

Goroh Itoh

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.

137
papers

619
citations

13
h-index

20
g-index

138
ext. papers

661
ext. citations

0.7
avg, IF

3.75
L-index

#	Paper	IF	Citations
137	Effects of Retained Austenite on Hydrogen Embrittlement in TRIP-aided Bainitic Ferrite Steel Sheet. <i>ISIJ International</i> , 2021 , 61, 1315-1321	1.7	
136	Hydrogen Distribution Permeated through a Duplex Stainless Steel Detected by Hydrogen Microprint Technique. <i>ISIJ International</i> , 2021 , 61, 1272-1277	1.7	1
135	Effect of 90% cold rolling on precipitation behavior of Al-0.6Mg-1.0Si-0.5Cu alloy. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2021 , 71, 555-559	0.3	1
134	Nanoscale analysis of solute distribution in ultrahigh-strength aluminum alloys. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2021 , 71, 562-568	0.3	
133	Effects of Basal-texture Inclination on Bending Formability in Mg-Al-Zn-Ca Alloys. <i>Journal of the Japan Society for Technology of Plasticity</i> , 2020 , 61, 99-105	0.3	
132	Humid Gas Stress Corrosion Cracking in MIG-Welded 5083 Aluminum Alloy Plate. <i>Materials Transactions</i> , 2020 , 61, 330-338	1.3	3
131	43 years with JILM. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2020 , 70, 257-267	0.3	
130	Influence of cold rolling on strength and resistance to hydrogen embrittlement in Al8%Zn0%Mg0%Cu0.15%Zr alloy. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2019 , 69, 312-314	0.3	3
129	Effect of Texture on Mechanical Properties of AZX612 Magnesium Alloy Processed by Friction-Assisted Extrusion. <i>Journal of the Japan Society for Technology of Plasticity</i> , 2019 , 60, 95-101	0.3	1
128	Effect of Heavy Swaging on Cracking Behavior of Tungsten Electrode for Fusing Joining. <i>Materials Transactions</i> , 2019 , 60, 2277-2281	1.3	
127	Effect of Fe-content on mechanical properties of cold-rolled AlBeSi alloy foil. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2019 , 69, 493-499	0.3	2
126	Hydrogen Distribution in a Duplex Stainless Steel Investigated by Means of Hydrogen Microprint Technique. <i>ISIJ International</i> , 2019 , 59, 1901-1907	1.7	4
125	Cracking Process Related to Hydrogen Behavior in a Duplex Stainless Steel. <i>ISIJ International</i> , 2019 , 59, 2319-2326	1.7	4
124	Strength evaluation on the interface of precipitates with segregated hydrogen in AlMgZn alloys by ab initio calculation. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2018 , 68, 189-193	0.3	
123	Influence of microstructure and applied force on the crack initiation and propagation of tungsten electrodes for spot welding. <i>Transactions of the JSME (in Japanese)</i> , 2018 , 84, 18-00287-18-00287	0.2	
122	Irradiation Effects on Mechanical Properties of Graphite Materials for Fusion Reactors. <i>The Proceedings of Ibaraki District Conference</i> , 2018 , 2018.26, 425	0	
121	Hydrogen transport by gliding dislocations in aluminum and its alloys. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2018 , 68, 576-580	0.3	

