

# Ruizhi Wu

## List of Publications by Year in descending order

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116  
papers

4,165  
citations

87723

38  
h-index

133063

59  
g-index

117  
all docs

117  
docs citations

117  
times ranked

1519  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-high strength Mg-Li alloy with B2 particles and spinodal decomposition zones. <i>Fundamental Research</i> , 2023, 3, 430-433.	1.6	5
2	Effect of Single-Pass Large-Strain Rolling on Microstructure and Mechanical Properties of Al-3Li-1Cu-0.2Er-0.1Zr Alloy. <i>Journal of Materials Engineering and Performance</i> , 2022, 31, 3287-3298.	1.2	2
3	Effect of extrusion plus rolling on damping capacity and mechanical properties of Mg-Y-Er-Zn-Zr alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 830, 142298.	2.6	18
4	Effect of Li content on electromagnetic shielding effectiveness in binary Mg-Li alloys: a combined experimental and first-principles study. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 3891-3900.	1.1	3
5	Effects of Al, Y, and Zn Additions on the Microstructure and Mechanical Properties of Mg-3Li Alloy. <i>Advanced Engineering Materials</i> , 2022, 24, .	1.6	3
6	Influence alloying elements of Al and Y in Mg-Li alloy on the corrosion behavior and wear resistance of microarc oxidation coatings. <i>Surface and Coatings Technology</i> , 2022, 432, 128042.	2.2	15
7	Effect of carbonate additive on the microstructure and corrosion resistance of plasma electrolytic oxidation coating on Mg-9Li-3Al alloy. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2022, 29, 1453-1463.	2.4	41
8	Grain Refinement Behavior of Accumulative Roll Bonding-Processed Mg-14Li-3Al-2Gd Alloy. <i>Journal of Materials Engineering and Performance</i> , 2022, 31, 6617-6625.	1.2	3
9	A good balance between mechanical properties and electromagnetic shielding effectiveness in Mg-9Li-3Al-1Zn alloy. <i>Materials Characterization</i> , 2022, 188, 111888.	1.9	16
10	Advances in micro-arc oxidation coatings on Mg-Li alloys. <i>Applied Surface Science Advances</i> , 2022, 8, 100219.	2.9	27
11	Achieving high strength in a Mg-Li-Zn-Y alloy by $\text{L}_{12}$ -Mg precipitation. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 846, 143272.	2.6	10
12	A Novel Ordered B2 Particle Strengthened Mg-Li-Zn Alloy. <i>Advanced Engineering Materials</i> , 2022, 24, .	1.6	1
13	Coarsening kinetics and strengthening mechanisms of core-shell nanoscale precipitates in Al-Li-Yb-Er-Sc-Zr alloy. <i>Journal of Materials Science and Technology</i> , 2021, 61, 197-203.	5.6	60
14	Towards developing Mg alloys with simultaneously improved strength and corrosion resistance via RE alloying. <i>Journal of Magnesium and Alloys</i> , 2021, 9, 41-56.	5.5	217
15	Interface behavior and tensile properties of Mg-14Li-3Al-2Gd sheets prepared by four-layer accumulative roll bonding. <i>Journal of Manufacturing Processes</i> , 2021, 61, 254-260.	2.8	27
16	Mathematical analysis and its experimental comparisons for the accumulative roll bonding (ARB) process with different superimposed layers. <i>Journal of Magnesium and Alloys</i> , 2021, 9, 1741-1752.	5.5	21
17	Effect of Sn alloying and cold rolling on microstructure and mechanical properties of Mg-14Li alloy. <i>Materials Characterization</i> , 2021, 182, 111491.	1.9	8
18	Simultaneous achievement of high electromagnetic shielding effectiveness (X-band) and strength in Mg-Li-Zn-Gd/MWCNTs composite. <i>Journal of Alloys and Compounds</i> , 2021, 882, 160524.	2.8	21

