

# Xingbo Liu

## List of Publications by Year in descending order

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116  
papers

4,787  
citations

76326

40  
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110387

64  
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119  
all docs

119  
docs citations

119  
times ranked

4489  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface decorations to abrupt change performance, robustness, and stability of electrodes for solid oxide cells. <i>Journal of the American Ceramic Society</i> , 2023, 106, 133-156.	3.8	3
2	Protonic ceramic materials for clean and sustainable energy: advantages and challenges. <i>International Materials Reviews</i> , 2023, 68, 272-300.	19.3	16
3	An Investigation of the Electrochemical Activity of (Ba/Sr)FeO <sub>3-y</sub> Anodes. <i>Journal of the Electrochemical Society</i> , 2022, 169, 034525.	2.9	1
4	Methane Catalytic Pyrolysis by Microwave and Thermal Heating over Carbon Nanotube-Supported Catalysts: Productivity, Kinetics, and Energy Efficiency. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 5080-5092.	3.7	13
5	Polyvinyl alcohol coating induced preferred crystallographic orientation in aqueous zinc battery anodes. <i>Nano Energy</i> , 2022, 98, 107269.	16.0	102
6	NiO-based sensor for in situ CO monitoring above 1000°C: behavior and mechanism. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 2478-2490.	21.1	8
7	Low-temperature water electrolysis: fundamentals, progress, and new strategies. <i>Materials Advances</i> , 2022, 3, 5598-5644.	5.4	50
8	High-Entropy Perovskite as a High-Performing Chromium-Tolerant Cathode for Solid Oxide Fuel Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 24363-24373.	8.0	27
9	Engineering stable Zn-MnO <sub>2</sub> batteries by synergistic stabilization between the carbon nanofiber core and birnessite-MnO <sub>2</sub> nanosheets shell. <i>Chemical Engineering Journal</i> , 2021, 405, 126969.	12.7	74
10	Redox-stable symmetrical solid oxide fuel cells with exceptionally high performance enabled by electrode/electrolyte diffuse interface. <i>Journal of Power Sources</i> , 2021, 488, 229458.	7.8	20
11	Layer-structured triple-conducting electrocatalyst for water-splitting in protonic ceramic electrolysis cells: Conductivities vs. activity. <i>Journal of Power Sources</i> , 2021, 495, 229764.	7.8	16
12	Chromium evaporation and oxidation characteristics of alumina-forming austenitic stainless steels for balance of plant applications in solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 21619-21633.	7.1	15
13	A review on molten sulfate salts induced hot corrosion. <i>Journal of Materials Science and Technology</i> , 2021, 90, 243-254.	10.7	48
14	Degradation of solid oxide electrolysis cells: Phenomena, mechanisms, and emerging mitigation strategies—A review. <i>Journal of Materials Science and Technology</i> , 2020, 55, 35-55.	10.7	133
15	A review of electrophoretic deposition of metal oxides and its application in solid oxide fuel cells. <i>Advances in Colloid and Interface Science</i> , 2020, 276, 102102.	14.7	85
16	Comprehensive review of chromium deposition and poisoning of solid oxide fuel cells (SOFCs) cathode materials. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 134, 110320.	16.4	69
17	Deconvolution of Water-Splitting on the Triple-Conducting Ruddlesden-Popper-Phase Anode for Protonic Ceramic Electrolysis Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 49574-49585.	8.0	25
18	Bifunctional 3D Hierarchical Hairy Foam toward Ultrastable Lithium/Sulfur Electrochemistry. <i>Advanced Functional Materials</i> , 2020, 30, 2004650.	14.9	29

