

Tetsuya Uda

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121
papers

2,777
citations

25
h-index

49
g-index

136
ext. papers

3,171
ext. citations

4.6
avg, IF

5.46
L-index

#	Paper	IF	Citations
121	Rapid Oxidative Dissolution of Metallic Tin in Alkaline Solution Containing Iodate Ions. <i>Journal of Sustainable Metallurgy</i> , 2021 , 7, 1762	2.7	0
120	Proton Conductive BaZr Ce Y O : Influence of NiO Sintering Additive on Crystal Structure, Hydration Behavior, and Conduction Properties. <i>ChemSusChem</i> , 2021 , 14, 614-623	8.3	11
119	Separation of Ti from Bi-Ti alloy by Solid-Liquid Separation at High Temperature and Vacuum Distillation. <i>Journal of MMIJ</i> , 2021 , 137, 10-16	0.3	
118	Yttrium-Doped Barium Zirconate-Cerate Solid Solution as Proton Conducting Electrolyte: Why Higher Cerium Concentration Leads to Better Performance for Fuel Cells and Electrolysis Cells. <i>Advanced Energy Materials</i> , 2021 , 11, 2003149	21.8	21
117	Protonated BaZr _{0.8} Y _{0.2} O ₃ Impact of Hydration on Electrochemical Conductivity and Local Crystal Structure. <i>ACS Applied Energy Materials</i> , 2021 , 4, 1666-1676	6.1	9
116	Conduction properties of Ti-doped NaTaO ₃ at intermediate temperature. <i>Journal of the American Ceramic Society</i> , 2021 , 104, 6424	3.8	0
115	In-situ observation on the magnesiothermic reduction of TiCl ₄ around 800 °C by microfocus X-ray fluoroscopy. <i>Journal of Alloys and Compounds</i> , 2021 , 874, 159855	5.7	0
114	New ionic conductor: Ba-deficient Ba ₃ Y ₄ O ₉ with Zr substitution. <i>Solid State Ionics</i> , 2021 , 368, 115709	3.3	
113	Theoretical study on proton diffusivity in Y-doped BaZrO with realistic dopant configurations. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 5908-5918	3.6	1
112	Experimental Study of Hydration/Dehydration Behaviors of Metal Sulfates M(SO) (M = Sc, Yb, Y, Dy, Al, Ga, Fe, In) in Search of New Low-Temperature Thermochemical Heat Storage Materials. <i>ACS Omega</i> , 2020 , 5, 13521-13527	3.9	3
111	Multi-step hydration/dehydration mechanisms of rhombohedral Y(SO): a candidate material for low-temperature thermochemical heat storage.. <i>RSC Advances</i> , 2020 , 10, 15604-15613	3.7	1
110	Reexamination of the phase diagram of the BaO-ZrO ₂ -Y ₂ O ₃ system: investigation of the presence of separate region in Y-doped BaZrO ₃ solid solution and the dissolution of Zr in Ba ₃ Y ₄ O ₉ . <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 1523-1538	2.6	3
109	Industry-Academia Collaboration for Non-ferrous Smelting at Kyoto University ~Initiatives of Laboratory of Non-ferrous Extractive Metallurgy~. <i>Materia Japan</i> , 2020 , 59, 477-480	0.1	
108	Low Temperature Electrodeposition of Titanium in Fluoride-Added LiCl-KCl-CsCl Molten Salt. <i>Materials Transactions</i> , 2020 , 61, 1651-1656	1.3	2
107	Suitable Electrode Materials for Titanium Sheet Deposition. <i>Advanced Engineering Materials</i> , 2020 , 22, 1900747	3.5	3
106	Fabrication of protonic ceramic fuel cells via infiltration with Ni nanoparticles: A new strategy to suppress NiO diffusion & increase open circuit voltage. <i>Solid State Ionics</i> , 2020 , 345, 115189	3.3	7
105	Low-temperature electrodeposition of titanium in molten iodides. <i>Journal of Applied Electrochemistry</i> , 2020 , 50, 1209-1216	2.6	3

