

Tokuteru Uesugi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6819837/tokuteru-uesugi-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

124
papers

1,193
citations

20
h-index

29
g-index

139
ext. papers

1,318
ext. citations

1.6
avg, IF

4.46
L-index

#	Paper	IF	Citations
124	New dislocation dissociation accompanied by anti-phase shuffling in the β martensite phase of a Ti alloy. <i>Acta Materialia</i> , 2022 , 227, 117705	8.4	0
123	Solute cluster-induced precipitation and resultant surface hardening during nitriding of Fe-Al-W alloys. <i>Scripta Materialia</i> , 2021 , 203, 114121	5.6	2
122	Prediction System for Solid Solubility Limits of Ag-, Cu-, Al-, and Mg-Based Alloys Using Artificial Neural Networks and First-Principles Calculations. <i>Materials Transactions</i> , 2020 , 61, 2083-2090	1.3	
121	Nano Clustering of Interstitial and Substitutional Solute Atoms in Steels. <i>Materia Japan</i> , 2020 , 59, 128-133	1.1	1
120	Mechanical properties and microstructures after abnormal grain growth in electrodeposited Ni-W alloys. <i>Materialia</i> , 2019 , 8, 100481	3.2	4
119	Artificial neural network assisted by first-principles calculations for predicting transformation temperatures in shape memory alloys. <i>International Journal of Modern Physics B</i> , 2019 , 33, 1950055	1.1	2
118	Al-8Mg alloy with high strength and high ductility by addition of a grain boundary strengthening element. <i>Materials Letters</i> , 2019 , 245, 218-221	3.3	9
117	Suppression of the thermal embrittlement induced by sulfur segregation to grain boundary in Ni-based electrodeposits. <i>Materialia</i> , 2019 , 6, 100312	3.2	5
116	Ductile electrodeposited Al from a dimethylsulfone bath with trace amounts of tin chloride. <i>Materials Letters</i> , 2019 , 244, 192-194	3.3	2
115	Increasing the W Content in Electrodeposited Bulk Nanocrystalline Ni-W Alloys with High Ductility. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2019 , 70, 50-52	0.1	1
114	Effects of Zr-addition on intergranular fracture of Al-Cu-Mg and Al-Zn-Mg-Cu alloys. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2019 , 69, 235-241	0.3	
113	Effect of a small amount of Fe-addition on intergranular fracture of Al-0.3 mass%Mg alloys. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2019 , 69, 457-464	0.3	2
112	Reduction of impurity contents in aluminum plates electrodeposited from a dimethylsulfone-aluminum chloride bath. <i>Journal of Alloys and Compounds</i> , 2019 , 783, 919-926	5.7	7
111	Development of Electrodeposition Process Based on Chloride Electrolytes for Bulk Pure Fe with Plastic Deformability. <i>Materials Transactions</i> , 2019 , 60, 130-135	1.3	
110	Revealing the intrinsic ductility of electrodeposited nanocrystalline metals. <i>Materials Letters</i> , 2019 , 235, 224-227	3.3	3
109	Construction of Constitutive Equation for Elevated Temperature Deformation in FeCrSi Fiber-Reinforced Al Alloy Composites. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2018 , 67, 1000-1005	0.1	
108	Fabrication of Electrodeposited Permalloys with High Strength and High Ductility. <i>Materials Transactions</i> , 2018 , 59, 598-601	1.3	6