120	Behavior of Hydrogen in Tensile-Deformed Aluminum Alloys. <i>Materials Science Forum</i> , 2018 , 941, 1295-1299	0.3	1
119	Tensile Properties of an Electrolytically Hydrogen Charged Duplex Stainless Steel Affected by Strain Rate. <i>ISIJ International</i> , 2018 , 58, 561-565	1.7	17
118	Influence of microstructure adjacent to grain boundary on intergranular cracking in AlMgSi alloys. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2018 , 68, 667-672	0.3	2
117	Effect of Gas Tungsten Arc Welding Condition on Hydrogen Absorption in a Duplex Stainless Steel. <i>Materials Science Forum</i> , 2018 , 941, 536-541	0.4	1
116	Relationship between hydrogen embrittlement and second-phase particles in a 7075 aluminum alloy. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2017 , 67, 67-71	0.3	1
115	Effects of test temperature and environment on fatigue properties of a 6061 aluminum alloy. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2017 , 67, 2-7	0.3	
114	Service Environment and Testing Method for Global Standardization of Aluminum Alloys Related to Hydrogen. <i>Zairyo To Kankyo/Corrosion Engineering</i> , 2016 , 65, 432-437	0.5	5
113	Hydrogen Behavior in a Tensile-Deformed Al-Zn-Mg Alloy. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2016 , 80, 726-730	0.4	1
112	Effects of Irradiation Damage on Hydrogen Behavior in Structural Materials. <i>The Proceedings of Ibaraki District Conference</i> , 2016 , 2016.24, 421	0	
111	Fatigue Crack Growth Behavior and Susceptibility to Hydrogen Embrittlement in 2000 and 7000 Series Aluminum Alloys. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2016 , 80, 745-752	0.4	1
110	Ab initio calculation study on the site of hydrogen in AlZnMg alloys. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2016 , 66, 339-344	0.3	1
109	Effect of hot forging condition on the microstructure formation process in a high strength 6061 aluminum alloy. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2015 , 65, 123-130	0.3	
108	Behavior of Hydrogen in a Tensile-Deformed Al-Mg Alloy. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2015 , 79, 137-141	0.4	2
107	403 Influence of Temperature on Hydrogen Discharge of a Steel for Hydrogen Storage Containers. <i>The Proceedings of Ibaraki District Conference</i> , 2015 , 2015.23, 133-134	0	
106	Hydrogen emission at grain boundaries in tensile-deformed Al-9%Mg alloy by hydrogen microprint technique. <i>Transactions of Nonferrous Metals Society of China</i> , 2014 , 24, 2102-2106	3.3	9
105	Microstructural evolution in Al-Zn eutectoid alloy by hot-rolling. <i>Transactions of Nonferrous Metals Society of China</i> , 2014 , 24, 2107-2111	3.3	3
104	Aging Process during Creep Deformation in an Al-Mg-Si Alloy Affected by Pre-Aging Condition. <i>Materials Science Forum</i> , 2014 , 794-796, 261-266	0.4	
103	The Effect of Microstructure on Mechanical Properties of Forged 6061 Aluminum Alloy. <i>Materials Transactions</i> , 2014 , 55, 114-119	1.3	16

102	Effects of solid solute Mn and Fe contents on creep behavior of Al-Mn alloys. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2014 , 64, 451-456	0.3	
101	Change of Hardness of Copper Sheet by Splitting Process. <i>Procedia Engineering</i> , 2014 , 81, 861-866		1
100	The Role of Cr in H Desorption Kinetics in Rapidly Solidified Al. <i>Materials Science Forum</i> , 2014 , 783-786, 264-269	0.4	4
99	The Behavior of Impurity Hydrogen in Metallic Materials 2013 , 171-180		
98	Effect of processing parameters of multipass friction stir processing on microstructure and hardness of 7075 aluminum alloy. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2013 , 63, 2-7	0.3	
97	Tritium Autoradiography Study on Hydrogen Invading Aluminum from Different Environments. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2013 , 77, 565-570	0.4	1
96	614 Effect of Irradiation Damage on Hardness of Tungsten and Copper Joint Materials at High Temperature. <i>The Proceedings of Ibaraki District Conference</i> , 2012 , 2012.20, 165-166	0	
95	Effect of Rapid Solidification on Microstructural Features of Al-Cr Alloys. <i>Materials Science Forum</i> , 2012 , 706-709, 301-304	0.4	5
94	Microstructure Control and Mechanical Properties of Multipass Friction Stir Processed High Strength Aluminum Alloy. <i>Materials Science Forum</i> , 2012 , 735, 316-321	0.4	1
93	Microstructural Control of a Zn-22Al Alloy by Rolling Process. <i>Materials Science Forum</i> , 2012 , 735, 289-294	0.4	1
92	Effects of magnesium addition on threshold stress of Al-Mn alloys. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2012 , 62, 300-305	0.3	2
91	Hydrogen Depth-Profiling and Desorption Kinetics in Rapidly Solidified Al-Fe Alloys 2012 , 49-54		2
90	613 Effect of Burn-off on Fracture Toughness of Carbon Materials. <i>The Proceedings of Ibaraki District Conference</i> , 2012 , 2012.20, 163-164	0	
89	Threshold stress of A3003 alloy 2012 , 547-552		
88	Kinetics of hydrogen desorption from rapidly solidified Al-Cr alloys. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2011 , 61, 458-462	0.3	
87	Kinetics of Hydrogen Desorption from Rapidly Solidified Al-Cr Alloys. <i>Materials Transactions</i> , 2011 , 52, 895-899	1.3	7
86	Thermal Desorption Spectroscopy Study on the Hydrogen Trapping States in a Pure Aluminum. <i>Materials Transactions</i> , 2011 , 52, 130-134	1.3	52
85	Microstructural Control of a Zn-Al Eutectoid Alloy by Hot-Rolling. <i>Advanced Materials Research</i> , 2011 , 409, 77-80	0.5	1