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19	Synergistically improved damping, elastic modulus and mechanical properties of rolled Mg-8Li-4Y-2Er-2Zn-0.6Zr alloy with twins and long-period stacking ordered phase. <i>Journal of Alloys and Compounds</i> , 2021, 881, 160663.	2.8	81
20	Microstructural evolution, precipitation behavior and mechanical properties of a novel Al-Zn-Mg-Cu-Li-Sc-Zr alloy. <i>Journal of Materials Research</i> , 2021, 36, 740-750.	1.2	11
21	Effect of Y and Ce on the microstructure, mechanical properties and anisotropy of as-rolled Mg-8Li-1Al alloy. <i>Journal of Materials Science and Technology</i> , 2020, 39, 124-134.	5.6	93
22	Microstructure and Mechanical Properties of Mg-14Li-3Al-2Gd Alloy Processed by Multilayer Accumulative Roll Bonding. <i>Advanced Engineering Materials</i> , 2020, 22, 1900774.	1.6	6
23	High specific strength Mg-Li-Zn-Er alloy processed by multi deformation processes. <i>Materials Characterization</i> , 2020, 160, 110135.	1.9	49
24	Improvement of electromagnetic shielding properties for Mg-8Li-6Y-2Zn alloy by heat treatment and hot rolling. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 17249-17257.	1.1	6
25	Effect of rolling temperature on deformation behavior and mechanical properties of Mg-8Li-1Al-0.6Y-0.6Ce alloy. <i>Journal of Alloys and Compounds</i> , 2020, 831, 154765.	2.8	17
26	Effect of TiC Content on Tensile Properties, Bend Strength, and Thermal Conductivity of Al-Li-Cu-Mg-Zr Alloy/TiC Composites Produced by Accumulative Roll Bonding. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 3253-3263.	1.2	2
27	Combination effects of Yb addition and cryogenic-rolling on microstructure and mechanical properties of LA141 alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 788, 139611.	2.6	56
28	X-band shielding properties of Mg-9Li matrix composite containing Ni <sub>0.4</sub> Zn <sub>0.4</sub> Co <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> fabricated by multi-layer composite rolling. <i>Journal of Alloys and Compounds</i> , 2020, 843, 156053.	2.8	16
29	Enhanced Electromagnetic Interference Shielding in a Duplex-Phase Mg-9Li-3Al-1Zn Alloy Processed by Accumulative Roll Bonding. <i>Acta Metallurgica Sinica (English Letters)</i> , 2020, 33, 490-499.	1.5	83
30	Concurrently improving uniform elongation and strength of ultrafine-grained Al-2Li alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 792, 139848.	2.6	13
31	The transformation of LPSO type in Mg-4Y-2Er-2Zn-0.6Zr and its response to the mechanical properties and damping capacities. <i>Journal of Magnesium and Alloys</i> , 2020, 8, 793-798.	5.5	48
32	Effect of Yb addition on the microstructure and mechanical properties of ZK60 alloy during extrusion. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 777, 139033.	2.6	20
33	Microstructure and Mechanical Properties of the As-Cast Al <sub>75</sub> Li <sub>15</sub> Cu <sub>5</sub> Mg <sub>5</sub> Zr Alloy with High Li Content and Different Cu/Mg Ratios. <i>Advanced Engineering Materials</i> , 2020, 22, 1901570.	1.6	2
34	High-strength, ductility and modulus Al-Li/B <sub>4</sub> C composite with near nanostructure produced by accumulative roll bonding. <i>Journal of Alloys and Compounds</i> , 2020, 834, 155105.	2.8	15
35	Microstructure and mechanical properties of ultra-lightweight Mg-Li-Al/Al-Li composite produced by accumulative roll bonding at ambient temperature. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 787, 139494.	2.6	30
36	Effect of Annealing Temperature on the Microstructure and Mechanical Properties of the Al/Mg-8Li-3Al-1Zn/Al Composite Plates Fabricated by Hot Rolling. <i>Physics of Metals and Metallography</i> , 2019, 120, 447-453.	0.3	2