104	Electrochemical and structural influence on BaZr _{0.8} Y _{0.2} O _{3-δ} from manganese, cobalt, and iron oxide additives. <i>Journal of the American Ceramic Society</i> , 2020 , 103, 346-355	3.8	6
103	Calculation of Oxygen Potential Profile in Proton-Hole Mix Conductive Electrolyte and its Application for Evaluation of Practical Cells. <i>Electrochemistry</i> , 2019 , 87, 162-174	1.2	9
102	Correlation between Concentrations of Ni and Y in Y-Doped BaZrO Electrolyte in Co-Sintered Cells: A Case of Controlled NiO Activity by Using MgO-NiO Solid Solution as Anode Substrate. <i>Membranes</i> , 2019 , 9,	3.8	4
101	Preparation of pure and fully dense lanthanum nickelates La _{n+1} Ni _n O _{3n+1} (n=2, 3, 4) by post-sintering oxidation process. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 7077-7088	3.8	8
100	Thermodynamic maximum of Y doping level in barium zirconate in co-sintering with NiO. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 7232-7241	13	12
99	Transport properties of proton conductive Y-doped BaHfO ₃ and Ca or Sr-substituted Y-doped BaZrO ₃ . <i>Journal of the American Ceramic Society</i> , 2019 , 102, 1201-1210	3.8	19
98	Evaluation of overpotentials on graphite and liquid Bi/Mg electrodes by current interruption. <i>Journal of Applied Electrochemistry</i> , 2019 , 49, 743-753	2.6	1
97	Carrier-Carrier Interaction in Proton-Conducting Perovskites: Carrier Blocking vs Trap-Site Filling. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 26823-26830	3.8	14
96	Nonaqueous Solvents for Leaching CaCl ₂ Flux from Calcium-Reduced Titanium Powder. <i>Materials Transactions</i> , 2019 , 60, 2530-2536	1.3	1
95	Correlation between Phase Behavior and Electrical Conductivity of 10 mol % Y-Doped BaZrO: An Anomalous Dispersion Effect-Aided Synchrotron Radiation XRD Study Combined with TEM Observation and Electrochemical Analysis. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 3990-4000	9.5	13
94	Evaluation of performance and durability of Ni-BZY cermet electrodes with BZY electrolyte. <i>Solid State Ionics</i> , 2018 , 317, 127-135	3.3	25
93	Hidden Nature of the Conversion Reaction from Rare Earth Chloride to Oxychloride and the Application to Novel Separation. <i>ChemistrySelect</i> , 2018 , 3, 2998-3002	1.8	0
92	Preferential proton conduction along a three-dimensional dopant network in yttrium-doped barium zirconate: a first-principles study. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 22721-22730	13	18
91	Characteristic microstructure underlying the fast hydration-dehydration reaction of La ₂ (SO ₄) ₃ : Fine platy joints with loose grain boundaries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 24956-24964	13	9
90	Thermodynamics on the Bi-Fe-Ti System and the Gibbs Energy of Bi ₉ Ti ₈ . <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2018 , 49, 2975-2985	2.5	3
89	Detrimental Effect of Sintering Additives on Conducting Ceramics: Yttrium-Doped Barium Zirconate. <i>ChemSusChem</i> , 2018 , 11, 4102-4113	8.3	43
88	The best composition of an Y-doped BaZrO ₃ electrolyte: selection criteria from transport properties, microstructure, and phase behavior. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 18571-18582	13	51
87	Discovery of Rapid and Reversible Water Insertion in Rare Earth Sulfates: A New Process for Thermochemical Heat Storage. <i>Advanced Materials</i> , 2017 , 29, 1606569	24	12