84	Behavior of Hydrogen in Electrolytically Charged Aluminum. <i>Advanced Materials Research</i> , 2011 , 409, 84-87	0.5	
83	OS18F099 Effect of Hydrogen on the Fatigue Crack Propagation in Aluminum Alloys. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics</i> , 2011 , 2011.10, _OS18F099--_OS18F099-	0	
82	605 Study on Joining Strength of Tungsten and Copper. <i>The Proceedings of Ibaraki District Conference</i> , 2011 , 2011.19, 159-160	0	
81	602 Effects of Deuterium on Fatigue Properties of High Strength Aluminum Alloys. <i>The Proceedings of Ibaraki District Conference</i> , 2011 , 2011.19, 153-154	0	
80	603 Effect of Burn-off on Fracture Toughness of Nuclear Graphites. <i>The Proceedings of Ibaraki District Conference</i> , 2011 , 2011.19, 155-156	0	
79	OS18-1-4 Effect of Hydrogen on the Fatigue Crack Propagation in Aluminum Alloys. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics</i> , 2011 , 2011.10, _OS18-1-4-	0	
78	Resistance to Hydrogen Embrittlement and Behavior of Hydrogen in 6000 Series Aluminum Alloys. <i>Materials Science Forum</i> , 2010 , 654-656, 2899-2902	0.4	1
77	Effect of Rapid Solidification Processing on Hydrogen Behaviour in Aluminium. <i>Materials Science Forum</i> , 2010 , 654-656, 998-1001	0.4	7
76	Durability of Aluminum Alloy/Rubber Joints in Corrosive Environment. <i>Materials Science Forum</i> , 2010 , 654-656, 1026-1029	0.4	1
75	Effect of Cr and Zr Dopes on Hydrogen Behaviour in Rapidly Solidified Aluminium Foils. <i>Materials Science Forum</i> , 2010 , 638-642, 465-468	0.4	9
74	Visualization of Diffusive Hydrogen. <i>Materials Science Forum</i> , 2010 , 654-656, 2903-2906	0.4	
73	Behavior of hydrogen in aluminum exposed in different atmospheres. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2010 , 60, 433-437	0.3	8
72	Assessing of Bendability of Aluminum Alloy Sheets for Autobodies. <i>Materials Science Forum</i> , 2010 , 654-656, 1022-1025	0.4	
71	Investigation of Local Hydrogen Distribution Around Fatigue Crack Tip of a Type 304 Stainless Steel with Secondary Ion Mass Spectrometry and Hydrogen Micro-Print Technique. <i>Journal of Solid Mechanics and Materials Engineering</i> , 2009 , 3, 898-909		6
70	Effect of microstructure on the hydrogen behavior in 7075 series aluminum alloys. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2008 , 58, 15-21	0.3	21
69	Influence of impurity hydrogen on coarse grain evolution in high purity aluminum foils for electrolytic capacitors. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2008 , 58, 229-235	0.3	1
68	110 Effects of Ion Irradiation on Hardness and Microstructure of Tungsten Joining Materials. <i>The Proceedings of Ibaraki District Conference</i> , 2008 , 2008, 19-20	0	
67	Behavior of Hydrogen in Al-4%Mg Alloys during Heat Treatment. <i>Materials Science Forum</i> , 2007 , 539-543, 305-310	0.4	