107	Fabrication of Defect-Free FeMn Alloys by Using Electrodeposition. <i>Materials Transactions</i> , 2018 , 59, 935-938	1.3	4
106	First-principles study of transformation strains and phase stabilities in α' and β -Ti-Nb-X alloys. <i>Journal of Alloys and Compounds</i> , 2017 , 716, 37-45	5.7	7
105	Improvement of High Temperature Strength by Addition of Vanadium Content of NiCrMo Steel for Brake Discs. <i>ISIJ International</i> , 2017 , 57, 550-557	1.7	1
104	Reduction in sulfur content of electrodeposited bulk nanocrystalline FeNi alloys using manganese chloride. <i>Materials Letters</i> , 2016 , 175, 86-88	3.3	13
103	Effect of Solute Elements on Grain Refinement during Friction Stir Processing in High-Purity Aluminum. <i>Materials Science Forum</i> , 2016 , 838-839, 116-121	0.4	2
102	Texture Change during Superplastic Deformation in Fine-Grained Magnesium Alloys. <i>Materials Science Forum</i> , 2016 , 838-839, 59-65	0.4	2
101	Calculation of alloying effect on formation enthalpy of TiCu intermetallics from first-principles calculations for designing TiCu-system metallic glasses. <i>Philosophical Magazine Letters</i> , 2016 , 96, 27-34	1	7
100	Alloying Effects of Transition Metals on Beta Phase Stability of Ti Alloys from First-Principles Calculations 2016 , 1919-1923		1
99	Effects of Solute Fe, Zn and Mg on Recrystallization in Aluminum. <i>Materials Transactions</i> , 2016 , 57, 329-334	3.4	7
98	Effect of Alloying Element X on Transformation Strains and Phase Stabilities between α' and β ; Ti-Nb-X (X = Al, Sn, Zr, Ta) Ternary Alloys from First-Principles Calculations. <i>Materials Transactions</i> , 2016 , 57, 263-268	1.3	7
97	MIG welding of Mg β %Al α %Zn γ %Ca alloys. <i>Keikin-zoku/Journal of Japan Institute of Light Metals</i> , 2016 , 66, 252-257	0.3	1
96	Significance of Si impurities on exceptional room-temperature superplasticity in a high-purity Zn-22%Al alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015 , 645, 47-56	5.3	20
95	The evaluation parameters for glass-forming ability in TiCu system metallic glasses. <i>Materials Letters</i> , 2015 , 139, 73-76	3.3	2
94	Mechanical Behavior of Electrodeposited Bulk Nanocrystalline Fe-Ni Alloys. <i>Materials Research</i> , 2015 , 18, 95-100	1.5	7
93	Enhancement in mechanical properties of bulk nanocrystalline FeNi alloys electrodeposited using propionic acid. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014 , 607, 505-510	5.3	32
92	Contribution of interstitial solute strengthening in aluminum. <i>Philosophical Magazine Letters</i> , 2014 , 94, 63-71	1	11
91	Fabrication of bulk nanocrystalline FeNi alloys with high strength and high ductility by an electrodeposition. <i>Materials Letters</i> , 2014 , 116, 71-74	3.3	34
90	Prediction and fabrication of TiZrCo ternary metallic glasses based on effective atomic radius in Ti solid solution from first-principles calculations. <i>Journal of Non-Crystalline Solids</i> , 2014 , 400, 67-71	3.9	6