86	One-dimensional water channels in lanthanum sulfate: a first-principles study. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 20188-20194	13	6
85	La(NbY)O: discovery of a novel fluorite structure-based ionic conductor. <i>Chemical Communications</i> , 2017 , 53, 12684-12687	5.8	6
84	Chemical Expansion of Yttrium-Doped Barium Zirconate and Correlation with Proton Concentration and Conductivity. <i>Journal of the American Ceramic Society</i> , 2016 , 99, 3745-3753	3.8	62
83	Thermodynamic Properties of YbRhO ₃ and Phase Relations in the System Yb-Rh-O. <i>Journal of Phase Equilibria and Diffusion</i> , 2016 , 37, 503-509	1	4
82	Growth of thin, c-axis oriented Sr-doped LaP ₃ O ₉ electrolyte membranes in condensed phosphoric acid solutions. <i>Journal of Crystal Growth</i> , 2016 , 448, 58-63	1.6	1
81	Simultaneous Separation of Manganese, Cobalt, and Nickel by the Organic-Aqueous-Aqueous Three-Phase Solvent Extraction. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2016 , 47, 1325-1333	2.5	9
80	Microstructure, Proton Concentration and Proton Conductivity of Barium Zirconate Doped with Ho, Er, Tm and Yb. <i>Journal of the Electrochemical Society</i> , 2016 , 163, F470-F476	3.9	23
79	Strategy to improve phase compatibility between proton conductive BaZr _{0.8} Y _{0.2} O _{3-δ} and nickel oxide. <i>RSC Advances</i> , 2016 , 6, 19288-19297	3.7	26
78	Continuous Production of Bi-Ti Alloys by Magnesiothermic Reduction of TiCl ₄ for a New Smelting Process of Ti. <i>Journal of MMIJ</i> , 2016 , 132, 199-206	0.3	3
77	Electrorefining of titanium from Bi-Ti alloys in molten chlorides for a new smelting process of titanium. <i>Journal of Applied Electrochemistry</i> , 2016 , 46, 987-993	2.6	7
76	Comprehensive evaluation of dopant solubility, proton concentration, proton mobility and phase stability of lanthanum polyphosphate for conductivity improvement. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 21450-21460	6.7	4
75	A high temperature reduction cleaning (HTRC) process: a novel method for conductivity recovery of yttrium-doped barium zirconate electrolytes. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 10601-10608	13	24
74	Sintering, Electrical Conductivity, Oxygen Nonstoichiometry, Thermal Expansion and Thermal Stability of Ruddlesden-Popper Type Cobaltite La ₄ Co ₃ O ₁₀ . <i>Journal of the Electrochemical Society</i> , 2016 , 163, F1084-F1090	3.9	5
73	Transport properties of acceptor-doped barium zirconate by electromotive force measurements. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 14897-14908	6.7	56
72	New Smelting Process for Titanium: Magnesiothermic Reduction of TiCl ₄ into Liquid Bi and Subsequent Refining by Vacuum Distillation. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2015 , 46, 57-61	2.5	14
71	Correlation between electroconductive and structural properties of proton conductive acceptor-doped barium zirconate. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1243-1250	13	76
70	Recovery of Cobalt Ion into Polyethyleneglycol (PEG) Gel Phase as Thiocyanato Complex. <i>Materials Transactions</i> , 2015 , 56, 610-616	1.3	1
69	Separation of Nickel and Cobalt Utilizing Selective Reduction of Nickel in Acidic Aqueous Solution. <i>Materials Transactions</i> , 2015 , 56, 340-347	1.3	

