ce _{0.4} Y _{0.2} O _{3-λ} Electrolytes and Sm _{0.5} Sr _{0.5} CoO _{3-λ} Anodes. <i>Journal of the Electrochemical Society</i> , 2018, 165, F342-F349.	3.1	27
81	Highly increased breakdown potential of anodic films on aluminum using a sealed porous layer. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 2073-2081.	2.3	7
82	High Efficiency Direct Ammonia Fuel Cells Based on BaZr _{0.1} Ce _{0.7} Y _{0.2} O _{3-λ} /Pd Oxide/Metal Junctions. <i>Global Challenges</i> , 2018, 2, .	5.2	50
83	Strong Lanthanoid Substitution Effect on Electrocatalytic Activity of Double-Perovskite-Type BaLnMn ₂ O ₅ (Ln = Y, Gd, Nd, and La) for Oxygen Reduction Reaction. <i>Journal of Physical Chemistry C</i> , 2018, 122, 7081-7087.	3.1	13
84	Application of valence-to-core X-ray emission spectroscopy for identification and estimation of amount of carbon covalently bonded to chromium in amorphous Cr-C coatings prepared by magnetron sputtering. <i>Applied Surface Science</i> , 2018, 427, 566-572.	6.7	9
85	Ex Situ Evidence for the Role of a Fluoride-Rich Layer Switching the Growth of Nanopores to Nanotubes: A Missing Piece of the Anodizing Puzzle. <i>ChemElectroChem</i> , 2018, 5, 610-618.	2.9	20
86	Corrosion Behavior of Galvanized Steel with Organic Coatings Containing Metallic Powders. <i>Zairyo To Kankyo/Corrosion Engineering</i> , 2018, 67, 41-49.	0.2	0
87	La _{0.7} Sr _{0.3} Mn _{1-x} Ni _x O _{3-λ} Electrocatalysts for the Four-Electron Oxygen Reduction Reaction in Concentrated Alkaline Media. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22301-22308.	3.1	23
88	Nitrogen-doped porous carbon as-mediated by a facile solution combustion synthesis for supercapacitor and oxygen reduction electrocatalyst. <i>Chemical Engineering Journal</i> , 2018, 350, 278-289.	12.0	94
89	Anodic film growth and silver enrichment during anodizing of an Mg-0.6 at.% Ag alloy in fluoride-containing organic electrolytes. <i>Electrochimica Acta</i> , 2018, 280, 300-307.	5.3	6
90	Evaluation of thin film fuel cells with Zr-rich BaZr _x Ce _{0.8-x} Y _{0.2} O _{3-λ} electrolytes ($x \approx 0.4$) fabricated by a single-step reactive sintering method. <i>RSC Advances</i> , 2018, 8, 26309-26317.	4.4	25

#	ARTICLE	IF	PR CITATIONS
91	Rapid and Repeatable Self-Healing Superoleophobic Porous Aluminum Surface Using Infiltrated Liquid Healing Agent. <i>Advanced Materials Interfaces</i> , 2018, 5, .	4.1	22
92	Diffusion-controlled Growth of TiO ₂ Mesoporous Anodic Films in Hot Phosphate/glycerol Electrolytes. <i>Electrochemistry</i> , 2018, 86, 184-189.	1.3	2
93	Anodizing for Photocatalysts. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2018, 69, 609-612.	0.1	0
94	Anodic films obtained on Ti6Al4V in aluminate solutions by spark anodizing: Effect of OH ⁻ and WO ₄ ²⁻ additions on the tribological properties. <i>Surface and Coatings Technology</i> , 2017, 310, 180-189.	5.7	17
95	The Effect of Nb Incorporation on the Electronic Properties of Anodic HfO ₂ . <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, N25-N31.	2.1	15
96	Formation of Nanoporous NiFe ₂ O ₄ Oxide Films by Anodizing of Fe-Ni Alloy. <i>ECS Transactions</i> , 2017, 75, 67-75.	0.5	2
97	High Efficiency Hydrogen Membrane Fuel Cells with BaCe _{0.8} Y _{0.2} O _{3-δ} Electrolyte Thin Films and Pd _{1-x} Ag _x Solid Anodes. <i>Journal of the Electrochemical Society</i> , 2017, 164, F577-F581.	3.1	1
98	Effects of fluoride ions in the growth of barrier-type films on aluminium. <i>Electrochimica Acta</i> , 2017, 245, 854-862.	5.3	20
99	Brownmillerite-type Ca ₂ FeCoO ₅ as a Practicable Oxygen Evolution Reaction Catalyst. <i>ChemSusChem</i> , 2017, 10, 2864-2868.	6.2	64
100	A facile one-pot synthesis of FeO /carbon/graphene composites as superior anode materials for lithium-ion batteries. <i>Electrochimica Acta</i> , 2017, 235, 88-97.	5.3	26
101	Hydrogen separation by nanocrystalline titanium nitride membranes with high hydride ion conductivity. <i>Nature Energy</i> , 2017, 2, 786-794.	50.1	58
102	Co ₉ S ₈ Nanoparticles Incorporated in Hierarchically Porous 3D Few-Layer Graphene-Like Carbon with S,N-Doping as Superior Electrocatalyst for Oxygen Reduction Reaction. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1700296.	2.8	33
103	MnO/Nâ€C anode materials for lithium-ion batteries prepared by cotton-templated combustion synthesis. <i>Green Energy and Environment</i> , 2017, 2, 377-386.	12.4	22
104	Low-Temperature Oxygen Storage of Cr ^{IV} â€Cr ^V Mixed-Valence YCr _{1-x} P _x O ₄ Driven by Local Condensation around Oxygen-Deficient Orthochromite. <i>Journal of the American Chemical Society</i> , 2017, 139, 11197-11206.	15.1	9
105	Nitrogenâ€Doped Hierarchical Porous Carbon Architecture Incorporated with Cobalt Nanoparticles and Carbon Nanotubes as Efficient Electrocatalyst for Oxygen Reduction Reaction. <i>Advanced Materials Interfaces</i> , 2017, 4, .	4.1	25
106	High Efficiency Direct Ammonia Type Fuel Cells based on BaZrxCe _{0.8} XY _{0.2} O ₃ /Pd Oxide-Metal Junctions. <i>ECS Transactions</i> , 2017, 78, 1511-1515.	0.5	2
107	Influence of Fluorozirconic Acid on Sulfuric Acid Anodizing of Aluminum. <i>Journal of the Electrochemical Society</i> , 2017, 164, C831-C839.	3.1	8
108	Facile preparation of self-healing superhydrophobic CeO ₂ surface by electrochemical processes. <i>Applied Surface Science</i> , 2017, 423, 968-976.	6.7	59

#	ARTICLE	IF	PR CITATIONS
109	Highly increased capacitance and thermal stability of anodic oxide films on oxygen-incorporated Zr-Ti alloy. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 2807-2816.	2.3	5
110	Influence of Metallic Powder Contents on Corrosion Resistance of Galvanized Steel with Metal Powder-containing Organic Coatings for Automobile Fuel Tanks. <i>ISIJ International</i> , 2017, 57, 2207-2213.	1.3	3
111	Electrochemical Impedance Spectroscopy of High-Efficiency Hydrogen Membrane Fuel Cells Based on Sputter-Deposited $\text{BaCe}_{0.8}\text{Y}_{0.2}\text{O}_{3-\delta}$ Thin Films. <i>Journal of Physical Chemistry C</i> , 2016, 120, 15976-15985.	3.1	23
112	Formation of Porous Anodic Films on Carbon Steels and Their Application to Corrosion Protection Composite Coatings Formed with Polypyrrole. <i>Journal of the Electrochemical Society</i> , 2016, 163, C386-C393.	3.1	39
113	Film growth and alloy enrichment during anodizing AZ31 magnesium alloy in fluoride/glycerol electrolytes of a range of water contents. <i>Electrochimica Acta</i> , 2016, 219, 28-37.	5.3	18
114	Measurement of Adhesion Strength of Al Electroplating Film on AZ31, AZ61, and AZ91 Substrates. <i>ECS Transactions</i> , 2016, 75, 297-304.	0.5	2
115	Effect of Pb-underpotential deposition on anodic dissolution and passivation of pure Fe and Fe-Ni alloys in acidic perchlorate solution. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 3133-3142.	2.3	6
116	Photoelectrochemical evidence of inhomogeneous composition at nm length scale of anodic films on valve metals alloys. <i>Electrochimica Acta</i> , 2016, 201, 333-339.	5.3	18
117	Fabrication of a resistive switching gallium oxide thin film with a tailored gallium valence state and oxygen deficiency by rf cosputtering process. <i>RSC Advances</i> , 2016, 6, 8964-8970.	4.4	32
118	Highly active Ni/Y-doped ZrO_2 catalysts for CO_2 methanation. <i>Applied Surface Science</i> , 2016, 388, 653-663.	6.7	137
119	Characterization of Corrosion-resistant, Nanometer-thick, Layer-by-layer Aluminosilicate Coatings Prepared on Stainless Steel. <i>Electrochimica Acta</i> , 2016, 201, 311-319.	5.3	6
120	Control of Surface Wettability of Aluminum Mesh with Hierarchical Surface Morphology by Monolayer Coating: From Superoleophobic to Superhydrophilic. <i>Journal of Physical Chemistry C</i> , 2016, 120, 15684-15690.	3.1	23
121	Photoelectrochemical evidence of nitrogen incorporation during anodizing sputtering Al-Ta alloys. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 351-360.	2.8	22
122	Redox-induced proton insertion and desertion of zircon-type neodymium chromate(V). <i>Solid State Ionics</i> , 2016, 285, 175-179.	3.1	2
123	Enhancement of Electrolyte Properties for High Energy Density Supercapacitors by using Additive Materials. <i>Journal of Electrochemical Science and Technology</i> , 2016, 7, 214-217.	2.8	2
124	GDOES Depth Profile Analysis of Interfacial Enrichment of Copper during Anodizing of Al-Cu Alloy. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2015, 66, 670-672.	0.1	1
125	Growth of barrier-type anodic films on magnesium in ethylene glycol electrolytes containing fluoride and water. <i>Electrochimica Acta</i> , 2015, 179, 402-410.	5.3	8
126	CO_2 methanation of Ni catalysts supported on tetragonal ZrO_2 doped with Ca^{2+} and Ni^{2+} ions. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 8347-8355.	9.1	82