66	Superplastic Deformation Mechanism of a Zn-Al Eutectoid Alloy. <i>Materials Science Forum</i> , 2007 , 551-552, 153-156	0.4	1
65	Mechanical Properties and High Temperature Deformation of Beta Titanium Alloys. <i>Materials Science Forum</i> , 2007 , 546-549, 1379-1382	0.4	
64	Behavior Analysis of Environmental Hydrogen in High-Magnesium Al-Mg Alloys by Hydrogen Microprint Technique. <i>Materials Science Forum</i> , 2007 , 539-543, 475-480	0.4	1
63	Hydrogen absorption behavior in Al-Mg alloys exposed to an SO ₂ atmosphere during subsequent annealing. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2007 , 57, 203-209	0.3	2
62	Effect of ELID Grinding on Conductive Rubber-Bond Wheel. <i>Proceedings of International Conference on Leading Edge Manufacturing in 21st Century LEM21</i> , 2007 , 2007.4, 8E513		
61	Microstructural Change of Beta Type Titanium Alloy by Intense Plastic Deformation. <i>Materials Science Forum</i> , 2006 , 503-504, 705-710	0.4	1
60	Hydrogen Permeation Behaviour in Aluminium Alloys. <i>Materials Science Forum</i> , 2006 , 519-521, 1265-1270.	0.4	2
59	Effect of Heat Treatment Condition and Alloy Composition on Hydrogen Content in Al-Mg Alloys. <i>Materials Science Forum</i> , 2006 , 519-521, 1895-1900	0.4	
58	Effect of Small Additions of Fe on the Tensile Properties and Electrical Conductivity of Aluminium Wires. <i>Materials Science Forum</i> , 2006 , 519-521, 515-518	0.4	3
57	Behavior of environmental hydrogen in high-magnesium Al-Mg alloys analyzed by hydrogen microprint technique. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2006 , 56, 478-482	0.3	5
56	Effect of heat treatment condition on the hydrogen content in Al-4%Mg alloys. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2006 , 56, 203-209	0.3	9
55	Fatigue Crack Behavior Related to Aged Microstructure in an Al-4%Ge Alloy. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2006 , 70, 897-904	0.4	2
54	????????????? ???????????. <i>Materia Japan</i> , 2006 , 45, 648-652	0.1	3
53	Microstructural Modification in a Beta Titanium Alloy for Implant Applications. <i>Materials Transactions</i> , 2006 , 47, 90-95	1.3	10
52	Deformation Behavior of Polycrystalline AZ31 Alloy at Room and Elevated Temperatures. <i>Materials Science Forum</i> , 2005 , 488-489, 775-778	0.4	
51	Influence of Stress State on Superplastic Deformation Behavior in a Zn-Al Eutectoid Alloy. <i>Materials Science Forum</i> , 2005 , 475-479, 3017-3020	0.4	2
50	High Temperature Deformation Behavior of a Beta Titanium Alloy for Biomedical Application. <i>Materials Science Forum</i> , 2005 , 475-479, 2299-2302	0.4	2
49	Development of Conductive Rubber-Bond Wheel by ELID Grinding(Nanoprecision Elid grinding). <i>Proceedings of International Conference on Leading Edge Manufacturing in 21st Century LEM21</i> , 2005 , 2005.1, 231-236		