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19	A high-temperature mixed potential CO gas sensor for <i>in situ</i> combustion control. Journal of Materials Chemistry A, 2020, 8, 20101-20110.	10.3	21
20	Mixed conductive composites for $\sim$ Low-Temperature $\sim$ thermo-chemical CO <sub>2</sub> splitting and syngas generation. Journal of Materials Chemistry A, 2020, 8, 13173-13182.	10.3	20
21	Understanding of A-site deficiency in layered perovskites: promotion of dual reaction kinetics for water oxidation and oxygen reduction in protonic ceramic electrochemical cells. Journal of Materials Chemistry A, 2020, 8, 14600-14608.	10.3	48
22	Alternating Current Electrophoretic Deposition of Gadolinium Doped Ceria onto Yttrium Stabilized Zirconia: A Study of the Mechanism. ACS Applied Materials & Interfaces, 2020, 12, 11126-11134.	8.0	9
23	Nanosized FeS <sub>2</sub> Particles Caged in the Hollow Carbon Shell as a Robust Polysulfide Adsorbent and Redox Mediator. ACS Sustainable Chemistry and Engineering, 2020, 8, 3261-3272.	6.7	26
24	In Situ Exsolved Nanoparticles on La <sub>0.5</sub> Sr <sub>1.5</sub> Fe <sub>1.5</sub> Mo <sub>0.5</sub> O <sub>6-<math>\delta</math></sub> Anode Enhance the Hydrogen Oxidation Reaction in SOFCs. Journal of the Electrochemical Society, 2020, 167, 024510.	2.9	13
25	Positive Effects of H <sub>2</sub> O on the Hydrogen Oxidation Reaction on Sr <sub>2</sub> Fe <sub>1.5</sub> Mo <sub>0.5</sub> O <sub>6-<math>\delta</math></sub> -Based Perovskite Anodes for Solid Oxide Fuel Cells. ACS Catalysis, 2020, 10, 5567-5578.	11.2	20
26	Charging activation and desulfurization of MnS unlock the active sites and electrochemical reactivity for Zn-ion batteries. Nano Energy, 2020, 75, 104869.	16.0	66
27	A study on the electrophoretic deposition of gadolinium doped ceria on polypyrrole coated yttrium stabilized zirconia. Journal of Colloid and Interface Science, 2019, 555, 115-123.	9.4	13
28	Programmed Design of a Lithium-Sulfur Battery Cathode by Integrating Functional Units. Advanced Science, 2019, 6, 1900711.	11.2	44
29	Aqueous electrophoretic deposition of gadolinium doped ceria. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 579, 123717.	4.7	7
30	Reversible <i>In-Situ</i> Exsolution of Fe Catalyst in La <sub>0.5</sub> Sr <sub>1.5</sub> Fe <sub>1.5</sub> Mo <sub>0.5</sub> O <sub>6-<math>\delta</math></sub> Anode for SOFCs. ECS Transactions, 2019, 91, 1701-1710.	0.5	9
31	Reduced Thermal Expansion and Enhanced Redox Reversibility of La <sub>0.5</sub> Sr <sub>1.5</sub> Fe <sub>1.5</sub> Mo <sub>0.5</sub> O <sub>6-<math>\delta</math></sub> Anode Material for Solid Oxide Fuel Cells. ACS Applied Energy Materials, 2019, 2, 4244-4254.	5.1	18
32	Investigation of LSM-YSZ Composite Cathode Performance Degradation with a Multistep Charge Transfer Model. Journal of the Electrochemical Society, 2019, 166, F448-F457.	2.9	8
33	Synergistic Coupling of Proton Conductors BaZr <sub>0.1</sub> Ce <sub>0.7</sub> Y <sub>0.1</sub> Yb <sub>0.1</sub> O <sub>3-<math>\delta</math></sub> and La <sub>2</sub> Ce <sub>2</sub> O <sub>7</sub> to Create Chemical Stable, Interface Active Electrolyte for Steam Electrolysis Cells. ACS Applied Materials & Interfaces, 2019, 11, 18323-18330.	8.0	57
34	Advanced Fuel Cell Based on New Nanocrystalline Structure Gd <sub>0.1</sub> Ce <sub>0.9</sub> O <sub>2</sub> Electrolyte. ACS Applied Materials & Interfaces, 2019, 11, 10642-10650.	8.0	78
35	Intermediate-temperature solid oxide fuel cells with high performance cobalt-doped Pr <sub>0.5</sub> Ba <sub>0.5</sub> FeO <sub>3-<math>\delta</math></sub> anodes. Journal of Alloys and Compounds, 2018, 741, 1091-1097.	5.5	18
36	Sulfur Immobilization by $\alpha$ -Chemical Anchor to Suppress the Diffusion of Polysulfides in Lithium-Sulfur Batteries. Advanced Materials Interfaces, 2018, 5, 1701274.	3.7	87