#	ARTICLE	IF	PR CITATIONS
127	Corrosion protection of iron using porous anodic oxide/conducting polymer composite coatings. Faraday Discussions, 2015, 180, 479-493.	3.1	16
128	Control of the physical properties of anodic coatings obtained by plasma electrolytic oxidation on Ti6Al4V alloy. Surface and Coatings Technology, 2015, 283, 210-222.	5.7	37
129	The influence of composition on band gap and dielectric constant of anodic Al-Ta mixed oxides. Electrochimica Acta, 2015, 180, 666-678.	5.3	31
130	Highly durable platelet carbon nanofiber-supported platinum catalysts for the oxygen reduction reaction. Carbon, 2015, 87, 1-9.	10.7	26
131	Synthesis and characterization of carbon black/manganese oxide air cathodes for zinc-air batteries: Effects of the crystalline structure of manganese oxides. Journal of Power Sources, 2015, 298, 102-113.	8.0	70
132	Formation and field-assisted dissolution of anodic films on iron in fluoride-containing organic electrolyte. Electrochimica Acta, 2015, 151, 363-369.	5.3	29
133	Effect of current density and behaviour of second phases in anodizing of a Mg-Zn-RE alloy in a fluoride/glycerol/water electrolyte. Journal of Solid State Electrochemistry, 2015, 20, 1155-1165.	2.3	13
134	In Situ X-Ray Absorption Spectroscopy Study of Sn Underpotential Deposition on Ni from Perchloric Acid. Journal of the Electrochemical Society, 2014, 161, H195-H202.	3.1	10
135	Mixed Proton Electron Conductivity of Calcium Chromate(V) Apatite. ECS Electrochemistry Letters, 2014, 3, F61-F64.	1.8	3
136	Highly Enhanced Corrosion Resistance of Stainless Steel by Sol-Gel Layer-by-Layer Aluminosilicate Thin Coatings. Journal of the Electrochemical Society, 2014, 161, C57-C61.	3.1	22
137	Characterization of Self-Assembled Monolayer on Anodized Aluminum by XPS, AFM and Low-Voltage SEM. ECS Transactions, 2014, 58, 75-83.	0.5	2
138	Rapid reduction of titanium dioxide nano-particles by reduction with a calcium reductant. Journal of Physics and Chemistry of Solids, 2014, 75, 1041-1048.	4.7	32
139	Morphological control of anodic crystalline TiO ₂ nanochannel films for use in size-selective photocatalytic decomposition of organic molecules. Applied Surface Science, 2014, 301, 500-507.	6.7	16
140	Fabrication of superoleophobic hierarchical surfaces for low-surface-tension liquids. RSC Advances, 2014, 4, 30927.	4.4	39
141	Gas sensing properties of the nanostructured anodic Zr-W oxide film. Sensors and Actuators B: Chemical, 2014, 204, 588-595.	7.7	8
142	Effect of Sn ²⁺ on Anodic Dissolution of Ni in Perchloric Acid. Journal of the Electrochemical Society, 2014, 161, C550-C556.	3.1	7
143	Efficient growth of anodic films on magnesium in organic electrolytes containing fluoride and water. Electrochemistry Communications, 2014, 46, 30-32.	3.9	12
144	Fabrication of a micro-porous Ti-Zr alloy by electroless reduction with a calcium reductant for electrolytic capacitor applications. Journal of Alloys and Compounds, 2014, 586, 148-154.	6.0	11

#	ARTICLE	IF	PR CITATIONS
145	Formation of "structure" properties of niobium-oxide nanocolumn arrays via self-organized anodization of sputter-deposited aluminum-on-niobium layers. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4847.	5.1	78
146	Nanostructured anodic-alumina-based dielectrics for high-frequency integral capacitors. <i>Thin Solid Films</i> , 2014, 550, 486-494.	1.9	42
147	Electrochemical Analysis of Hydrogen Membrane Fuel Cells with Amorphous Zirconium Phosphate Thin Film Electrolyte. <i>Electrochemistry</i> , 2014, 82, 859-864.	1.3	3
148	Electrochemical Properties of Heated Carbon Nanofibers for Lithium Ion Capacitor. <i>Chemistry Letters</i> , 2014, 43, 898-900.	1.0	13
149	Electrochemical Behavior of TiO ₂ Nanotube/Ti Prepared by Anodizing for Micro-Lithium Ion Batteries. <i>Journal of the Korean Electrochemical Society</i> , 2014, 17, 13-17.	0.3	6
150	Influence of Yttrium Addition on the High Capacitance of ZrO ₂ -SiO ₂ Nanocomposite Anodic Oxide Films. <i>ECS Transactions</i> , 2013, 50, 245-254.	0.5	0
151	Tracer study of pore initiation in anodic alumina formed in phosphoric acid. <i>Electrochimica Acta</i> , 2013, 113, 302-312.	5.3	66
152	Physicochemical characterization and photoelectrochemical analysis of iron oxide films. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 3005-3014.	2.3	29
153	Photoelectrochemical characterization of amorphous anodic films on Ti-6at.%Si. <i>Electrochimica Acta</i> , 2013, 110, 517-525.	5.3	24
154	Preparation of non-annealed anatase TiO ₂ film on ITO substrate by anodizing in hot phosphate/glycerol electrolyte for dye-sensitized solar cells. <i>Materials Letters</i> , 2013, 91, 39-41.	2.5	19
155	Hydrogen Membrane Fuel Cells with Metal/Insulator/Metal Structure. <i>ECS Transactions</i> , 2013, 57, 911-916.	0.5	0
156	High Proton Conductivity in Anodic ZrO ₂ -WO ₃ -SiO ₂ Nanofilms. <i>ECS Transactions</i> , 2013, 50, 193-201.	0.5	0
157	Formation of Self-Organized Nanoporous Anodic Films on Carbon Steel. <i>ECS Transactions</i> , 2013, 50, 183-190.	0.5	5
158	Compositional Dependence of the Proton Conductivity of Anodic ZrO ₂ -WO ₃ -SiO ₂ Nanofilms at Intermediate Temperatures. <i>Journal of the Electrochemical Society</i> , 2013, 160, F1096-F1102.	3.1	4
159	(Invited) Fabrication of Super-Oil-Repellent Surfaces by Two-Step Anodizing of Aluminum. <i>ECS Transactions</i> , 2013, 50, 217-224.	0.5	4
160	Title is missing!. <i>Electrochemistry</i> , 2013, 81, 583-583.	1.3	0
161	Formation and Dielectric Properties of Anodic Films Formed on Ta-W Alloys at Various Formation Voltages. <i>Electrochemistry</i> , 2013, 81, 840-844.	1.3	2
162	The effects of film thickness and incorporated anions on pitting corrosion of aluminum with barrier-type oxide films formed in neutral borate and phosphate electrolytes. <i>Journal of Solid State Electrochemistry</i> , 2013, 18, 369-376.	2.3	7

#	ARTICLE	IF	PR CITATIONS
163	Porous Anodic Film Growth on a Zr-W Alloy. <i>Electrochemical and Solid-State Letters</i> , 2012, 15, C8.	2.3	3
164	Important Role of Nanopore Morphology in Superoleophobic Hierarchical Surfaces. <i>Journal of Physical Chemistry C</i> , 2012, 116, 23308-23314.	3.1	27
165	Factors influencing the growth behaviour of nanoporous anodic films on iron under galvanostatic anodizing. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3887-3896.	2.3	23
166	Ion Migration and Film Morphologies in Anodic Alumina Films Formed in Selenate Electrolyte. <i>Journal of the Electrochemical Society</i> , 2012, 159, C312-C317.	3.1	3
167	Percolative proton conductivity of sol-gel derived amorphous aluminosilicate thin films. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 2735.	2.8	5
168	Photo-induced properties of non-annealed anatase TiO ₂ mesoporous film prepared by anodizing in the hot phosphate/glycerol electrolyte. <i>Applied Surface Science</i> , 2012, 258, 9810-9815.	6.7	12
169	Formation and characterization of wear-resistant PEO coatings formed on $\hat{2}$ -titanium alloy at different electrolyte temperatures. <i>Applied Surface Science</i> , 2012, 259, 711-718.	6.7	103
170	Cathodic pulse breakdown of anodic films on aluminium in alkaline silicate electrolyte – Understanding the role of cathodic half-cycle in AC plasma electrolytic oxidation. <i>Corrosion Science</i> , 2012, 55, 90-96.	8.1	93
171	The superhydrophobic properties of self-organized microstructured surfaces derived from anodically oxidized Al/Nb and Al/Ta metal layers. <i>Electrochimica Acta</i> , 2012, 82, 90-97.	5.3	31
172	Formation of self-organized nanoporous anodic films on Type 304 stainless steel. <i>Electrochemistry Communications</i> , 2012, 21, 1-4.	3.9	64
173	Effects of current density and electrolyte temperature on the volume expansion factor of anodic alumina formed in oxalic acid. <i>Electrochimica Acta</i> , 2012, 59, 186-195.	5.3	42
174	The influence of nitrogen incorporation on the optical properties of anodic Ta ₂ O ₅ . <i>Electrochimica Acta</i> , 2012, 59, 382-386.	5.3	27
175	Thickness dependence of proton conductivity of anodic ZrO ₂ -WO ₃ -SiO ₂ nanofilms. <i>Journal of Power Sources</i> , 2012, 205, 194-200.	8.0	11
176	In situ X-ray absorption spectroscopy for identification of lead species adsorbed on a nickel surface in acidic perchlorate solution. <i>Journal of Electroanalytical Chemistry</i> , 2012, 671, 7-15.	3.9	26
177	Anodic film formation on a sputter-deposited amorphous Al ₄₀ at. % Sm alloy. <i>Journal of Materials Research</i> , 2011, 12, 1885-1891.	2.5	16
178	Finite Size Effect of Proton-Conductivity of Amorphous Silicate Thin Films Based on Mesoscopic Fluctuation of Glass Network. <i>Journal of the American Chemical Society</i> , 2011, 133, 3471-3479.	15.1	23
179	Enhanced Capacitance of Composite Anodic ZrO ₂ Films Comprising High Permittivity Oxide Nanocrystals and Highly Resistive Amorphous Oxide Matrix. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 2665-2670.	8.0	15
180	Dielectric breakdown and healing of anodic oxide films on aluminium under single pulse anodizing. <i>Corrosion Science</i> , 2011, 53, 1838-1844.	8.1	31