68	Bulk crystal growth and characterization of ZnSnP ₂ compound semiconductor by flux method. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2015 , 12, 520-523		15
67	Exploration of Dopant Species for Lanthanum Polyphosphate. <i>Journal of the Electrochemical Society</i> , 2015 , 162, F596-F602	3.9	6
66	Evaluation of Electrode Overpotentials on Yttrium-Doped Barium Zirconate Electrolyte by Current Interruption Using Three-Electrode Cell. <i>Journal of the Electrochemical Society</i> , 2015 , 162, F250-F257	3.9	7
65	Dopant Site Occupancy and Chemical Expansion in Rare Earth-Doped Barium Zirconate. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 643-650	3.8	42
64	Phase equilibria in the system SmRhO ₃ and thermodynamic and thermal studies on SmRhO ₃ . <i>Journal of Materials Science</i> , 2014 , 49, 3135-3145	4.3	4
63	Dependence of lattice constant of Ba, Co-contained perovskite oxides on atmosphere, and measurements of water content. <i>Solid State Ionics</i> , 2014 , 262, 687-690	3.3	21
62	Substantial appearance of origin of conductivity decrease in Y-doped BaZrO ₃ due to Ba-deficiency. <i>RSC Advances</i> , 2014 , 4, 31589	3.7	13
61	Origins of structural and electrochemical influence on Y-doped BaZrO ₃ heat-treated with NiO additive. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 12552	13	45
60	Synthesis and Conductivity Measurement of Lanthanum Zirconate Doped with Rare Earth Dopants. <i>Journal of the Electrochemical Society</i> , 2014 , 161, F977-F982	3.9	8
59	Rare Earth, Titanium Group Metals, and Reactive Metals Production 2014 , 995-1069		18
58	Fast and Anisotropic Proton Conduction in a Crystalline Polyphosphate. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 29629-29635	3.8	19
57	Reinvestigation of the Phase Equilibria in the La ₂ O ₃ -P ₂ O ₅ System. <i>Journal of Phase Equilibria and Diffusion</i> , 2013 , 34, 196-201	1	5
56	Vapour pressure measurements on lanthanum polyphosphate and ultraphosphate by the transpiration method. <i>Journal of Chemical Thermodynamics</i> , 2013 , 61, 147-153	2.9	5
55	A comprehensive understanding of structure and site occupancy of Y in Y-doped BaZrO ₃ . <i>Journal of Materials Chemistry A</i> , 2013 , 1, 3027	13	50
54	Structure analysis of BaCe _{0.8} Y _{0.2} O ₃ in dry and wet atmospheres by high-temperature X-ray diffraction measurement. <i>Journal of Solid State Chemistry</i> , 2013 , 205, 122-128	3.3	29
53	Synthesis of Sr-doped LaP ₃ O ₉ single crystals and dense polycrystalline membranes in condensed phosphoric acid solutions. <i>Journal of Crystal Growth</i> , 2013 , 380, 78-84	1.6	6
52	Thermodynamics of NdRhO ₃ and phase relations in the system NdRhO ₃ . <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2013 , 43, 71-79	1.9	7
51	Chemical Expansion and Change in Lattice Constant of Y-Doped BaZrO ₃ by Hydration/Dehydration Reaction and Final Heat-Treating Temperature. <i>Journal of the American Ceramic Society</i> , 2013 , 96, 879-884	3.8	58