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37	Improving Corrosion Resistance of Ferrous Alloy to Molten Zn by Modifying the Laves Phase Characteristics. <i>Jom</i> , 2018, 70, 2457-2462.	1.9	4
38	Electrophoretic deposition of carbon nanofibers/silicon film with honeycomb structure as integrated anode electrode for lithium-ion batteries. <i>Electrochimica Acta</i> , 2018, 281, 312-322.	5.2	34
39	Performance and stability of large planar solid oxide fuel cells using phosphine contaminated hydrogen fuel. <i>Journal of Power Sources</i> , 2018, 395, 185-194.	7.8	5
40	Combined Experimental and Numerical Analysis of Surface-Modified Solid Oxide Fuel Cell Cathodes. <i>ECS Transactions</i> , 2018, 85, 1289-1305.	0.5	4
41	High performing triple-conductive $\text{Pr}_{2-x}\text{NiO}_{4+\delta}$ anode for proton-conducting steam solid oxide electrolysis cell. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18057-18066.	10.3	101
42	Combined Experimental and Numerical Analysis of Surface-Modified Solid Oxide Fuel Cell Cathodes. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
43	Modeling of the oxygen reduction reaction for dense LSM thin films. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 30464-30472.	2.8	13
44	A-Site Deficient $\text{La}_{2-x}\text{NiO}_{4+\delta}$ Infiltrated LSCF Cathode with Improved Performance and Stability. <i>ECS Transactions</i> , 2017, 78, 593-601.	0.5	7
45	A New Insight into the Oxygen Reduction Reaction on High Performance Cation-Ordered PBCO Perovskite as IT-SOFC Cathode. <i>ECS Transactions</i> , 2017, 78, 643-653.	0.5	2
46	Effect of Mg/Mo Ratio in Stoichiometric $\text{Sr}_2\text{MgMoO}_6$ (SMM) Redox-Stable Anode. <i>ECS Transactions</i> , 2017, 78, 1205-1215.	0.5	4
47	Investigation of Alternative Mixed-Conducting Oxides for SOFC Anode Applications. <i>ECS Transactions</i> , 2017, 77, 1961-1969.	0.5	2
48	On the bulk transport process and its impact on the electrode behavior of mixed conducting electrodes for SOFCs. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23218-23228.	2.8	16
49	Electrophoretic Deposition of Gadolinium-doped Ceria as a Barrier Layer on Yttrium-stabilized Zirconia Electrolyte for Solid Oxide Fuel Cells. <i>Fuel Cells</i> , 2017, 17, 869-874.	2.4	19
50	Enhanced surface exchange activity and electrode performance of $(\text{La}_{2-2x}\text{Sr}_2\text{x})(\text{Ni}_{1-x}\text{Mn}_x)\text{O}_{4+\delta}$ cathode for intermediate temperature solid oxide fuel cells. <i>Journal of Power Sources</i> , 2016, 318, 178-183.	7.8	45
51	Capacity Fade Analysis of Sulfur Cathodes in Lithium-Sulfur Batteries. <i>Advanced Science</i> , 2016, 3, 1600101.	11.2	213
52	New mechanistic insight into the oxygen reduction reaction on Ruddlesden-Popper cathodes for intermediate-temperature solid oxide fuel cells. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 8502-8511.	2.8	26
53	Oxygen Reduction Reaction Kinetics in Sr-Doped $\text{La}_2\text{NiO}_{4+\delta}$ Ruddlesden-Popper Phase as Cathode for Solid Oxide Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2015, 162, F707-F712.	2.9	38
54	Corrosion fatigue crack growth behavior of oil-grade nickel-base alloy 718. Part 2: Effect of aging treatment. <i>Corrosion Science</i> , 2015, 98, 280-290.	6.6	17