#	ARTICLE	IF	PR CITATIONS
181	Pit growth behaviour of aluminium under galvanostatic control. <i>Corrosion Science</i> , 2011, 53, 3521-3525.	8.1	30
182	Volume Expansion Factor and Growth Efficiency of Anodic Alumina Formed in Sulphuric Acid. <i>Journal of the Electrochemical Society</i> , 2011, 158, C202-C214.	3.1	52
183	Control of morphology and surface wettability of anodic niobium oxide microcones formed in hot phosphate-glycerol electrolytes. <i>Electrochimica Acta</i> , 2011, 56, 7446-7453.	5.3	36
184	Power-law scaling of proton conductivity in amorphous silicate thin films. <i>Solid State Ionics</i> , 2011, 192, 93-96.	3.1	0
185	Two-step plasma electrolytic oxidation of Ti-15V-3Al-3Cr-3Sn for wear-resistant and adhesive coating. <i>Surface and Coatings Technology</i> , 2011, 205, 4732-4740.	5.7	74
186	E-MRS2010 Fall Meeting Symposium F: 10th International Symposium on Electrochemical/Chemical Reactivity of Metastable Materials 13-17 September 2010, Warsaw (Poland). <i>Applied Surface Science</i> , 2011, 257, 8139-8140.	6.7	1
187	Mechano-electrochemistry of a passive surface using an in situ micro-indentation test. <i>Electrochimica Acta</i> , 2011, 56, 1773-1780.	5.3	9
188	Dielectric properties of anodic films on sputter-deposited Ti-Si porous columnar films. <i>Applied Surface Science</i> , 2011, 257, 8295-8300.	6.7	7
189	Effect of electrolyte temperature on the formation of self-organized anodic niobium oxide microcones in hot phosphate-glycerol electrolyte. <i>Applied Surface Science</i> , 2011, 257, 8190-8195.	6.7	37
190	Superhydrophobic hierarchical surfaces fabricated by anodizing of oblique angle deposited Al-Nb alloy columnar films. <i>Applied Surface Science</i> , 2011, 257, 8282-8288.	6.7	21
191	Corrosion and passivation behavior of Mg-Zn-Y-Al alloys prepared by cooling rate-controlled solidification. <i>Applied Surface Science</i> , 2011, 257, 8258-8267.	6.7	76
192	Characterization of the Solid State Properties of Anodic Oxides on Ta-Nb Alloys as a Function of the Anodizing Conditions. <i>ECS Transactions</i> , 2011, 41, 293-310.	0.5	0
193	Proton-Conductivity of Amorphous Aluminum Phosphate Thin Films under Anhydrous Conditions. <i>Journal of the Electrochemical Society</i> , 2011, 158, P41.	3.1	3
194	Improved Thermal Stability of Efficient Proton-Conducting Anodic ZrO ₂ -WO ₃ Nanofilms by Incorporation of Silicon Species. <i>Journal of the Electrochemical Society</i> , 2011, 158, C385.	3.1	7
195	Characterization of the Solid State Properties of Anodic Oxides on Magnetron Sputtered Ta, Nb and Ta-Nb Alloys. <i>Journal of the Electrochemical Society</i> , 2011, 159, C33-C39.	3.1	37
196	Thin Film Fuel Cell Based on Nanometer-Thick Membrane of Amorphous Zirconium Phosphate Electrolyte. <i>Journal of the Electrochemical Society</i> , 2011, 158, B866.	3.1	10
197	Growth and field crystallization of anodic films on Ta-Nb alloys. <i>Journal of Solid State Electrochemistry</i> , 2011, 16, 1595-1604.	2.3	23
198	A critical assessment of the Mott-Schottky analysis for the characterisation of passive film-electrolyte junctions. <i>Russian Journal of Electrochemistry</i> , 2010, 46, 1306-1322.	0.9	77

#	ARTICLE	IF	PR CITATIONS
199	Formation of porous anodic titanium oxide films in hot phosphate/glycerol electrolyte. <i>Electrochimica Acta</i> , 2010, 55, 3939-3943.	5.3	28
200	Ion-conducting, sub-100Ånm-thick film of amorphous hafnium silicate. <i>Solid State Ionics</i> , 2010, 181, 115-121.	3.1	4
201	Depassivationâ€“repassivation behavior of a pure iron surface investigated by micro-indentation. <i>Electrochimica Acta</i> , 2010, 55, 1232-1238.	5.3	11
202	Tracer studies relating to alloying element behaviour in porous anodic alumina formed in phosphoric acid. <i>Electrochimica Acta</i> , 2010, 55, 3175-3184.	5.3	35
203	Amorphous-to-crystalline transition of silicon-incorporated anodic ZrO ₂ and improved dielectric properties. <i>Electrochimica Acta</i> , 2010, 55, 3144-3151.	5.3	15
204	Phase Transformation and Capacitance Enhancement of Anodic ZrO ₂ /SiO ₂ . <i>Journal of the Electrochemical Society</i> , 2010, 157, C444.	3.1	6
205	Incorporation and Migration of Phosphorus Species in Anodic Alumina Films Containing Tungsten Tracer Layers. <i>Journal of the Electrochemical Society</i> , 2010, 157, C437.	3.1	10
206	Controlled morphology of aluminum alloy nanopillar films: from nanohorns to nanoplates. <i>Nanotechnology</i> , 2010, 21, 395302.	2.7	6
207	Galvanostatic Growth of Nanoporous Anodic Films on Iron in Ammonium Fluorideâ“Ethylene Glycol Electrolytes with Different Water Contents. <i>Journal of Physical Chemistry C</i> , 2010, 114, 18853-18859.	3.1	67
208	Thickness-Induced Proton-Conductivity Transition in Amorphous Zirconium Phosphate Thin Films. <i>Chemistry of Materials</i> , 2010, 22, 5528-5536.	6.8	15
209	Anodic oxides on InAlP formed in sodium tungstate electrolyte. <i>Corrosion Science</i> , 2010, 52, 595-601.	8.1	3
210	Application of the multichannel electrode method to monitoring of corrosion of steel in an artificial crevice. <i>Corrosion Science</i> , 2010, 52, 1179-1186.	8.1	24
211	Role of cathodic half-cycle on AC etch process of aluminium. <i>Corrosion Science</i> , 2010, 52, 2164-2171.	8.1	12
212	Physicochemical Characterization of Thermally Aged Anodic Films on Magnetron-Sputtered Niobium. <i>Journal of the Electrochemical Society</i> , 2010, 157, C258.	3.1	22
213	Growth of porous anodic alumina films in hot phosphateâ“glycerol electrolyte. <i>Journal of Solid State Electrochemistry</i> , 2010, 15, 689-696.	2.3	11
214	Formation and dielectric properties of anodic oxide films on Zrâ“Al alloys. <i>Journal of Solid State Electrochemistry</i> , 2010, 15, 2221-2229.	2.3	10
215	Anodic Behavior of Nickel in Acidic Perchlorate Solution Containing Pb ²⁺ . <i>ECS Transactions</i> , 2009, 16, 109-116.	0.5	3
216	Limiting Current in a Flowingâ“Electrolyteâ“Type Droplet Cell. <i>ChemPhysChem</i> , 2009, 10, 420-426.	2.0	10

#	ARTICLE	IF	PR CITATIONS
217	High Proton Conductivity in Anodic ZrO ₂ /WO ₃ Nanofilms. <i>Angewandte Chemie</i> , 2009, 121, 7718-7721.	1.4	3
218	High Proton Conductivity in Anodic ZrO ₂ /WO ₃ Nanofilms. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7582-7585.	14.1	17
219	Importance of water content in formation of porous anodic niobium oxide films in hot phosphate-glycerol electrolyte. <i>Electrochimica Acta</i> , 2009, 54, 946-951.	5.3	47
220	Formation of anodic films on sputtering-deposited Al-Hf alloys. <i>Electrochimica Acta</i> , 2009, 54, 1070-1075.	5.3	26
221	Growth of porous anodic films on sputtering-deposited aluminium incorporating Al-Hf alloy nanolayers. <i>Electrochimica Acta</i> , 2009, 54, 3662-3670.	5.3	15
222	Optimized observation of tungsten tracers for investigation of formation of porous anodic alumina. <i>Electrochimica Acta</i> , 2009, 54, 6403-6411.	5.3	21
223	Formation of porous niobium films by oblique angle deposition: Influence of substrate morphology. <i>Thin Solid Films</i> , 2009, 517, 6711-6716.	1.9	12
224	Preparation of self-organized porous anodic niobium oxide microcones and their surface wettability. <i>Acta Materialia</i> , 2009, 57, 3941-3946.	8.7	47
225	Improved electrical properties of silicon-incorporated anodic niobium oxide formed on porous Nb-Si substrate. <i>Applied Surface Science</i> , 2009, 255, 8383-8389.	6.7	9
226	Size-Scaling of Proton Conductivity in Amorphous Aluminosilicate Acid Thin Films. <i>Journal of the American Chemical Society</i> , 2009, 131, 14399-14406.	15.1	26
227	Spark anodizing behaviour of titanium and its alloys in alkaline aluminate electrolyte. <i>Corrosion Science</i> , 2009, 51, 1534-1539.	8.1	46
228	Depth profile analysis of thin passive films on stainless steel by glow discharge optical emission spectroscopy. <i>Corrosion Science</i> , 2009, 51, 1554-1559.	8.1	38
229	Depassivation-repassivation behavior of type-312L stainless steel in NaCl solution investigated by the micro-indentation. <i>Corrosion Science</i> , 2009, 51, 1545-1553.	8.1	51
230	Title is missing!. <i>Corrosion Science</i> , 2009, 51, 1481.	8.1	0
231	Effect of sulfuric acid on pit propagation behaviour of aluminium under AC etch process. <i>Corrosion Science</i> , 2009, 51, 2364-2370.	8.1	29
232	The Influence of Thermal Treatment on the Electronic Properties of a-Nb ₂ O ₅ . <i>ECS Transactions</i> , 2009, 19, 411-422.	0.5	3
233	Formation of Porous Aluminum Films with Isolated Columnar Structure Using Physical Vapor Deposition for Medium-Voltage and High-voltage Capacitors. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2009, 60, 166-169.	0.1	1
234	Influences of structure and composition on the photoelectrochemical behaviour of anodic films on Zr and Zr-20at.%Ti. <i>Electrochimica Acta</i> , 2008, 53, 2272-2280.	5.3	32