89	Strategy for Electrodeposition of Highly Ductile Bulk Nanocrystalline Metals with a Face-Centered Cubic Structure. <i>Materials Transactions</i> , 2014 , 55, 1859-1866	1.3	24
88	Application of First-principles Calculations for Solid-solution Alloys. <i>Materia Japan</i> , 2014 , 53, 410-413	0.1	0
87	Influence of Filler Rod Composition on the Strength of Tungsten Inert Gas Welded Magnesium Alloy Joint. <i>Advanced Materials Research</i> , 2014 , 922, 663-666	0.5	0
86	Dislocation Creep in Al-22.2, 53.6 and 101 at.ppm Fe Solid Solution Alloys. <i>Advanced Materials Research</i> , 2014 , 922, 749-754	0.5	2
85	Influence of Impurities on Mechanical Properties of Electrodeposited Bulk Nanocrystalline Al. <i>Advanced Materials Research</i> , 2014 , 922, 574-579	0.5	
84	Design and Fabrication of New Ti-Based Ternary Metallic Glasses Based on Effective Atomic Radius in the Ti Solid Solution Calculated by Ab Initio Calculation. <i>Advanced Materials Research</i> , 2014 , 922, 671-675	0.5	0.5
83	Development of Highly Efficient Saving Processes of Rare Earth in R-T-B Permanent Magnet. <i>Physics Procedia</i> , 2014 , 54, 168-173		2
82	Effect of Small Addition of Si on Superplastic Elongation at Room Temperature in Zn-Al Eutectoid Superplastic Alloy. <i>Advanced Materials Research</i> , 2014 , 922, 328-331	0.5	1
81	Preparatory Electrodeposition Process for High Purity Bulk Aluminum. <i>Advanced Materials Research</i> , 2014 , 922, 237-241	0.5	
80	Relationship between Strength and Grain Size of Friction Stir Processed and Annealed High Purity Aluminum. <i>Advanced Materials Research</i> , 2014 , 922, 372-375	0.5	1
79	Development of New High-Strength and Heat-Resistant Mg-Zn-Y-X (X=Zr and Ag) Casting Alloys. <i>Materials Science Forum</i> , 2014 , 783-786, 384-389	0.4	1
78	Accommodation mechanisms for grain boundary sliding as inferred from texture evolution during superplastic deformation. <i>Philosophical Magazine</i> , 2013 , 93, 2913-2931	1.6	21
77	Pre-electrodeposition process for improving tensile ductility of Al electrodeposited from a dimethylsulfone bath. <i>Materials Letters</i> , 2013 , 109, 229-232	3.3	11
76	First-principles studies on lattice constants and local lattice distortions in solid solution aluminum alloys. <i>Computational Materials Science</i> , 2013 , 67, 1-10	3.2	72
75	Fabrication of Bulk Nanocrystalline Ni-W with Plastic Deformability Electrodeposited from a Sulfamate Bath 2013 , 3291-3296		
74	Effect of additives on tensile properties of bulk nanocrystalline Ni ₄ W alloys electrodeposited from a sulfamate bath. <i>Materials Letters</i> , 2013 , 99, 65-67	3.3	25
73	Effect of interstitial carbon on the mechanical properties of electrodeposited bulk nanocrystalline Ni. <i>Acta Materialia</i> , 2013 , 61, 3360-3369	8.4	64
72	Effect of orientation on tensile ductility of electrodeposited bulk nanocrystalline Ni ₄ W alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013 , 578, 318-322	5.3	39

71	Effect of Addition of Small Amount of Zinc on Microstructural Evolution and Thermal Shock Behavior in Low-Ag Sn–Ag–Cu Solder Joints during Thermal Cycling. <i>Materials Transactions</i> , 2013 , 54, 796-805	1.3	11
70	Enthalpies of Solution in Ti–X (X = Mo, Nb, V and W) Alloys from First-Principles Calculations. <i>Materials Transactions</i> , 2013 , 54, 484-492	1.3	29
69	Microstructure and Mechanical Properties of the Heat-Resistant Mg-Zn-Y-Ag Cast Alloys with Long-Period Stacking Ordered Structures. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2013 , 77, 159-164	0.4	2
68	First-Principles Calculation of Grain Boundary Excess Volume and Free Volume in Nanocrystalline and Ultrafine-Grained Aluminum. <i>Materials Transactions</i> , 2013 , 54, 1597-1604	1.3	10
67	Fabrication of bulk nanocrystalline Ni-W with plastic deformability electrodeposited from a sulfamate bath 2013 , 3291-3296		
66	Improvement in tensile ductility of electrodeposited bulk nanocrystalline Ni–W by sulfamate bath using propionic acid. <i>Microelectronic Engineering</i> , 2012 , 91, 98-101	2.5	15
65	Fabrication of bulk nanocrystalline Al electrodeposited from a dimethylsulfone bath. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012 , 550, 363-366	5.3	25
64	Threshold stress for superplasticity in solid solution magnesium alloys. <i>Philosophical Magazine</i> , 2012 , 92, 787-803	1.6	23
63	Optimization of the Mg–Al–Zn–Ca–Sr alloy composition based on the parameter A ² in the constitutive equation for the climb-controlled dislocation creep including the stacking fault energy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012 , 551, 19-24	5.3	7
62	Effects of Zn addition and aging treatment on tensile properties of Sn–Ag–Cu alloys. <i>Journal of Alloys and Compounds</i> , 2012 , 527, 226-232	5.7	35
61	Isotropic superplastic flow in textured magnesium alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012 , 558, 656-662	5.3	20
60	Segregation of Alkali and Alkaline Earth Metals at $\Sigma_{11}(113)[110]$ Grain Boundary in Aluminum from First-Principles Calculations. <i>Materials Transactions</i> , 2012 , 53, 1699-1705	1.3	15
59	First-principles calculation of grain boundary excess volume and free volume in nanocrystalline and ultrafine-grained aluminum. <i>Keikinzo/Journal of Japan Institute of Light Metals</i> , 2012 , 62, 464-471	0.3	1
58	Influence of Gloss Agent Types on Tensile Properties of Bulk Nanocrystalline Ni Electrodeposited from Sulfamate Bath. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2011 , 62, 686	0.1	15
57	Influence of Bath Composition on Tensile Ductility in Electrodeposited Bulk Nanocrystalline Nickel. <i>Materials Transactions</i> , 2011 , 52, 142-146	1.3	14
56	Dynamic Friction Properties and Microstructural Evolution in AZ31 Magnesium Alloy at Elevated Temperature during Ring Compression Test. <i>Materials Transactions</i> , 2011 , 52, 1575-1580	1.3	1
55	Application of Electroforming Process to Bulk Amorphous Ni-W Alloy. <i>Materials Transactions</i> , 2011 , 52, 37-40	1.3	19
54	Effect of Mg content on the minimum grain size of Al–Mg alloys obtained by friction stir processing. <i>Scripta Materialia</i> , 2011 , 64, 355-358	5.6	73