50	Phase Diagram Investigations of the Bi-Ti System. <i>Journal of Phase Equilibria and Diffusion</i> , 2013 , 34, 289-296	1	9
49	Electrolysis of TiO ₂ or TiCl ₂ Using Bi Liquid Cathode in Molten CaCl ₂ . <i>Journal of the Electrochemical Society</i> , 2013 , 160, E139-E142	3.9	8
48	Site selectivity of dopants in BaZr _{1-y} MyO _{3-δ} (M = Sc, Y, Sm, Eu, Dy) and measurement of their water contents and conductivities. <i>Solid State Ionics</i> , 2012 , 213, 2-7	3.3	62
47	Proton-Conducting Network in Lanthanum Orthophosphate. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 19117-19124	3.8	38
46	Tetravalent dysprosium in a perovskite-type oxide. <i>Advanced Materials</i> , 2012 , 24, 2051-3	24	20
45	Electrochemical Deposition of Zn ₃ P ₂ Thin Film Semiconductors Based on Potential-pH Diagram of the Zn-P-H ₂ O System. <i>Journal of the Electrochemical Society</i> , 2012 , 159, D181-D186	3.9	1
44	First-principles thermodynamics of La ₂ O ₃ -P ₂ O ₅ pseudobinary system. <i>Physical Review B</i> , 2011 , 84,	3.3	14
43	Fabrication and electrical characterization of 15% yttrium-doped barium zirconate by freeze drying method combined with vacuum heating. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 3872-3879	5.7	9
42	Reevaluation of equilibrium quotient between titanium ions and metallic titanium in NaCl-KCl equimolar molten salt. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 5477-5482	5.7	11
41	Effects of oxygen content and heating rate on phase transition behavior in Bi ₂ (V _{0.95} Ti _{0.05})O _{5.475δ} . <i>Journal of Alloys and Compounds</i> , 2011 , 509, 5833-5838	5.7	4
40	Electrochemical Polishing of Metallic Titanium in Ionic Liquid. <i>Materials Transactions</i> , 2011 , 52, 2061-2066	6.3	14
39	Precipitation behavior of highly Sr-doped LaPO ₄ in phosphoric acid solutions. <i>Journal of Materials Chemistry</i> , 2011 , 21, 8781		12
38	High Performance Protonic Ceramic Fuel Cells with Acid-Etched Surfaces. <i>Journal of the Electrochemical Society</i> , 2011 , 158, B1067	3.9	18
37	Preparation and Properties of Trivalent Titanium Compounds, TiCl ₃ and TiOCl. <i>High Temperature Materials and Processes</i> , 2011 , 30,	0.9	5
36	Effect of Impurity Silica on Grain Boundary Resistance of Yttrium-doped Barium Zirconate. <i>High Temperature Materials and Processes</i> , 2010 , 29, 339-346	0.9	
35	Effect of isovalent cation substitution on conductivity and microstructure of sintered yttrium-doped barium zirconate. <i>Journal of Alloys and Compounds</i> , 2010 , 490, 672-676	5.7	12
34	Synthesis of La _{1-x} Sr _x Sc _{1-y} FeyO _{3-δ} (LSSF) and measurement of water content in LSSF, LSCF and LSC hydrated in wet artificial air at 300 °C. <i>Solid State Ionics</i> , 2010 , 181, 1601-1606	3.3	59
33	Phase Stability of Bi ₂ (V _{1-x} Me _x)O _{5.5+δ} ; (ME=Li and Ag, x=0.05 and 0.1). <i>Materials Transactions</i> , 2010 , 51, 561-566	1.3	3

32	Quantitative Analysis of Titanium Ions in the Equilibrium with Metallic Titanium in NaCl-KCl Equimolar Molten Salt. <i>Materials Transactions</i> , 2010 , 51, 2121-2124	1.3	20
31	Phase classification, electrical conductivity, and thermal stability of Bi ₂ (V _{0.95} TM _{0.05})O _{5.5} +[(TM: transition metal). <i>Solid State Ionics</i> , 2010 , 181, 1279-1286	3.3	10
30	To Journal of Phase Equilibria and Diffusion Phase Relationship of the BaO-ZrO ₂ -YO _{1.5} System at 1500 and 1600 °C. <i>Journal of Phase Equilibria and Diffusion</i> , 2010 , 31, 348-356	1	27
29	High oxide-ion conductivity of monovalent-metal-doped bismuth vanadate at intermediate temperatures. <i>Solid State Ionics</i> , 2010 , 181, 719-723	3.3	24
28	Phase Relationship of CsH ₂ PO ₄ /CsPO ₃ System and Electrical Properties of CsPO ₃ . <i>Journal of the Electrochemical Society</i> , 2009 , 156, B572	3.9	12
27	Reduction of titanium oxide in the presence of nickel by nonequilibrium hydrogen gas. <i>Journal of Materials Research</i> , 2009 , 24, 2391-2399	2.5	7
26	Synthesis of Spinel-Type Magnesium Cobalt Oxide and Its Electrical Conductivity. <i>Materials Transactions</i> , 2008 , 49, 824-828	1.3	25
25	Dehydration of CsH ₂ PO ₄ at temperatures higher than 260 °C and the ionic conductivity of liquid product. <i>Solid State Ionics</i> , 2008 , 178, 1648-1653	3.3	24
24	Solid solutions of perovskite in the LaO _{1.5} BaO ₈ Co _{1.5} ZrO ₂ system at 1600 °C. <i>Journal of Solid State Chemistry</i> , 2008 , 181, 2572-2579	3.3	1
23	Processing of yttrium-doped barium zirconate for high proton conductivity. <i>Journal of Materials Research</i> , 2007 , 22, 1322-1330	2.5	307
22	A Pseudoternary Phase Diagram of the BaO-ZrO ₂ -ScO _{1.5} System at 1600 °C and Solubility of Scandia into Barium Zirconate. <i>Journal of Phase Equilibria and Diffusion</i> , 2007 , 28, 517-522	1	10
21	Dehydration behavior of the superprotonic conductor CsH ₂ PO ₄ at moderate temperatures: 230 to 260 °C. <i>Journal of Materials Chemistry</i> , 2007 , 17, 3182		71
20	Solid acid proton conductors: from laboratory curiosities to fuel cell electrolytes. <i>Faraday Discussions</i> , 2007 , 134, 17-39; discussion 103-18, 415-9	3.6	235
19	Alcohol Fuel Cells at Optimal Temperatures. <i>Electrochemical and Solid-State Letters</i> , 2006 , 9, A261		43
18	Electroplating of titanium on iron by galvanic contact deposition in NaCl/FeCl ₂ molten salt. <i>Science and Technology of Advanced Materials</i> , 2006 , 7, 490-495	7.1	22
17	Thermodynamic, thermomechanical, and electrochemical evaluation of CsHSO ₄ . <i>Solid State Ionics</i> , 2005 , 176, 127-133	3.3	47
16	Acoustically Controlled Behavior of Dust Particles in High Temperature Gas Atmosphere. <i>ISIJ International</i> , 2004 , 44, 275-284	1.7	4
15	High-Performance Solid Acid Fuel Cells Through Humidity Stabilization.. <i>ChemInform</i> , 2004 , 35, no		3