#	ARTICLE	IF	PR CITATIONS
235	Inhibition of field crystallization of anodic niobium oxide by incorporation of silicon species. <i>Electrochimica Acta</i> , 2008, 53, 8203-8210.	5.3	8
236	Thermal degradation of anodic niobia on niobium and oxygen-containing niobium. <i>Thin Solid Films</i> , 2008, 516, 991-998.	1.9	14
237	Influence of grain orientation on oxygen generation in anodic titania. <i>Thin Solid Films</i> , 2008, 516, 2296-2305.	1.9	58
238	Cross-section corrosion-potential profiles of aluminum-alloy brazing sheets observed by the flowing electrolyte scanning-droplet-cell technique. <i>Electrochimica Acta</i> , 2008, 53, 2529-2537.	5.3	42
239	Anodic dissolution of titanium in NaCl-containing ethylene glycol. <i>Electrochimica Acta</i> , 2008, 53, 3371-3376.	5.3	69
240	Porous anodic oxides on titanium and on a Ti-W alloy. <i>Corrosion Science</i> , 2008, 50, 548-553.	8.1	19
241	Barrier and porous anodic oxides on InSb. <i>Corrosion Science</i> , 2008, 50, 1353-1359.	8.1	9
242	Behaviour of copper during alkaline corrosion of Al-Cu alloys. <i>Corrosion Science</i> , 2008, 50, 1475-1480.	8.1	36
243	Photocurrent spectroscopy applied to the characterization of passive films on sputter-deposited Ti-Zr alloys. <i>Corrosion Science</i> , 2008, 50, 2012-2020.	8.1	37
244	Behaviour of a fast migrating cation species in porous anodic alumina. <i>Corrosion Science</i> , 2008, 50, 3179-3184.	8.1	16
245	Effect of underpotential deposition of lead on polarization behavior of nickel in acidic perchlorate solutions at room temperature. <i>Corrosion Science</i> , 2008, 50, 3139-3146.	8.1	17
246	Tracer Investigation of Pore Formation in Anodic Titania. <i>Journal of the Electrochemical Society</i> , 2008, 155, C487.	3.1	136
247	Thickness Dependence of Proton Conductivity of Amorphous Aluminosilicate Nanofilm. <i>Electrochemical and Solid-State Letters</i> , 2008, 11, P13.	2.3	10
248	Incorporation of Gold into Porous Anodic Alumina Formed on an Al-Au Alloy. <i>Journal of the Electrochemical Society</i> , 2008, 155, C333.	3.1	27
249	Electrochemical Capacitance of Nitrogen-Containing Nanocarbons Prepared Using Porous Anodic Alumina Template. <i>Electrochemistry</i> , 2008, 76, 197-202.	1.3	2
250	Evaluation of Materials Surface Using Capillary Micro-cell Technique. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2008, 59, 863-863.	0.1	4
251	Growth of Porous Anodic Films on Niobium in Hot Phosphate-Glycerol Electrolyte. <i>ECS Transactions</i> , 2008, 16, 345-351.	0.5	5
252	Compositional Evidence for Flow in Anodic Films on Aluminum under High Electric Fields. <i>Journal of the Electrochemical Society</i> , 2007, 154, C540.	3.1	49

#	ARTICLE	IF	PR CITATIONS
253	The role of corrosion-resistant alloying elements in passivity. <i>Corrosion Science</i> , 2007, 49, 42-52.	8.1	166
254	Development of anodic coatings on aluminium under sparking conditions in silicate electrolyte. <i>Corrosion Science</i> , 2007, 49, 672-693.	8.1	164
255	Field crystallization of anodic niobia. <i>Corrosion Science</i> , 2007, 49, 580-593.	8.1	35
256	Stress generated porosity in anodic alumina formed in sulphuric acid electrolyte. <i>Corrosion Science</i> , 2007, 49, 3772-3782.	8.1	74
257	Formation of porous anodic alumina at high current efficiency. <i>Nanotechnology</i> , 2007, 18, 415605.	2.7	35
258	Spark anodizing of Ti -Ti alloy for wear-resistant coating. <i>Surface and Coatings Technology</i> , 2007, 201, 8730-8737.	5.7	64
259	Species separation during coating growth on aluminium by spark anodizing. <i>Surface and Coatings Technology</i> , 2007, 201, 8671-8676.	5.7	37
260	Pore development during anodizing of Al -3.5 at.%W alloy in phosphoric acid. <i>Surface and Coatings Technology</i> , 2007, 201, 9506-9511.	5.7	14
261	Formation of porous anodic alumina in alkaline borate electrolyte. <i>Thin Solid Films</i> , 2007, 515, 5418-5423.	1.9	45
262	Si - C - O glass-like compound/exfoliated graphite composites for negative electrode of lithium ion battery. <i>Carbon</i> , 2007, 45, 477-483.	10.7	29
263	Fast migration of fluoride ions in growing anodic titanium oxide. <i>Electrochemistry Communications</i> , 2007, 9, 1222-1227.	3.9	171
264	Influence of silicon on the growth of barrier-type anodic films on titanium. <i>Electrochimica Acta</i> , 2007, 52, 6834-6840.	5.3	31
265	Current transients during repeated micro-indentation test of passive iron surface in pH 8.4 borate buffer solution. <i>Electrochemistry Communications</i> , 2007, 9, 1672-1676.	3.9	7
266	Heterogeneous hydrogen evolution on corroding Fe -3 at.% Si surface observed by scanning electrochemical microscopy. <i>Electrochimica Acta</i> , 2007, 52, 4246-4253.	5.3	38
267	A numerical model for current transients during micro-indentation of passive iron surface. <i>Electrochimica Acta</i> , 2007, 52, 6901-6910.	5.3	7
268	Formation of porous anodic films on Ti -Si alloys in hot phosphate-glycerol electrolyte. <i>Electrochimica Acta</i> , 2007, 53, 1775-1781.	5.3	22
269	Synthesis and characterization of balloons and porous blocks of Ti -SiC using silicone and urethane foam. <i>Journal of the European Ceramic Society</i> , 2007, 27, 405-412.	6.2	5
270	Structure of the carbon nanofilaments formed by liquid phase carbonization in porous anodic alumina template. <i>Materials Chemistry and Physics</i> , 2007, 105, 367-372.	4.5	14

#	ARTICLE	IF	PR CITATIONS
271	Effect of tetragonal ZrO ₂ on the catalytic activity of Ni/ZrO ₂ catalyst prepared from amorphous Ni-Zr alloys. <i>Catalysis Communications</i> , 2006, 7, 24-28.	4.5	138
272	Spark anodising of titanium for biomedical applications. <i>Transactions of the Institute of Metal Finishing</i> , 2006, 84, 125-133.	1.8	25
273	Anodic oxidation of InAlAs. <i>Corrosion Science</i> , 2006, 48, 126-136.	8.1	4
274	Anodic behaviour of a model second phase: Al ₂₀ at.%Mg ₂₀ at.%Cu. <i>Corrosion Science</i> , 2006, 48, 1225-1248.	8.1	37
275	Generation of copper nanoparticles during alkaline etching of an Al ₃₀ at.%Cu alloy. <i>Corrosion Science</i> , 2006, 48, 1874-1884.	8.1	15
276	Origin of Hydrogen in Anodized Niobium. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2006, 57, 676-678.	0.1	1
277	Title is missing!. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2006, 56, 454-458.	0.4	9
278	A flow model of porous anodic film growth on aluminium. <i>Electrochimica Acta</i> , 2006, 52, 681-687.	5.3	387
279	High rate capability of carbon nanofilaments with platelet structure as anode materials for lithium ion batteries. <i>Electrochemistry Communications</i> , 2006, 8, 1275-1279.	3.9	74
280	Suppression of Field Crystallization of Anodic Niobia by Oxygen. <i>Journal of the Electrochemical Society</i> , 2006, 153, B173.	3.1	13
281	Field Crystallization of Anodic Niobia on Nb-O Substrates. <i>ECS Transactions</i> , 2006, 1, 343-349.	0.5	2
282	Growth of anodic oxide films on oxygen-containing niobium. <i>Electrochimica Acta</i> , 2005, 50, 5334-5339.	5.3	29
283	Composition and density of non-thickness-limited anodic films on aluminium and tantalum. <i>Thin Solid Films</i> , 2005, 471, 118-122.	1.9	6
284	Inter-relationship between structure and dielectric properties of crystalline anodic zirconia. <i>Thin Solid Films</i> , 2005, 479, 144-151.	1.9	43
285	Formation of oxidation resistant graphite flakes by ultrathin silicone coating. <i>Surface and Coatings Technology</i> , 2005, 194, 24-30.	5.7	19
286	Oxidation-resistant multilayer coatings using an anodic alumina layer as a diffusion barrier on ³ TiAl substrates. <i>Surface and Coatings Technology</i> , 2005, 200, 2438-2444.	5.7	36
287	High-capacity negative electrode materials composed of Si-C-O glass-like compounds and exfoliated graphite for lithium ion battery. <i>Carbon</i> , 2005, 43, 1111-1114.	10.7	26
288	Synthesis of Nano-carbon Materials Using a Porous Alumina Template Formed by Anodizing of Etched Aluminum Foil. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2005, 56, 352-353.	0.1	3

#	ARTICLE	IF	PR CITATIONS
289	Nanoporous Anodic Niobium Oxide Formed in Phosphate/Glycerol Electrolyte. <i>Electrochemical and Solid-State Letters</i> , 2005, 8, B17-B20.	2.3	44
290	Influence of Film Composition on the Structure and Dielectric Properties of Anodic Films on Ti-W Alloys. <i>Journal of the Electrochemical Society</i> , 2005, 152, B263.	3.1	40
291	Ageing effects in the growth of chromate conversion coatings on aluminium. <i>Corrosion Science</i> , 2005, 47, 145-150.	8.1	13
292	Chromate conversion coatings on aluminium-copper alloys. <i>Corrosion Science</i> , 2005, 47, 341-354.	8.1	34
293	The valence state of copper in anodic films formed on Al-1at.% Cu alloy. <i>Corrosion Science</i> , 2005, 47, 1299-1306.	8.1	32
294	Behaviour of zinc in electropolished and etched Al-Zn alloys and effect on corrosion potential. <i>Corrosion Science</i> , 2005, 47, 2321-2331.	8.1	4
295	Effect of Copper Enrichment on the Electrochemical Potential of Binary Al-Cu Alloys. <i>Journal of the Electrochemical Society</i> , 2004, 151, B16.	3.1	42
296	Anodic oxidation of Mg-Cu and Mg-Zn alloys. <i>Electrochimica Acta</i> , 2004, 49, 899-904.	5.3	51
297	Corrigendum to "Anodic oxidation of Mg-Cu and Mg-Zn alloys" [<i>Electrochim. Acta</i> 49 (2004) 899-904]. <i>Electrochimica Acta</i> , 2004, 49, 4803.	5.3	3
298	Synthesis of submicrometer-sized β -SiC particles from the precursors composed of exfoliated graphite and silicone. <i>Carbon</i> , 2004, 42, 737-744.	10.7	21
299	Formation of platelet structure carbon nanofilaments by a template method. <i>Carbon</i> , 2004, 42, 2756-2759.	10.7	35
300	Rf-GDOES depth profiling analysis of a monolayer of thiourea adsorbed on copper. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 692.	3.0	62
301	Incorporation of transition metal ions and oxygen generation during anodizing of aluminium alloys. <i>Corrosion Science</i> , 2004, 46, 2041-2053.	8.1	39
302	Examination of surface films on aluminium and its alloys by low-voltage scanning and scanning transmission electron microscopy. <i>Corrosion Science</i> , 2004, 46, 2549-2561.	8.1	5
303	Transport numbers of metal and oxygen species in anodic tantalum. <i>Corrosion Science</i> , 2004, 46, 2817-2824.	8.1	26
304	Chromate conversion coatings on aluminium: influences of alloying. <i>Corrosion Science</i> , 2004, 46, 297-312.	8.1	23
305	Reducing Gas Sensing Based on the Redox Interconversion of Neodymium (III) Chromate(V). <i>Chemistry Letters</i> , 2004, 33, 992-993.	1.0	1
306	Influences of structure and composition on growth of anodic oxide films on Ti-Zr alloys. <i>Electrochimica Acta</i> , 2003, 48, 3257-3266.	5.3	81