53	Enhanced tensile ductility in bulk nanocrystalline nickel electrodeposited by sulfamate bath. <i>Materials Letters</i> , 2011 , 65, 2351-2353	3.3	26
52	First-principles calculation of grain boundary energy and grain boundary excess free volume in aluminum: role of grain boundary elastic energy. <i>Journal of Materials Science</i> , 2011 , 46, 4199-4205	4.3	34
51	Grain boundary relaxation in fine-grained magnesium solid solutions. <i>Philosophical Magazine</i> , 2011 , 91, 4158-4171	1.6	20
50	OS19-1-3 Influence of Gloss Agents on Mechanical properties of Electrodeposited Bulk Nanocrystalline Ni. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics</i> , 2011 , 2011.10, _OS19-1-3-	0	
49	OS19-1-4 Fabrication of Bulk Nanocrystalline Ni-W with Plastic Deformability by Electrodeposition. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics</i> , 2011 , 2011.10, _OS19-1-4-	0	
48	OS19-4-4 Mechanical loss at elevated temperatures associated with grain boundary relaxation in fine-grained magnesium solid solutions. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics</i> , 2011 , 2011.10, _OS19-4-4-	0	
47	Determination of Dynamic Friction Coefficients of Aluminum Alloys at Elevated Temperatures by Using Ring-Compression Tests. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2011 , 60, 838-843 ^{0.1}		
46	OS18-1-2 Effect of trace silicon on high temperature ductility in Al-8Mg and Al-8Mg-0.2Zr alloys. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics</i> , 2011 , 2011.10, _OS18-1-2-	0	
45	803 Lattice parameters and local lattice distortions in Al-based solid solutions from first principles. <i>The Proceedings of the Computational Mechanics Conference</i> , 2011 , 2011.24, 229-230	0	
44	Tensile Properties of Bulk Nanocrystalline Ni and Ni-W Fabricated by Sulfamate Bath. <i>Materials Science Forum</i> , 2010 , 654-656, 1114-1117	0.4	9
43	Solute Segregation at $\{1(113)[110]$ Grain Boundary and Effect of the Segregation on Grain Boundary Cohesion in Aluminum from First Principles. <i>Materials Science Forum</i> , 2010 , 654-656, 942-945	0.4	5
42	Effect of Tool Materials on Dynamic Friction Characteristics and Microstructural Evolution at Elevated Temperature in Extruded AZ31 Magnesium Alloy. <i>Materials Transactions</i> , 2010 , 51, 477-481	1.3	3
41	Investigation on Dynamic Friction Properties of Extruded AZ31 Magnesium Alloy Using by Ring Upsetting Method. <i>Materials Transactions</i> , 2010 , 51, 1249-1254	1.3	9
40	Effect of Small Addition of Zinc on Creep Behavior of Tin. <i>Materials Transactions</i> , 2010 , 51, 1747-1752	1.3	15
39	Effect of Pre-Introduced Shear Bands Direction on Deformation Behavior in Zr55Al10Ni5Cu30 Bulk Metallic Glass. <i>Materials Transactions</i> , 2009 , 50, 2355-2358	1.3	18
38	1014 Relation between grain boundary segregation energy and grain boundary energy in Al-Mg alloy : a first-principles study. <i>The Proceedings of the Computational Mechanics Conference</i> , 2009 , 2009.22, 27-28	0	
37	Softening by Coarsening of Ni-Al B2 Phase Particles in Fe-Cr-Ni-Al-Zr Alloy. <i>Materials Transactions</i> , 2008 , 49, 489-493	1.3	2
36	Effect of Initial Grain Size on Dynamically Recrystallized Grain Size in AZ31 Magnesium Alloy. <i>Materials Transactions</i> , 2008 , 49, 1979-1982	1.3	25