48	Application of Friction Stir Processing to 7075 Aluminum Alloys. <i>The Proceedings of Ibaraki District Conference, 2004</i> , 2004, 69-70	0	
47	Superplastic Behaviour and Microstructure Evolution in a Commercial Ultra-Fine Grained Al-Mg-Sc Alloy. <i>Materials Science Forum, 2004</i> , 447-448, 417-422	0.4	1
46	Recrystallized Grain Size in Cold-Rolled and Annealed AZ31 Wrought Magnesium Alloys Affected by Rolling Direction. <i>Materials Science Forum, 2004</i> , 447-448, 395-402	0.4	
45	Achievement of Low Temperature Superplasticity in a Commercial Aluminium Alloy Processed by Equal-Channel Angular Extrusion. <i>Materials Science Forum, 2004</i> , 447-448, 465-470	0.4	
44	Friction Stir Welding of a Commercial 7075-T6 Aluminum Alloy: Grain Refinement, Thermal Stability and Tensile Properties. <i>Materials Transactions, 2004</i> , 45, 2503-2508	1.3	44
43	Superplastic Behavior in Al-Li-Mg-Cu-Sc Alloy Sheet. <i>Materials Transactions, 2003</i> , 44, 1694-1697	1.3	4
42	Superplastic Response of an Advanced Al-Li-Mg-Cu-Sc Alloy Subjected to Intense Plastic Deformation. <i>Materials Transactions, 2003</i> , 44, 1698-1701	1.3	3
41	Effect of microstructure on fatigue strength in an aged Al-4% Ge alloy.. <i>Keikinzoiku/Journal of Japan Institute of Light Metals, 2003</i> , 53, 104-109	0.3	2
40	Behavior of Hydrogen in Al-Mg Alloys Investigated by Means of Hydrogen Microprint Technique. <i>Keikinzoiku/Journal of Japan Institute of Light Metals, 2003</i> , 53, 575-581	0.3	9
39	Recrystallized Grain Size in Cold-Rolled and Annealed AZ31 Wrought Magnesium Alloys Affected by Rolling Direction. <i>Materials Science Forum, 2003</i> , 419-422, 355-358	0.4	4
38	Microstructure Changes of Al-Ge Alloys with Repeated Loading. <i>Materia Japan, 2003</i> , 42, 855-855	0.1	
37	Refinement of Recrystallized Grains in Wrought Magnesium Alloy AZ31 through Cold Rolling and Subsequent Annealing. <i>Nippon Kinzoiku Gakkaishi/Journal of the Japan Institute of Metals, 2002</i> , 66, 16-21	0.4	2
36	High Strain Rate Superplasticity in an Al-Li-Mg Alloy Subjected to Equal-Channel Angular Extrusion. <i>Materials Transactions, 2002</i> , 43, 2370-2377	1.3	24
35	Behavior of hydrogen in an Ni3Al compound investigated by means of hydrogen microprint technique. <i>Intermetallics, 2000</i> , 8, 599-603	3.5	3
34	Behavior of Hydrogen in an Ni3Al Compound Investigated by means of Hydrogen Microprint Technique. <i>Nippon Kinzoiku Gakkaishi/Journal of the Japan Institute of Metals, 1999</i> , 63, 593-596	0.4	6
33	Effects of Specimen Thickness and Grain Size on Creep Deformation of Aluminum Alloy Foils. <i>Nippon Kinzoiku Gakkaishi/Journal of the Japan Institute of Metals, 1999</i> , 63, 196-200	0.4	5
32	Creep Behavior of Aluminum Alloy Foils for Microelectronic Circuits. <i>Key Engineering Materials, 1999</i> , 171-174, 633-638	0.4	1
31	Lattice-Diffusion Creep Mechanism Not Based on Stress Heterogeneity. <i>Key Engineering Materials, 1999</i> , 171-174, 231-236	0.4	