#	ARTICLE	IF	PR CITATIONS
307	Influence of silicon species on the electric properties of anodic niobia. <i>Electrochimica Acta</i> , 2003, 48, 3519-3526.	5.3	32
308	Behaviour of hydrogen impurity in aluminium alloys during anodizing. <i>Thin Solid Films</i> , 2003, 424, 201-207.	1.9	16
309	Formation of N ₂ O gas bubbles in anodic films on NbN _x alloys. <i>Thin Solid Films</i> , 2003, 429, 159-166.	1.9	16
310	Formation of barrier-type amorphous anodic films on Ti-Mo alloys. <i>Surface and Coatings Technology</i> , 2003, 169-170, 151-154.	5.7	40
311	Formation of black anodic films on aluminum in acid electrolytes containing titanium complex anion. <i>Surface and Coatings Technology</i> , 2003, 169-170, 155-159.	5.7	13
312	Mechanical properties of barrier-type anodic alumina films using nanoindentation. <i>Surface and Coatings Technology</i> , 2003, 173, 293-298.	5.7	35
313	Impact of RF-GD-OES in practical surface analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2003, 58, 1573-1583.	3.4	38
314	Morphology of enriched alloy layers in an anodized Al-Cu alloy. <i>Applied Surface Science</i> , 2003, 205, 121-127.	6.7	27
315	Interconversion between Rare-Earth Metal(III) Chromates(V) and Low-Crystalline Phases by Reduction with Methanol and Oxidation in Air. <i>Chemistry of Materials</i> , 2003, 15, 2419-2428.	6.8	6
316	Oxygen generation in anodized Ta-Cu alloys. <i>Philosophical Magazine</i> , 2003, 83, 2733-2746.	1.7	3
317	Grain orientation effects on copper enrichment and oxygen generation during anodizing of an Al-1at.%Cu alloy. <i>Corrosion Science</i> , 2003, 45, 789-797.	8.1	44
318	Enrichment factors for copper in aluminium alloys following chemical and electrochemical surface treatments. <i>Corrosion Science</i> , 2003, 45, 1539-1544.	8.1	49
319	Anodic film growth in the Al-Ta alloy system. <i>Corrosion Science</i> , 2003, 45, 1803-1813.	8.1	21
320	High resistivity magnesium-rich layers and current instability in anodizing a Mg/Ta alloy. <i>Corrosion Science</i> , 2003, 45, 1779-1792.	8.1	25
321	Crystallization of anodic titania on titanium and its alloys. <i>Corrosion Science</i> , 2003, 45, 2063-2073.	8.1	235
322	Initial stages of plasma electrolytic oxidation of titanium. <i>Corrosion Science</i> , 2003, 45, 2757-2768.	8.1	118
323	Anodic oxidation of Ta/Fe alloys. <i>Corrosion Science</i> , 2003, 45, 2881-2892.	8.1	7
324	Influence of current density on transport numbers in anodic oxide films on an anodized Al-5.7at.%W alloy. <i>Corrosion Science</i> , 2003, 45, 2905-2913.	8.1	15

#	ARTICLE	IF	PR CITATIONS
325	Influence of oxidation rate and alloy composition on alloy enrichments of anodized Al-W alloys. Corrosion Science, 2003, 45, 2915-2923.	8.1	2
326	Compositional Self-Organizing in the Anodic Film on a Mg-Ta Alloy. Journal of the Electrochemical Society, 2003, 150, B439.	3.1	3
327	Direct Plating of Electroless Ni-P Layers on Sputter-Deposited Al-Ni Alloy Films. Journal of the Electrochemical Society, 2003, 150, C461.	3.1	15
328	Improving the performance of aerospace alloys. Aircraft Engineering and Aerospace Technology, 2003, 75, 372-379.	3.0	28
329	Title is missing!. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2003, 54, 456-461.	0.1	10
330	Ionic Transport in Anodically Oxidized Al/W Layers. Journal of the Electrochemical Society, 2002, 149, B23.	3.1	24
331	Behavior of Impurity and Minor Alloying Elements during Surface Treatments of Aluminum. Journal of the Electrochemical Society, 2002, 149, B139.	3.1	33
332	Transmission Electron Microscopy of Non-Thickness-Limited Anodic Films on Tantalum. Journal of the Electrochemical Society, 2002, 149, B531.	3.1	7
333	Formation of Anodic Films on Magnesium Alloys in an Alkaline Phosphate Electrolyte. Journal of the Electrochemical Society, 2002, 149, B4.	3.1	71
334	Ionic Mobilities in Amorphous Anodic Titania. Journal of the Electrochemical Society, 2002, 149, B70.	3.1	51
335	Synthesis of C/B 4 C composites from sugar-boric acid mixed solutions. Molecular Crystals and Liquid Crystals, 2002, 386, 15-20.	1.2	7
336	Roles of aluminium and chromium in sulfidation and oxidation of sputter-deposited Al- and Cr-refractory metal alloys. Corrosion Science, 2002, 44, 285-301.	8.1	17
337	Materials for global carbon dioxide recycling. Corrosion Science, 2002, 44, 371-386.	8.1	57
338	Transient anodic oxidation of an Al-W alloy: effects of current ratio. Corrosion Science, 2002, 44, 751-760.	8.1	3
339	Ionic transport in amorphous anodic titania stabilised by incorporation of silicon species. Corrosion Science, 2002, 44, 1047-1055.	8.1	109
340	Anodic film growth on an Al-21at.%Mg alloy. Corrosion Science, 2002, 44, 1133-1142.	8.1	50
341	Molybdate/Al(III) composite films on steel and zinc-plated steel by chemical conversion. Corrosion Science, 2002, 44, 1889-1900.	8.1	22
342	Enrichment of alloying elements in anodized magnesium alloys. Corrosion Science, 2002, 44, 1941-1948.	8.1	34

#	ARTICLE	IF	PR CITATIONS
343	Oxygen evolution within barrier oxide films. Corrosion Science, 2002, 44, 2153-2159.	8.1	43
344	Enrichment behaviour of gallium in heat and surface treatments of Al-Ga foils. Corrosion Science, 2002, 44, 2725-2735.	8.1	12
345	Oxidation behavior of Mo ₅ SiB ₂ -based alloy at elevated temperatures. Intermetallics, 2002, 10, 407-414.	4.7	111
346	Mechanical properties of amorphous anodic alumina and tantala films using nanoindentation. Nanotechnology, 2002, 13, 451-455.	2.7	102
347	Damage of alumina films by medium energy hydrogen and helium ions. Nuclear Instruments & Methods in Physics Research B, 2002, 197, 265-270.	1.2	3
348	Influence of molybdenum species on growth of anodic titania. Electrochimica Acta, 2002, 47, 3837-3845.	5.3	39
349	Role of metal ion impurities in generation of oxygen gas within anodic alumina. Electrochimica Acta, 2002, 47, 1225-1228.	5.3	20
350	Anodic film growth on tantalum in dilute phosphoric acid solution at 20 and 85°C. Electrochimica Acta, 2002, 47, 2761-2767.	5.3	42
351	Characterization of electrodeposited WO ₃ films and its application to electrochemical wastewater treatment. Electrochimica Acta, 2002, 47, 4181-4188.	5.3	121
352	Porous tantala and alumina films from non-thickness limited anodising in phosphate/glycerol electrolyte. Electrochimica Acta, 2002, 48, 37-42.	5.3	28
353	Title is missing!. Journal of Applied Electrochemistry, 2002, 32, 993-1000.	2.5	39
354	Microstructure of cobalt dispersed carbon sphere prepared from chelate resin. Synthetic Metals, 2001, 125, 167-170.	4.5	15
355	Glow discharge optical emission spectroscopy – a powerful tool for the study of compositional non-uniformity in electrodeposited films. Corrosion Science, 2001, 43, 199-205.	8.1	10
356	Synergistic effect of three corrosion-resistant elements on corrosion resistance in concentrated hydrochloric acid. Corrosion Science, 2001, 43, 171-182.	8.1	22
357	An attempt at preparation of corrosion-resistant bulk amorphous Ni-Cr-Ta-Mo-P-B alloys. Corrosion Science, 2001, 43, 183-191.	8.1	36
358	Enrichment of alloying elements beneath anodic oxides: investigation of Ta-1.5 at.% Cu alloy. Corrosion Science, 2001, 43, 993-1002.	8.1	14
359	The behaviour of iron during anodic oxidation of sputtering-deposited Al-Fe alloys. Corrosion Science, 2001, 43, 1393-1402.	8.1	33
360	Role of oxygen bubble generation in anodic film growth on InP. Corrosion Science, 2001, 43, 2173-2184.	8.1	9

#	ARTICLE	IF	PR CITATIONS
361	Influence of current density in anodizing of an Al-W alloy. Corrosion Science, 2001, 43, 2217-2227.	8.1	30
362	Influence of surface treatment on detachment of anodic films from Al-Mg alloys. Corrosion Science, 2001, 43, 2349-2357.	8.1	10
363	History effects in anodic oxidation of Al-W alloys. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 2001, 81, 1579-1595.	0.8	13
364	Advanced materials for global carbon dioxide recycling. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 304-306, 88-96.	6.3	55
365	Highly corrosion-resistant Ni-based bulk amorphous alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 304-306, 753-757.	6.3	78
366	Migration of oxalate ions in anodic alumina. Electrochimica Acta, 2001, 46, 4379-4382.	5.3	24
367	Title is missing!. Journal of Materials Science, 2001, 36, 2237-2243.	3.5	9
368	Title is missing!. Journal of Materials Science, 2001, 36, 1253-1259.	3.5	3
369	Preparation of corrosion-resistant amorphous Ni-Cr-P-B bulk alloys containing molybdenum and tantalum. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 304-306, 696-700.	6.3	43
370	Corrosion behaviour of amorphous Ni-Cr-Nb-P-B bulk alloys in 6M HCl solution. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 318, 77-86.	6.3	25
371	Nanocrystalline manganese-molybdenum-tungsten oxide anodes for oxygen evolution in seawater electrolysis. Scripta Materialia, 2001, 44, 1659-1662.	5.4	38
372	Effects of nanoscale heterogeneity on the corrosion behavior of non-equilibrium alloys. Scripta Materialia, 2001, 44, 1655-1658.	5.4	19
373	Importance of amorphous-to-crystalline transitions for ionic transport and oxygen generation in anodic films. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 2000, 80, 1027-1042.	0.8	12
374	The durability of manganese-molybdenum oxide anodes for oxygen evolution in seawater electrolysis. Electrochimica Acta, 2000, 45, 2297-2303.	5.3	76
375	Migration of sulphate ions in anodic alumina. Electrochimica Acta, 2000, 45, 1805-1809.	5.3	54
376	The formation of anodic oxides on InAs at high efficiency in sodium tungstate electrolyte. Thin Solid Films, 2000, 371, 303-309.	1.9	4
377	Influence of Thermal and Surface Treatments on Distributions of Lead in Al-Pb Foils. Journal of the Electrochemical Society, 2000, 147, 132.	3.1	18
378	Oxidation Behavior of Amorphous Ni-Zr and Ni-Zr-Sm Alloys. Journal of the Electrochemical Society, 2000, 147, 4502.	3.1	19