35	204 Effect of segregation of solute atoms on grain boundary surface in aluminum from the first-principles calculations. <i>The Proceedings of the Computational Mechanics Conference</i> , 2008 , 2008.21, 137-138	0	
34	High-Hardening Processing by Equal-Cannel Angular Extrusion in Fe-13.5Cr-1.3Mo-0.4C Stainless Steel. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2008 , 57, 105-111	0.1	1
33	Optimizing on Hardening Behavior in Rapidly Solidified Processed Fe-13.5Cr-1.3Mo-0.4C Stainless Steel. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2008 , 57, 704-711	0.1	
32	First-Principles Studies on Grain Boundary Energies of [110] Tilt Grain Boundaries in Aluminum. <i>Materials Science Forum</i> , 2007 , 561-565, 1837-1840	0.4	11
31	Effect of Ca and Sr Content on Elevated Temperatures Mechanical Properties of a Cast AZ91 Magnesium Alloy. <i>Advanced Materials Research</i> , 2007 , 26-28, 141-144	0.5	
30	Effect of Second Phase Particles on Phase Stability of Zirconia in Hot Water. <i>Advanced Materials Research</i> , 2007 , 26-28, 781-784	0.5	1
29	Fabrication of the Bulk Amorphous Ni-W Alloy by an Electroforming Process. <i>Materials Science Forum</i> , 2007 , 561-565, 1375-1378	0.4	7
28	Stacking Fault Energy of Cu-Ga Alloys from First Principles. <i>Materials Science Forum</i> , 2007 , 561-565, 1915-1918	0.4	7
27	Atomistic Studies of Deformation Mechanism of Nanocrystalline Al-Ti and Al-Fe Alloys from First-Principles. <i>Materials Science Forum</i> , 2007 , 561-565, 977-980	0.4	4
26	Dynamic Recrystallization during Hot Extrusion in AZ31 and AZ80 Alloys. <i>Advanced Materials Research</i> , 2007 , 26-28, 449-452	0.5	3
25	Dynamic Recrystallization during Hot Extrusion in Mg-3Al-0.1Y Alloy. <i>Advanced Materials Research</i> , 2007 , 26-28, 433-436	0.5	2
24	Effect of Co-Doping Cation on Phase Stability of Zirconia Bioceramics in Hot Water. <i>Advanced Materials Research</i> , 2007 , 26-28, 773-776	0.5	
23	Effect of Small Amount of Dopant on Phase Stability of Zirconia Bioceramics. <i>Materials Science Forum</i> , 2007 , 561-565, 1561-1564	0.4	
22	Mechanical Properties of Twin Roll Cast AZ91 Magnesium Alloy at Room Temperature. <i>Advanced Materials Research</i> , 2007 , 26-28, 145-148	0.5	1
21	Microstructure and Mechanical Properties in Friction Stir Processed Zr-Al-Ni-Cu Bulk Metallic Glass. <i>Materials Science Forum</i> , 2007 , 561-565, 1345-1348	0.4	1
20	Fabrication of Homogeneous Bulk Nanocrystalline Ni-W Alloys by an Electroforming Process. <i>Advanced Materials Research</i> , 2007 , 26-28, 691-694	0.5	7
19	First-Principles Calculations of Grain Boundary-Surface for Various Grain Boundaries with Different Energies in Aluminum. <i>Materials Science Forum</i> , 2007 , 551-552, 331-336	0.4	3
18	Effect of Manganese Addition on Strength and Fracture Toughness in Mg-6Al-1Zn Alloy. <i>Key Engineering Materials</i> , 2006 , 306-308, 857-862	0.4	1