14	Structure refinement and chemical analysis of Cs ₃ Li(DSO ₄) ₄ , formerly Cs _{1.5} Li _{1.5} D(SO ₄) ₂ <i>Journal of Solid State Chemistry</i> , 2004 , 177, 274-280	3-3	2
13	High-performance solid Acid fuel cells through humidity stabilization. <i>Science</i> , 2004 , 303, 68-70	33-3	367
12	Recovery of Rare Earths from Magnet Sludge by FeCl ₂ . <i>Materials Transactions</i> , 2002 , 43, 55-62	1-3	83
11	Dry Separation for Rare Earth by Vacuum Distillation of Di and Triiodide Mixture. <i>Materials Transactions</i> , 2001 , 42, 1813-1819	1-3	6
10	Thermogravimetric-Mass Spectrometric Analysis of the Reactions between Oxide (ZnO, Fe ₂ O ₃ or ZnFe ₂ O ₄) and Polyvinyl Chloride under Inert Atmosphere. <i>Materials Transactions, JIM</i> , 2000 , 41, 1342-1350		55
9	Phase equilibria and thermodynamics of the system Dy-Mg-Al at 1073 K. <i>Journal of Alloys and Compounds</i> , 1999 , 284, 282-288	5-7	8
8	Reduction Mechanism of TiCl ₄ in Reaction Mediator Salt.. <i>Shigen-to-Sozai</i> , 1998 , 114, 573-579		7
7	Titanium Powder Production by Halidothermic Reduction. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1998 , 62, 796-802	0-4	16
6	Location Control of Titanium Deposition during Magnesiothermic Reduction of TiCl ₄ by Long Range Electronically Mediated Reaction. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1998 , 62, 76-84	0-4	12
5	Direct Evidence of Electronically Mediated Reaction during TiCl ₄ Reduction by Magnesium. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1997 , 61, 602-609	0-4	13
4	Phase Equilibria and Reaction Pathways during TiCl ₄ Reduction by Magnesium and Sodium Involving Electronically Mediated Reaction. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1997 , 61, 610-618	0-4	10
3	Precipitation, Recovery and Recrystallization during Working, and Work-softening of Zn-Al Alloys. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1996 , 60, 254-260	0-4	7
2	Effect of Thermomechanical Treatment on Work-Softening of Zn-Al Alloys. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1996 , 60, 247-253	0-4	2
1	Experimental validation of high electrical conductivity in Ni-rich LaNi _{1-x} Fe _x O ₃ solid solutions (x = 0.4) in high-temperature oxidizing atmospheres. <i>Materials Advances</i> ,	3-3	0