#	ARTICLE	IF	PR CITATIONS
379	Morphological Development of Oxygen Bubbles in Anodic Alumina. Journal of the Electrochemical Society, 2000, 147, 1747.	3.1	59
380	Anodic film growth on Al–Nd alloys. Corrosion Science, 2000, 42, 1823-1830.	8.1	29
381	Formation of anodic oxides on Al _{0.2} Ga _{0.8} As and Al _{0.8} Ga _{0.2} As in tungstate electrolytes. Corrosion Science, 2000, 42, 1839-1851.	8.1	4
382	Morphology, composition and structure of anodic films on Al–Cr alloys. Corrosion Science, 2000, 42, 533-544.	8.1	18
383	Gallium enrichment and film detachment during anodizing of an Al–Ga alloy. Corrosion Science, 2000, 42, 405-419.	8.1	10
384	Effects of nanocrystalline heterogeneity on the corrosion behavior of sputter-deposited chromium–niobium alloys. Corrosion Science, 2000, 42, 361-382.	8.1	19
385	High temperature oxidation of a Nb–Al–Si coating sputter-deposited on titanium. Corrosion Science, 2000, 42, 721-729.	8.1	25
386	Selective oxidation of aluminium and interfacial enrichment of iron during anodic oxide growth on an Al ₆ Fe phase. Corrosion Science, 2000, 42, 831-840.	8.1	31
387	Mobility of lithium ions in anodic alumina formed on an Al–Li alloy. Corrosion Science, 2000, 42, 1083-1091.	8.1	14
388	Electrodeposited Ni-Fe-C Cathodes for Hydrogen Evolution. Journal of the Electrochemical Society, 2000, 147, 3003.	3.1	56
389	Examination of Cross Sections of Thin Films by Atomic Force Microscopy. Journal of the Electrochemical Society, 1999, 146, 3711-3715.	3.1	11
390	Development of Iron-Rich Layers during Anodic Oxidation of Sputter-Deposited Al–4 atom % Fe Alloy. Journal of the Electrochemical Society, 1999, 146, 2502-2507.	3.1	28
391	Global CO ₂ recycling—novel materials and prospect for prevention of global warming and abundant energy supply. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 267, 200-206.	6.3	109
392	CO ₂ methanation catalysts prepared from amorphous Ni–Zr–Sm and Ni–Zr–misch metal alloy precursors. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 267, 220-226.	6.3	57
393	Ni–Mo–O alloy cathodes for hydrogen evolution in hot concentrated NaOH solution. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 267, 246-253.	6.3	27
394	Oxygen evolution on manganese–molybdenum oxide anodes in seawater electrolysis. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 267, 254-259.	6.3	70
395	Sulfidation- and oxidation-resistant alloys prepared by sputter deposition. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 267, 267-276.	6.3	5
396	The sulfidation and oxidation behavior of sputter-deposited Al–Nb–Mo alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 267, 277-284.	6.3	1

#	ARTICLE	IF	PR CITATIONS
397	Corrosion-resistant Mn–Zr–Cr alloys in chloride-containing media. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1999, 267, 285-293.	6.3	6
398	Impurity distributions in barrier anodic films on aluminium: a GDOES depth profiling study. <i>Electrochimica Acta</i> , 1999, 44, 2297-2306.	5.3	62
399	Gel formation and the efficiency of anodic film growth on aluminium. <i>Electrochimica Acta</i> , 1999, 44, 2423-2435.	5.3	96
400	Title is missing!. <i>Journal of Applied Electrochemistry</i> , 1999, 29, 769-775.	2.5	84
401	Effect of silicon preimplantation on carbon nitride formation by nitrogen implantation into glassy carbon. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1999, 152, 301-306.	1.2	3
402	Anodizing of aluminium alloys. <i>Aircraft Engineering and Aerospace Technology</i> , 1999, 71, 228-238.	3.0	99
403	Anodic oxidation of an Al–2 wt% Cu alloy: effect of grain orientation. <i>Corrosion Science</i> , 1999, 41, 1089-1094.	8.1	40
404	Electrochemical and XPS studies of the corrosion behavior of sputter-deposited amorphous Fe–Cr–Ni–Nb alloys in 6 M HCl. <i>Corrosion Science</i> , 1999, 41, 1095-1118.	8.1	12
405	Film formation and detachment during anodizing of Al–Mg alloys. <i>Corrosion Science</i> , 1999, 41, 1599-1613.	8.1	137
406	Direct evidence for interfacial enrichment of iron during anodic oxide growth on an Al ₆ Fe phase. <i>Corrosion Science</i> , 1999, 41, 1783-1790.	8.1	13
407	The corrosion behavior of sputter-deposited amorphous Fe–Cr–Ni–Ta alloys in 12 M HCl. <i>Corrosion Science</i> , 1999, 41, 1849-1869.	8.1	24
408	The degradation of the corrosion resistance of sputter-deposited chromium–titanium alloys by nanoscale heterogeneity. <i>Corrosion Science</i> , 1999, 41, 1871-1890.	8.1	24
409	Formation of manganese-rich layers during anodizing of Al–Mn alloys. <i>Corrosion Science</i> , 1999, 41, 2053-2069.	8.1	42
410	Incorporation and migration of Cr ³⁺ and PO ₃ ⁴⁻ species in anodic alumina. <i>Corrosion Science</i> , 1999, 41, 1971-1976.	8.1	11
411	Residual flaws due to formation of oxygen bubbles in anodic alumina. <i>Corrosion Science</i> , 1999, 41, 1945-1954.	8.1	59
412	Formation and accommodation of gold atom clusters and oxygen bubbles during amorphous anodic alumina growth. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 1999, 455, 385-399.	2.1	18
413	Acid- and Alkali-Resistant Film Generation on an Al-Mn-Ce Alloy. <i>Transactions of the Institute of Metal Finishing</i> , 1999, 77, 95-98.	1.8	1
414	Adhesion of Anodic Films on Aluminum-Lithium Alloys. <i>Corrosion</i> , 1999, 55, 561-565.	1.2	16

#	ARTICLE	IF	PR CITATIONS
415	Anodically deposited manganese oxide and manganese tungsten oxide electrodes for oxygen evolution from seawater. <i>Electrochimica Acta</i> , 1998, 43, 3303-3312.	5.3	106
416	Electrochemical and XPS studies on the passivation behavior of sputter-deposited W-Cr Alloys in 12 M HCl solution. <i>Corrosion Science</i> , 1998, 40, 155-175.	8.1	32
417	Experimental evidence for the critical size of heterogeneity areas for pitting corrosion of Cr-Zr alloys in 6 M HCl. <i>Corrosion Science</i> , 1998, 40, 1-17.	8.1	74
418	Electrochemical and XPS studies of the corrosion behavior of sputter-deposited W-Nb alloys in concentrated hydrochloric acid solutions. <i>Corrosion Science</i> , 1998, 40, 19-42.	8.1	32
419	Passivity and its breakdown on sputter-deposited amorphous Mn-Zr alloys in neutral chloride solutions. <i>Corrosion Science</i> , 1998, 40, 235-250.	8.1	6
420	The passivation behavior of sputter-deposited W-Ta alloys in 12 M HCl. <i>Corrosion Science</i> , 1998, 40, 757-779.	8.1	55
421	An XPS study of passive films on sputter-deposited Cr-Nb alloys in 12 M HCl solution. <i>Corrosion Science</i> , 1998, 40, 821-838.	8.1	21
422	Anodic oxidation of Al-Ce alloys and inhibitive behaviour of cerium species. <i>Corrosion Science</i> , 1998, 40, 871-885.	8.1	37
423	Anomalously low levels of anion incorporation into anodic oxide films on tungsten. <i>Corrosion Science</i> , 1998, 40, 1229-1238.	8.1	12
424	Direct observation of anodic films formed on tantalum in concentrated phosphoric and sulphuric acid solutions. <i>Corrosion Science</i> , 1998, 40, 963-973.	8.1	25
425	The effect of alloying elements on the corrosion behaviour of sputter-deposited amorphous Mn-Ta-Cr alloys in 1 M H ₂ SO ₄ . <i>Corrosion Science</i> , 1998, 40, 1491-1512.	8.1	11
426	XPS and electrochemical studies on the corrosion behaviour of sputter-deposited amorphous Mn-Nb alloys in a neutral chloride solution. <i>Corrosion Science</i> , 1998, 40, 1513-1531.	8.1	17
427	Electrochemical and XPS studies of the passivation behavior of sputter-deposited Cr-Ta alloys in 12 M HCl. <i>Corrosion Science</i> , 1998, 40, 1587-1604.	8.1	14
428	The influence of concentration of hydrochloric acid solutions on the passivation behavior of sputter-deposited tungsten rich W-Nb alloys. <i>Corrosion Science</i> , 1998, 40, 1897-1914.	8.1	10
429	Void formation and alloy enrichment during anodizing of aluminium alloys containing cadmium, indium and tin. <i>Corrosion Science</i> , 1998, 40, 2125-2139.	8.1	20
430	The behaviour of chromium during anodizing of Al-Cr alloys. <i>Corrosion Science</i> , 1998, 41, 213-227.	8.1	13
431	Interactions of alloying elements during anodizing of dilute Al-Au-Cu and Al-W-Zn alloys and consequences for film growth. <i>Corrosion Science</i> , 1998, 41, 291-304.	8.1	17
432	The effect of heat treatment on the corrosion behavior of sputter-deposited aluminum-chromium alloys. <i>Corrosion Science</i> , 1998, 41, 477-499.	8.1	39