17	Deformation Mechanism of Nanocrystalline Al-Fe Alloys by Analysis from Ab-Initio Calculations. <i>Materials Science Forum</i> , 2006 , 503-504, 209-214	0.4	7
16	Elastic Constants of AlLi from First Principles. <i>Materials Transactions</i> , 2005 , 46, 1117-1121	1.3	25
15	Materials Design for High-Strength Mg-Based Alloys by Understanding from Ab Initio Calculation. <i>Materials Science Forum</i> , 2005 , 488-489, 131-134	0.4	5
14	Grain Boundary Sliding of B(001) Twist Grain Boundary in Aluminium Bicrystal from First-Principles Calculations. <i>Materials Science Forum</i> , 2004 , 447-448, 27-32	0.4	9
13	Effect of impurities on intergranular fracture in aluminum from the first-principles calculations. <i>The Proceedings of the Computational Mechanics Conference</i> , 2004 , 2004.17, 277-278	0	
12	Optimum designs of additional elements from first-principles simulations. <i>Keikin-zoku/Journal of Japan Institute of Light Metals</i> , 2004 , 54, 82-89	0.3	22
11	Generalized Stacking Fault Energy and Dislocation Properties for Various Slip Systems in Magnesium: a First-Principles Study. <i>Materials Science Forum</i> , 2003 , 419-422, 225-230	0.4	31
10	Atomic Size Effects on Al, Ca and Sc in Mg Solid Solutions from First-Principles Calculations. <i>Materials Science Forum</i> , 2003 , 426-432, 599-604	0.4	7
9	Molecular Dynamics Simulation of Triazine Dithiol / MgO Interface. <i>Materials Science Forum</i> , 2003 , 419-422, 943-948	0.4	1
8	Ab initio study on divacancy binding energies in aluminum and magnesium. <i>Physical Review B</i> , 2003 , 68,	3.3	60
7	Development of Heat Resistant Magnesium Alloys from First-Principles Calculations. <i>The Proceedings of the Computational Mechanics Conference</i> , 2003 , 2003.16, 515-516	0	
6	Effects of solute atoms on the stacking fault energy in magnesium from first principles. <i>The Proceedings of the Computational Mechanics Conference</i> , 2002 , 2002.15, 175-176	0	
5	Ab Initio Calculation on the Structure and Elastic Properties of a Magnesium-Lithium Alloy. <i>Materials Transactions</i> , 2001 , 42, 1167-1171	1.3	18
4	401 Ab initio studies on magnesium in slip deformation. <i>The Proceedings of the Computational Mechanics Conference</i> , 2001 , 2001.14, 405-406	0	
3	Ab Initio Study on the Structure of Mg-Li Alloys. <i>Materials Science Forum</i> , 2000 , 350-351, 49-54	0.4	10
2	Mechanical Properties of Twin Roll Cast AZ91 Magnesium Alloy at Room Temperature. <i>Advanced Materials Research</i> , 145-148	0.5	2
1	Fabrication of Homogeneous Bulk Nanocrystalline Ni-W Alloys by an Electroforming Process. <i>Advanced Materials Research</i> , 691-694	0.5	2