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55	Corrosion behavior and microstructure of electrodeposited nano-layered Ni-Cr coatings. <i>Thin Solid Films</i> , 2015, 595, 36-40.	1.8	24
56	Nano-porous sulfur-polyaniline electrodes for lithium-sulfur batteries. <i>Nano Energy</i> , 2015, 18, 245-252.	16.0	75
57	Long-Life, High-Efficiency Lithium-Sulfur Battery from a Nanoassembled Cathode. <i>Chemistry of Materials</i> , 2015, 27, 5080-5087.	6.7	56
58	Nano-assembled Na <sub>2</sub> FePO <sub>4</sub> F/carbon nanotube multi-layered cathodes for Na-ion batteries. <i>Electrochemistry Communications</i> , 2015, 56, 46-50.	4.7	47
59	Long-life, high-efficiency lithium/sulfur batteries from sulfurized carbon nanotube cathodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10127-10133.	10.3	59
60	Surface Oxygen Exchange Properties of Sr Doped La <sub>2</sub> NiO <sub>4+δ</sub> as SOFC Cathode: Thin-Film Electrical Conductivity Relaxation Investigation. <i>ECS Transactions</i> , 2015, 68, 801-808.	0.5	15
61	High-Performance Lithium-Sulfur Batteries with a Cost-Effective Carbon Paper Electrode and High Sulfur-Loading. <i>Chemistry of Materials</i> , 2015, 27, 6394-6401.	6.7	73
62	Development of self-powered wireless high temperature electrochemical sensor for in situ corrosion monitoring of coal-fired power plant. <i>ISA Transactions</i> , 2015, 55, 188-194.	5.7	11
63	Characterization of Doped Yttrium Chromites as Electrodes for Solid Oxide Fuel Cell by Impedance Method. <i>Journal of the Electrochemical Society</i> , 2014, 161, F551-F560.	2.9	19
64	Surface Transport Mechanism and Bi-Pathway ORR Kinetics for Solid Oxide Fuel Cell Cathode. <i>Journal of the Electrochemical Society</i> , 2014, 161, F983-F990.	2.9	9
65	Magnetron-sputtered Mn/Co(40:60) coating on ferritic stainless steel SUS430 for solid oxide fuel cell interconnect applications. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 16061-16066.	7.1	21
66	Effect of temperature on coal ash hot corrosion resistance of Inconel 740 superalloy. <i>Corrosion Science</i> , 2014, 82, 227-238.	6.6	50
67	Recent progress in Li-rich layered oxides as cathode materials for Li-ion batteries. <i>RSC Advances</i> , 2014, 4, 63268-63284.	3.6	167
68	Corrosion fatigue crack growth behavior of oil-grade nickel-base alloy 718. Part 1: Effect of corrosive environment. <i>Corrosion Science</i> , 2014, 89, 146-153.	6.6	33
69	High performance La <sub>2</sub> NiO <sub>4</sub> -infiltrated (La <sub>0.6</sub> Sr <sub>0.4</sub> ) <sub>0.995</sub> Co <sub>0.2</sub> Fe <sub>0.8</sub> O <sub>3+δ</sub> cathode for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2014, 269, 412-417.	7.8	44
70	Simulation of Surface-Potential Driven ORR Kinetics on SOFC Cathode with Parallel Reaction Pathways. <i>Journal of the Electrochemical Society</i> , 2014, 161, F344-F353.	2.9	25
71	Influence of surface modifications on pitting corrosion behavior of nickel-base alloy 718. Part 2: Effect of aging treatment. <i>Corrosion Science</i> , 2014, 78, 151-161.	6.6	51
72	Effect of SO <sub>2</sub> in flue gas on coal ash hot corrosion of Inconel 740 alloy - A high temperature electrochemical sensor study. <i>Corrosion Science</i> , 2013, 76, 390-402.	6.6	35