#	ARTICLE	IF	PR CITATIONS
433	Co-methanation of carbon monoxide and carbon dioxide on supported nickel and cobalt catalysts prepared from amorphous alloys. <i>Applied Catalysis A: General</i> , 1998, 172, 131-140.	4.6	118
434	Direct Observation of Anodic Films Formed on Gallium Phosphide in Aqueous Tungstate Electrolyte. <i>Journal of the Electrochemical Society</i> , 1998, 145, 3011-3015.	3.1	6
435	Influence of tungsten species on the structure of anodic titania. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 1998, 78, 171-188.	0.8	23
436	The behaviour of ion-implanted tungsten species during anodic oxidation of aluminium. <i>Journal Physics D: Applied Physics</i> , 1998, 31, 2083-2090.	3.0	2
437	Direct evidence of the formation of Al ₂ Au nanocrystals at the alloy-film interface of anodized Al-Au alloys. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 1998, 77, 267-272.	0.8	6
438	Influence of tungsten species on the structure of anodic titania. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 1998, 78, 171-187.	0.8	8
439	Anodic Oxidation of Al-Cr Alloys and the Valence State of Chromium. <i>Journal of the Electrochemical Society</i> , 1997, 144, 4217-4222.	3.1	14
440	Incorporation of Tungsten Species into the Anodic Film on Zr ₂ .7 Atom Percent W Alloy. <i>Journal of the Electrochemical Society</i> , 1997, 144, 3492-3495.	3.1	4
441	The Composition and Morphology of Anodic Films on Al-Mo Alloys. <i>Journal of the Electrochemical Society</i> , 1997, 144, 847-855.	3.1	27
442	Effects of Alloying Elements in Anodizing of Aluminium. <i>Transactions of the Institute of Metal Finishing</i> , 1997, 75, 18-23.	1.8	201
443	Anodic film formation on Al - Au alloys: enrichment of gold in the alloy and subsequent evolution of oxygen. <i>Journal Physics D: Applied Physics</i> , 1997, 30, 1833-1841.	3.0	26
444	Interrelationships between ionic transport and composition in amorphous anodic oxides. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 1997, 453, 1593-1609.	2.1	49
445	Evidence of oxygen bubbles formed within anodic films on aluminium-copper alloys. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 1997, 76, 729-741.	0.8	84
446	The sulfidation and oxidation behavior of sputter-deposited amorphous Al-Nb-Si alloys at high temperatures. <i>Corrosion Science</i> , 1997, 39, 9-26.	8.1	26
447	The sulfidation and oxidation behavior of sputter-deposited Al-Ta alloys at high temperatures. <i>Corrosion Science</i> , 1997, 39, 59-76.	8.1	28
448	The corrosion behaviour of sputter-deposited amorphous Mn-Ti alloys in 0.5 M NaCl solutions. <i>Corrosion Science</i> , 1997, 39, 305-320.	8.1	29
449	The roles of tantalum and phosphorus in the corrosion behavior of Ni-Ta-P alloys in 12 M HCl. <i>Corrosion Science</i> , 1997, 39, 321-332.	8.1	18
450	The effect of molybdenum on the stability of passive films formed on amorphous Fe-Cr-Mo-P-C alloys by potentiostatic polarization in deaerated 1 M HCl. <i>Corrosion Science</i> , 1997, 39, 589-603.	8.1	12

#	ARTICLE	IF	PR CITATIONS
451	An XPS study of passive films on corrosion-resistant Cr—Zr alloys prepared by sputter deposition. Corrosion Science, 1997, 39, 1365-1380.	8.1	46
452	The sulfidation and oxidation behavior of sputter-deposited Al—Ta—Si alloys at high temperatures. Corrosion Science, 1997, 39, 1571-1583.	8.1	9
453	The corrosion behaviour of sputter-deposited amorphous Mn-Ta alloys in 0.5 M NaCl solution. Corrosion Science, 1997, 39, 1965-1979.	8.1	17
454	The effect of structural heterogeneity on the pitting corrosion behavior of melt-spun amorphous Ni—Zr alloys. Corrosion Science, 1997, 39, 2005-2018.	8.1	15
455	Spontaneously passivated films on sputter-deposited Cr-Ti alloys in 6 M HCl solution. Corrosion Science, 1997, 39, 935-948.	8.1	27
456	The co-enrichment of alloying elements in the substrate by anodic oxidation of Al-Cu-W alloys. Corrosion Science, 1997, 39, 339-354.	8.1	25
457	Electrochemical and xps studies of the corrosion behavior of sputter-deposited amorphous W-Zr alloys in 6 and 12 M HCl solutions. Corrosion Science, 1997, 39, 355-375.	8.1	37
458	The incorporation and mobility of chromium species in anodic alumina films. Corrosion Science, 1997, 39, 719-730.	8.1	14
459	Nanoscale enrichments of substrate elements in the growth of thin oxide films. Corrosion Science, 1997, 39, 731-737.	8.1	95
460	Incorporation and mobility of zinc ions in anodic alumina films. Thin Solid Films, 1997, 292, 150-155.	1.9	22
461	NO decomposition catalysts prepared from amorphous NiTaPd alloys. Applied Catalysis B: Environmental, 1997, 11, 243-255.	20.5	2
462	Title is missing!. Journal of Applied Electrochemistry, 1997, 27, 1362-1368.	2.5	31
463	Compositional dependence of the CO ₂ methanation activity of Ni/ZrO ₂ catalysts prepared from amorphous NiZr alloy precursors. Applied Catalysis A: General, 1997, 163, 187-197.	4.6	65
464	The sulfidation and oxidation behavior of sputter-deposited Cr-refractory metal alloys at high temperatures. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1997, 226-228, 910-914.	6.3	6
465	Corrosion-resistant amorphous aluminum alloys and structure of passive films. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1997, 226-228, 920-924.	6.3	16
466	Characterization of sputter-deposited Ni-Mo and Ni-W alloy electrocatalysts for hydrogen evolution in alkaline solution. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1997, 226-228, 905-909.	6.3	77
467	Sulphide precipitation above anodic alumina formed in thiomolybdate electrolyte. Surface and Coatings Technology, 1997, 89, 262-269.	5.7	2
468	Copper enrichment in Al-Cu alloys due to electropolishing and anodic oxidation. Thin Solid Films, 1997, 293, 327-332.	1.9	121

#	ARTICLE	IF	PR CITATIONS
469	Formation of amorphous anodic oxide films of controlled composition on aluminium alloys. <i>Thin Solid Films</i> , 1997, 300, 131-137.	1.9	71
470	Mobility of copper ions in anodic alumina films. <i>Electrochimica Acta</i> , 1997, 42, 2627-2635.	5.3	82
471	The corrosion behavior of amorphous and crystalline Ni-10Ta-20P alloys in 12 M HCl. <i>Corrosion Science</i> , 1996, 38, 1269-1279.	8.1	28
472	The sulfidation and oxidation behavior of sputter-deposited amorphous Al-Nb alloys at high temperatures. <i>Corrosion Science</i> , 1996, 38, 1431-1447.	8.1	28
473	Enrichment-dependent anodic oxidation of Zinc in Al-Zn Alloys. <i>Corrosion Science</i> , 1996, 38, 1563-1577.	8.1	47
474	Barrier-type anodic film formation on an Al-3.5 wt% Cu alloy. <i>Corrosion Science</i> , 1996, 38, 59-72.	8.1	108
475	The effect of phosphorus addition on the corrosion behavior of ARC-MELTED Ni ₈₀ Ta ₁₀ P alloys in 12 M HCl. <i>Corrosion Science</i> , 1996, 38, 469-485.	8.1	6
476	The importance of surface treatment to the anodic oxidation behaviour of Al ₈₀ Cu alloys. <i>Corrosion Science</i> , 1996, 38, 1033-1042.	8.1	103
477	The incorporation of metal ions into anodic films on aluminium alloys. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1996, 73, 445-460.	0.6	70
478	The corrosion behavior of sputter-deposited Mo-Ti alloys in concentrated hydrochloric acid. <i>Corrosion Science</i> , 1996, 38, 1649-1667.	8.1	54
479	An investigation of microgalvanic corrosion using a model magnesium-silicon carbide metal matrix composite. <i>Corrosion Science</i> , 1996, 38, 1721-1729.	8.1	31
480	The corrosion behavior of sputter-deposited Mo-Nb alloys in 12 M HCl solution. <i>Corrosion Science</i> , 1996, 38, 1731-1750.	8.1	35
481	The role of chromium and molybdenum in passivation of amorphous Fe-Cr-Mo-P-C alloys in deaerated 1 M HCl. <i>Corrosion Science</i> , 1996, 38, 2137-2151.	8.1	61
482	The high temperature sulfidation behavior of Nb-Al-Si coatings sputter-deposited on a stainless steel. <i>Corrosion Science</i> , 1996, 38, 2031-2042.	8.1	12
483	Decomposition of nitrogen monoxide over NiTa ₂ O ₆ -supported palladium catalysts prepared from amorphous alloy precursors. <i>Applied Catalysis B: Environmental</i> , 1996, 9, 93-106.	20.5	10
484	The Composition of the Alloy/Film Interface during Anodic Oxidation of Al ₈₀ W Alloys. <i>Journal of the Electrochemical Society</i> , 1996, 143, 2465-2470.	3.1	55
485	Anodizing of multilayer alloy films formed by sputter-deposition of valve metals. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1996, 73, 297-308.	0.6	23
486	A high-resolution, analytical study of the anodic film formed on GaAs in a tungstate electrolyte. <i>Journal Physics D: Applied Physics</i> , 1996, 29, 2545-2553.	3.0	8

#	ARTICLE	IF	PR CITATIONS
487	Effect of cathodic reduction on catalytic activity of amorphous alloy electrodes for electrooxidation of sulfite. Journal of Applied Electrochemistry, 1995, 25, .	2.5	0
488	Recent progress in corrosion-resistant metastable alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1995, 198, 1-10.	6.3	59
489	Direct observation of the anodic film on a sputter-deposited amorphous Al-W alloy. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1995, 71, 81-90.	0.6	38
490	Anodic film formation on sputter-deposited amorphous Al-Zr alloys. Journal Physics D: Applied Physics, 1995, 28, 2612-2618.	3.0	18
491	The corrosion behavior of sputter-deposited amorphous Mo-Zr alloys in 12 M HCl. Corrosion Science, 1995, 37, 307-320.	8.1	42
492	The effect of phosphorus addition on the corrosion behavior of amorphous Ni-30Ta-P alloys in 12 M HCl. Corrosion Science, 1995, 37, 321-330.	8.1	18
493	The effect of microcrystallites in the amorphous matrix on the corrosion behavior of amorphous Fe-8Cr-P alloys. Corrosion Science, 1995, 37, 1411-1422.	8.1	5
494	The effect of phosphorus on the passivation behavior of Ni-10Ta-P alloys in 12 M HCl. Corrosion Science, 1995, 37, 1313-1324.	8.1	12
495	Anodic film formation on a sputter-deposited Al-30at%Mo alloy. Corrosion Science, 1995, 37, 1497-1509.	8.1	54
496	The effect of phosphorus addition on the corrosion behavior of amorphous Fe-8Cr-P alloys in 9M H ₂ SO ₄ . Corrosion Science, 1995, 37, 709-722.	8.1	19
497	Amorphous alloy electrodes for anodic oxidation of sulfite. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 181-182, 1081-1084.	6.3	2
498	Corrosion behavior of sputter-deposited Co-base alloy films in neutral solutions. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 181-182, 1109-1113.	6.3	6
499	Highly corrosion-resistant amorphous Cr _{1-x} Ni _x P alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 181-182, 1114-1118.	6.3	5
500	Amorphous alloy catalysts for decomposition of CCl ₂ F ₂ by hydrolysis. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 181-182, 1091-1094.	6.3	6
501	New amorphous alloys resistant to high temperature corrosion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 181-182, 1099-1103.	6.3	13
502	Effect of phosphorus on the passivation behavior of amorphous Fe ₈₀ Cr ₁₃ P ₇ C alloy in 9M H ₂ SO ₄ solution. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 181-182, 1119-1122.	6.3	2
503	Nitrogen monoxide decomposition catalysts prepared from amorphous Ni-valve metal-Pd alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 181-182, 1123-1127.	6.3	10
504	The corrosion behaviour of sputter-deposited amorphous Ni ₈₀ Ti alloys in 1 M HCl. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 181-182, 1128-1132.	6.3	21