30	Lattice-Diffusion Creep Mechanism Not Based on Stress Heterogeneity (2). <i>Key Engineering Materials</i> , 1999 , 171-174, 291-296	0.4	
29	Further Study on the Effects of Specimen Thickness and Grain Size on the Creep Behavior of Aluminum Alloy Foils. <i>Materials Transactions, JIM</i> , 1999 , 40, 443-446		4
28	Observation of Impurity Hydrogen Evolved from Aluminum during Deformation by Means of Silver Decoration Technique. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1998 , 62, 742-747	0.4	7
27	Observation of Impurity Hydrogen evolved from Aluminum and Titanium Alloys during Deformation by means of Hydrogen Microprint Technique. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1998 , 62, 790-795	0.4	22
26	Lattice Diffusion Creep Mechanism not Based on Vacancy Concentration Gradient. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1998 , 62, 1206-1207	0.4	
25	Effect of impurity hydrogen on the deformation and fracture in an Al-5 mass Pct Mg alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 1997 , 28, 2291-2295	2.3	17
24	Visualizing Technique of Impurity Hydrogen Evolved from Aluminum during Deformation. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1997 , 61, 366-367	0.4	4
23	Evidence for the transport of impurity hydrogen with gliding dislocations in aluminum. <i>Scripta Materialia</i> , 1996 , 35, 695-698	5.6	53
22	Mechanical properties of a Ti15V3Cr3Sn3Al alloy affected by the impurity hydrogen. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1996 , 213, 93-97	5.3	3
21	Effect of Impurity Hydrogen on the Void Formation Prior to Fracture in Aluminum. <i>Materials Science Forum</i> , 1996 , 217-222, 1467-1472	0.4	2
20	Effect of Silver Addition on the Precipitation of the ω -phase in an Al-Cu-Mg Alloy. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1995 , 59, 492-501	0.4	12
19	Effects of Vanadium and Chromium Addition on σ -Phase Precipitation in a 2091 Aluminium Alloy. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1995 , 59, 251-257	0.4	6
18	Detection of Gasses Evolved from Metallic Materials during Deformation. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1995 , 59, 296-302	0.4	19
17	Low-Temperature Tensile Properties of Al-4.5%Zn-1.5%Mg Alloys Containing Recrystallization Inhibitors. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1995 , 59, 381-388	0.4	
16	Microstructures in Atomised Powder and Spray-Formed Preforms of Titanium- and Ti3Al-Base Alloys. <i>Materials Transactions, JIM</i> , 1994 , 35, 501-507		3
15	Localized Deformation of Aluminum Alloys during Serrated Flow at Cryogenic Temperatures. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1993 , 57, 1130-1135	0.4	
14	Microscopic analysis of hydrogen by tritium autoradiography.. <i>Keikinzoiku/Journal of Japan Institute of Light Metals</i> , 1992 , 42, 112-120	0.3	6
13	Hydrogen segregation in an Al-Li alloy. <i>Scripta Metallurgica Et Materialia</i> , 1992 , 26, 69-74		15

12	Equipment for Detection of Gasses Emitted from Metallic Materials during Deformation. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1992 , 56, 1501-1502	0.4	9
11	Precipitation of the Intermediate Phase β' in an Al-8%Mg Alloy. <i>Materials Transactions, JIM</i> , 1990 , 31, 1041-1049		11
10	Precipitation of intermediate phase in an Al-8%Mg alloy.. <i>Keikinzoiku/Journal of Japan Institute of Light Metals</i> , 1990 , 40, 36-44	0.3	5
9	Effect of Cold-Working on the Aging Behavior of an Al-8%Mg Alloy. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1989 , 53, 157-163	0.4	2
8	Al-Zn-Mg alloys.. <i>Keikinzoiku/Journal of Japan Institute of Light Metals</i> , 1988 , 38, 818-839	0.3	12
7	Encroachment mechanism of the liquid phase on the core material of brazing sheets.. <i>Keikinzoiku/Journal of Japan Institute of Light Metals</i> , 1987 , 37, 754-756	0.3	2
6	A Study of Intermediate Temperature Embrittlement in Pure Copper. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1984 , 48, 1016-1021	0.4	17
5	Deformation of brazing sheets affected by the structure of core materials during brazing.. <i>Keikinzoiku/Journal of Japan Institute of Light Metals</i> , 1984 , 34, 708-716	0.3	12
4	Aging Phenomena of Rapidly Solidified Al-4 mass%Cu-Mn Alloys. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1983 , 47, 873-878	0.4	2
3	The Precipitation of Silicon Phase in Al-Si Alloys. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1982 , 46, 78-84	0.4	13
2	Hydrogen Depth-Profiling and Desorption Kinetics in Rapidly Solidified Al-Fe Alloys49-54		
1	Threshold Stress of A3003 Alloy547-552		