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73	H <sub>2</sub> Oxidation on Doped Yttrium Chromites Anode of Solid Oxide Fuel Cell. ECS Transactions, 2013, 57, 1479-1489.	0.5	4
74	Oxygen Transport Kinetics in Infiltrated SOFCs Cathode by Electrical Conductivity Relaxation Technique. Journal of the Electrochemical Society, 2013, 160, F554-F559.	2.9	27
75	H <sub>2</sub> oxidation on doped yttrium chromites/yttrium stabilized zirconia anode of solid oxide fuel cell. Journal of Power Sources, 2013, 241, 494-501.	7.8	29
76	Influence of surface modifications on pitting corrosion behavior of nickel-base alloy 718. Part 1: Effect of machine hammer peening. Corrosion Science, 2013, 77, 230-245.	6.6	94
77	Studies on elements diffusion of Mn/Co coated ferritic stainless steel for solid oxide fuel cell interconnects application. International Journal of Hydrogen Energy, 2013, 38, 5075-5083.	7.1	43
78	Surface Exchange and Bulk Diffusivity of LSCF as SOFC Cathode: Electrical Conductivity Relaxation and Isotope Exchange Characterizations. Journal of the Electrochemical Society, 2013, 160, F343-F350.	2.9	67
79	High temperature electrochemical sensor for in situ monitoring of hot corrosion. Corrosion Science, 2012, 65, 1-4.	6.6	17
80	Modeling of oxygen reduction mechanism for 3PB and 2PB pathways at solid oxide fuel cell cathode from multi-step charge transfer. Journal of Power Sources, 2012, 201, 204-218.	7.8	52
81	Corrosion Behavior of Ebrite and SS430 in Coal Syngas with Loaded Current. International Journal of Applied Ceramic Technology, 2011, 8, 60-67.	2.1	2
82	An improved method to increase the predictive accuracy of the ECR technique. Solid State Ionics, 2011, 204-205, 104-110.	2.7	23
83	Electrophoretic deposition of (Mn,Co)3O4 spinel coating for solid oxide fuel cell interconnects. Journal of Power Sources, 2011, 196, 8041-8047.	7.8	61
84	Investigation of Mn/Co coated T441 alloy as SOFC interconnect by on-cell tests. International Journal of Hydrogen Energy, 2011, 36, 4525-4529.	7.1	45
85	Electrochemical characteristics of samaria-doped ceria infiltrated strontium-doped LaMnO <sub>3</sub> cathodes with varied thickness for yttria-stabilized zirconia electrolytes. Journal of Power Sources, 2011, 196, 2551-2557.	7.8	31
86	Tolerance tests of H <sub>2</sub> S-laden biogas fuel on solid oxide fuel cells. Journal of Power Sources, 2010, 195, 4583-4592.	7.8	43
87	Quenching Differential Thermal Analysis and Thermodynamic Calculation to Determine Partition Coefficients of Solute Elements in Simplified Ni-Base Superalloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2010, 41, 487-498.	2.2	13
88	On the Formulation of a Freckling Criterion for Ni-Based Superalloy Vacuum Arc Remelting Ingots. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2010, 41, 2408-2416.	2.2	32
89	The effect of HCl in syngas on Ni-YSZ anode-supported solid oxide fuel cells. Journal of Power Sources, 2010, 195, 2149-2158.	7.8	53
90	Oxygen reduction and transportation mechanisms in solid oxide fuel cell cathodes. Journal of Power Sources, 2010, 195, 3345-3358.	7.8	122