#	ARTICLE	IF	PR CITATIONS
505	Amorphous Fe-valve metal-Pt group metal alloy catalysts for methanation of CO ₂ . Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 181-182, 1133-1136.	6.3	7
506	Amorphous Ni ₃ Nb ₃ Pt alloy catalysts for electro-oxidation of ethylene. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 181-182, 1137-1140.	6.3	8
507	An XPS study of the corrosion behavior of sputter-deposited amorphous Cr-Nb and Cr-Ta alloys in 12 M HCl solution. Corrosion Science, 1994, 36, 511-523.	8.1	42
508	The sulphidation behavior of Mo ₃ Al alloys with low aluminum contents. Corrosion Science, 1994, 36, 1499-1511.	8.1	10
509	The corrosion behavior of amorphous Fe-8Cr-13P-7C and Fe-8Cr-20P alloys in concentrated sulfuric acid. Corrosion Science, 1994, 36, 1537-1550.	8.1	16
510	The corrosion behavior of sputter-deposited amorphous Cr-Ni-Mo alloys in 12 M HCl. Corrosion Science, 1994, 36, 1395-1410.	8.1	30
511	On the growth mechanism of the sulphide scale on amorphous Al ₃ Mo alloys. Corrosion Science, 1994, 36, 199-202.	8.1	17
512	The sulphidation and oxidation behaviour of sputter-deposited amorphous Al ₃ Mo alloys at high temperatures. Corrosion Science, 1993, 34, 183-200.	8.1	41
513	The corrosion behavior of melt-spun Cr ₃ Ni ₃ 20P alloys in concentrated hydrochloric and hydrofluoric acids. Corrosion Science, 1993, 34, 201-215.	8.1	18
514	The corrosion behavior of sputter-deposited amorphous chromium-zirconium alloys in 6 M HCl solution. Corrosion Science, 1993, 34, 1817-1827.	8.1	53
515	Electrochemical and XPS studies of the effects of alloying elements on the corrosion behavior of amorphous Fe ₃ Cr ₃ Metalloid alloys in 9 M H ₂ SO ₄ . Corrosion Science, 1993, 34, 1829-1839.	8.1	16
516	The corrosion behavior of sputter-deposited amorphous Cr ₃ Nb and Cr ₃ Ta alloys in 12 M HCl solution. Corrosion Science, 1993, 34, 1947-1955.	8.1	49
517	The corrosion behavior of sputter-deposited amorphous titanium-chromium alloys in 1 M and 6 M HCl solutions. Corrosion Science, 1993, 34, 975-987.	8.1	55
518	On the unusual morphology of pitting corrosion of amorphous Ni ₃ Zr alloys. Corrosion Science, 1993, 34, 445-459.	8.1	29
519	The surface characterization of titanium and titanium-nickel alloys in sulfuric acid. Corrosion Science, 1993, 35, 43-49.	8.1	89
520	Corrosion-resistant amorphous surface alloys. Corrosion Science, 1993, 35, 363-370.	8.1	45
521	The effect of magnesium on the corrosion behavior of sputter-deposited amorphous Al ₃ Mg ₃ Ti ternary alloys in a neutral chloride solution. Corrosion Science, 1993, 34, 27-40.	8.1	14
522	The corrosion behavior of Cr ₃ P alloys in hydrofluoric acid. Corrosion Science, 1993, 34, 599-613.	8.1	14

#	ARTICLE	IF	PR CITATIONS
523	XPS and electrochemical studies of a melt-spun high chromium-nickel-phosphorus alloy in 6 M HCl. Corrosion Science, 1992, 33, 103-112.	8.1	15
524	The corrosion behavior of sputter-deposited amorphous copper-tantalum alloys in 12 M HCl. Corrosion Science, 1992, 33, 1507-1518.	8.1	46
525	The corrosion behavior of amorphous Ni ₃ Cr ₃ P alloys in concentrated hydrofluoric acid. Corrosion Science, 1992, 33, 1519-1528.	8.1	30
526	The corrosion behavior of sputter-deposited Al ₃ Zr alloys in 1 M HCl solution. Corrosion Science, 1992, 33, 425-436.	8.1	37
527	The corrosion behavior of amorphous Ni-Cr-19p alloys in hydrochloric acid. Corrosion Science, 1992, 33, 667-679.	8.1	27
528	The corrosion behavior of amorphous Fe-Cr-Mo-P-C and Fe-Cr-W-P-C alloys in 6 M HCl solution. Corrosion Science, 1992, 33, 225-236.	8.1	90
529	Amorphous nickel-valve metal-platinum group metal alloy electrodes for hydrogen-oxygen sulphuric acid fuel cells. Journal of Applied Electrochemistry, 1992, 22, 1017-1024.	2.5	18
530	Phases in sputter-deposited Cu-Ta alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1992, 156, 211-216.	6.3	18
531	The Effect of Tungsten on the Corrosion Behavior of Amorphous Fe-Cr-W-P Alloys in 1M HCl. Journal of the Electrochemical Society, 1991, 138, 76-81.	3.1	27
532	An XPS study of the corrosion behavior of sputter-deposited amorphous Al-W alloys in 1 M HCl. Corrosion Science, 1991, 32, 313-325.	8.1	61
533	The corrosion behavior of sputter-deposited Al-Ti alloys in 1 N HCl. Corrosion Science, 1991, 32, 327-335.	8.1	30
534	The effect of microcrystallites in the amorphous matrix on the corrosion behavior of melt-spun Cr ₃ Ni ₃ P alloys. Corrosion Science, 1991, 32, 433-442.	8.1	29
535	The corrosion behavior of sputter-deposited amorphous copper-niobium alloys in 12 N HCl. Corrosion Science, 1991, 32, 1213-1225.	8.1	32
536	The effects of structural relaxation and crystallization on the corrosion behavior of electrodeposited amorphous Ni ₃ P alloys. Corrosion Science, 1991, 32, 1227-1235.	8.1	23
537	Recent studies of chemical properties of amorphous alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1991, 133, 22-25.	6.3	12
538	The effect of molybdenum on the corrosion behavior of amorphous Fe ₃ Cr ₃ Mo ₃ Pi ₃ C alloys in hydrochloric acid. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1991, 134, 1033-1036.	6.3	16
539	Amorphous nickel-base alloy catalysts for oxidation of carbon monoxide by oxygen and nitrogen monoxide. Applied Catalysis, 1991, 76, 79-93.	0.9	19
540	Passivity of amorphous and crystalline Ni ₃ Ti alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1991, 134, 1025-1028.	6.3	2

#	ARTICLE	IF	PR CITATIONS
541	The effect of hydrogen on the passivity of iron-based and nickel-based amorphous alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1991, 134, 1074-1077.	6.3	20
542	Anodic polarization behaviour of sputter-deposited Al _i -Zr alloys in a neutral chloride-containing buffer solution. <i>Electrochimica Acta</i> , 1991, 36, 1227-1233.	5.3	55
543	The pitting corrosion behavior of sputter-deposited amorphous Al _i -Ti alloys in a neutral chloride-containing solution. <i>Journal of Non-Crystalline Solids</i> , 1990, 125, 25-31.	3.3	35
544	The effect of structural relaxation on the passivation behavior of amorphous Fe _i -Cr _i -W _i -P _i -C alloys. <i>Corrosion Science</i> , 1990, 31, 343-348.	8.1	16
545	Passivity and its breakdown on sputter-deposited amorphous Al-early transition metal alloys in 1 M HCl at 30°C. <i>Corrosion Science</i> , 1990, 31, 349-354.	8.1	71
546	The stability of passive state of melt-spun amorphous chromium-base alloys. <i>Corrosion Science</i> , 1990, 31, 355-360.	8.1	12
547	Passivity and its breakdown on sputter-deposited amorphous Al _i -Ti alloys in a neutral aqueous solution with Cl ⁻ . <i>Corrosion Science</i> , 1990, 31, 401-406.	8.1	43
548	A photoelectrochemical and ESCA study of passivity of amorphous nickel-valve metal alloys. <i>Corrosion Science</i> , 1990, 31, 727-732.	8.1	51
549	Electrochemical synthesis and structure of the first example of a ferrocene dication: propane-1,3-diyl-1,1-bis(tetramethylcyclopentadienyl)iron(2+). <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 828-829.	1.9	10
550	The anodic behavior of amorphous Ni-19P alloys in different amorphous states. <i>Corrosion Science</i> , 1989, 29, 1319-1328.	8.1	82
551	Synthesis and Crystal Structure of a Dinuclear Iron Tetracarbonyl Complex Containing a Ligand, η^5 -1,5-C ₅ Me ₄ CH ₂ CH ₂ CH ₂ C ₅ Me ₄ . <i>Chemistry Letters</i> , 1988, 17, 1041-1044.	1.0	11
552	Fast Cis-Trans Isomerization of Square-Planar Bis(diethyl sulfide)platinum(II) Complexes. Reaction of cis-Dichlorobis(diethylsulfide)platinum(II) with Mesityllithium. <i>Bulletin of the Chemical Society of Japan</i> , 1987, 60, 797-799.	3.8	7
553	Element Distribution in Porous Ga Oxide Obtained by Anodizing Ga in Phosphoric Acid. <i>Journal of the Electrochemical Society</i> , 0, , .	3.1	0
554	Lithiation of Anodic Magnetite "Hematite Nanotubes Formed on Iron. <i>ACS Applied Materials & Interfaces</i> , 0, , .	8.0	0