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91	Degradation of LaSr <sub>2</sub> Fe <sub>2</sub> CrO <sub>9</sub> solid oxide fuel cell anodes in phosphine-containing fuels. Journal of Power Sources, 2010, 195, 4013-4021.	7.8	20
92	Compatibility of a seal glass with (Mn,Co) <sub>3</sub> O <sub>4</sub> coated interconnects: Effect of atmosphere. International Journal of Hydrogen Energy, 2010, 35, 7945-7956.	7.1	17
93	Effect of Electrical Current on Solid Oxide Fuel Cells Metallic Interconnect Oxidation in Syngas. International Journal of Applied Ceramic Technology, 2010, 7, 41-48.	2.1	16
94	Tolerance Tests of Co-Feeding Cl <sub>2</sub> and H <sub>2</sub> S Impurities in Biogas on a Ni-YSZ Anode-Supported Solid Oxide Fuel Cell. , 2010, , .		0
95	Recent Development of SOFC Metallic Interconnect. Journal of Materials Science and Technology, 2010, 26, 293-305.	10.7	300
96	The performance of solid oxide fuel cells with Mn-Co electroplated interconnect as cathode current collector. Journal of Power Sources, 2009, 189, 1106-1113.	7.8	100
97	The effect of phosphine in syngas on Ni-YSZ anode-supported solid oxide fuel cells. Journal of Power Sources, 2009, 193, 739-746.	7.8	46
98	Energy and environmental issues in manufacturing industries. Jom, 2009, 61, 13-13.	1.9	0
99	Oxidation behavior of metallic interconnects for SOFC in coal syngas. International Journal of Hydrogen Energy, 2009, 34, 1489-1496.	7.1	25
100	The effect of coating crystallization and substrate impurities on magnetron sputtered doped LaCrO <sub>3</sub> coatings for metallic solid oxide fuel cell interconnects. International Journal of Hydrogen Energy, 2009, 34, 2408-2415.	7.1	28
101	Evaluation of SmCo and SmCoN magnetron sputtering coatings for SOFC interconnect applications. Journal of Power Sources, 2008, 175, 833-840.	7.8	22
102	Reactive Wetting of an Iron-Base Superalloy MSA2020 and 316L Stainless Steel by Molten Zinc-Aluminum Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2008, 39, 1382-1391.	2.2	6
103	DC electrodeposition of Mn-Co alloys on stainless steels for SOFC interconnect application. Journal of Power Sources, 2008, 177, 376-385.	7.8	92
104	Pulse plating of Mn-Co alloys for SOFC interconnect applications. Electrochimica Acta, 2008, 54, 793-800.	5.2	78
105	Developing TiAlN coatings for intermediate temperature solid oxide fuel cell interconnect applications. International Journal of Hydrogen Energy, 2008, 33, 189-196.	7.1	22
106	Effect of thermal treatment on the fatigue crack propagation behavior of a new Ni-base superalloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 474, 30-38.	5.6	26
107	Sulfur-tolerant anode materials for solid oxide fuel cell application. Journal of Power Sources, 2007, 168, 289-298.	7.8	336
108	Wetting and Reaction Characteristics of Al <sub>2</sub> O <sub>3</sub> /SiC Composite Refractories by Molten Aluminum and Aluminum Alloy. International Journal of Applied Ceramic Technology, 2007, 4, 514-523.	2.1	5

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109	Liquid Metal Corrosion of 316L Stainless Steel, 410 Stainless Steel, and 1015 Carbon Steel in a Molten Zinc Bath. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2007, 38, 2727-2736.	2.2	31
110	Effect of Sn concentration on the corrosion resistance of Pb-Sn alloys in H <sub>2</sub> SO <sub>4</sub> solution. Journal of Power Sources, 2006, 155, 420-427.	7.8	30
111	Liquid metal corrosion of 316L, Fe <sub>3</sub> Al, and FeCrSi in molten Zn-Al baths. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2005, 36, 2049-2058.	2.2	50
112	Investigation of the crack growth behavior of Inconel 718 by high temperature Moiré interferometry. Journal of Materials Science, 2004, 39, 1967-1973.	3.7	19
113	Thermodynamic assessment of liquid composition change during solidification and its effect on freckle formation in superalloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 386, 254-261.	5.6	21
114	Thermodynamic assessment of liquid composition change during solidification and its effect on freckle formation in superalloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 386, 254-261.	5.6	6
115	The effect of hold-time on fatigue crack growth behaviors of WASPALOY alloy at elevated temperature. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 340, 8-14.	5.6	33
116	Effect of $\beta$ content on the mechanical behavior of the WASPALOY alloy system. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 308, 1-8.	5.6	39