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37	Evolution of Microstructure, Mechanical Properties, and Thermal Conductivity of an Al-Li-Cu-Mg-Zr Alloy Processed by Accumulative Roll Bonding (ARB). <i>Jom</i> , 2019, 71, 4096-4104.	0.9	5
38	Effects of icosahedral phase on mechanical anisotropy of as-extruded Mg-14Li (in wt%) based alloys. <i>Journal of Materials Science and Technology</i> , 2019, 35, 2477-2484.	5.6	28
39	High strength ultrafine-grained Al-Li laminate produced by accumulative roll bonding and aging processes. <i>Journal of Alloys and Compounds</i> , 2019, 811, 152045.	2.8	5
40	Effect of cryogenic rolling process on microstructure and mechanical properties of Mg-14Li-1Al alloy. <i>Materials Characterization</i> , 2019, 157, 109903.	1.9	22
41	Microstructure and mechanical properties of Mg-5Li-1Al sheets processed by cross accumulative roll bonding. <i>Journal of Manufacturing Processes</i> , 2019, 46, 139-146.	2.8	16
42	Influence of rolling strain on electromagnetic shielding property and mechanical properties of dual-phase Mg-9Li alloy. <i>Materials Characterization</i> , 2019, 157, 109924.	1.9	30
43	High-strength and ductility bimodal-grained Al-Li/Li-Zr composite produced by accumulative roll bonding. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 761, 138049.	2.6	14
44	Effects of Sc and Zr on microstructure and properties of 1420 aluminum alloy. <i>Materials Characterization</i> , 2019, 154, 241-247.	1.9	30
45	Effect of Y and Ce addition on microstructures and mechanical properties of LZ91 alloys. <i>Journal of Alloys and Compounds</i> , 2019, 800, 72-80.	2.8	31
46	Processability and mechanical properties of surface-modified glass-fibres/phthalonitrile composite and Al-Li alloy fibre-metal-laminates. <i>Materials Science and Technology</i> , 2019, 35, 661-668.	0.8	6
47	Effects of Cold Rolling on Microstructural Evolution and Mechanical Properties of Mg-14Li-1Zn Alloy. <i>Advanced Engineering Materials</i> , 2019, 21, 1801344.	1.6	10
48	Microstructure and Mechanical Properties of the Cold-Rolled Mg-14Li-1Zn Alloy after Hot Rolling. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-7.	1.0	1
49	The Effect of Y/Er and Zn Addition on the Microstructure and Mechanical Properties of Mg-11Li Alloy. <i>Materials</i> , 2019, 12, 3066.	1.3	4
50	Impeding effect of the Al <sub>3</sub> (Er,Zr,Li) particles on planar slip and intergranular fracture mechanism of Al-3Li-1Cu-0.1Zr-X alloys. <i>Materials Characterization</i> , 2019, 147, 146-154.	1.9	36
51	Improving age hardening response and mechanical properties of a new Mg-RE alloy via simple pre-cold rolling. <i>Journal of Alloys and Compounds</i> , 2019, 777, 1375-1385.	2.8	45
52	Fabrication Process, Tensile, and Gamma Rays Shielding Properties of Newly Developed Fiber Metal Laminates Based on an Al-Li Alloy and Carbon Fibers-Tungsten Carbide Nanoparticles Reinforced Phthalonitrile Resin Composite. <i>Advanced Engineering Materials</i> , 2019, 21, 1800779.	1.6	8
53	Ambient-temperature mechanical properties of isochronally aged 1420-Sc-Zr aluminum alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 745, 411-419.	2.6	54
54	Mechanical and gamma rays shielding properties of a novel fiber-metal laminate based on a basalt/phthalonitrile composite and an Al-Li alloy. <i>Composite Structures</i> , 2019, 210, 421-429.	3.1	26

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55	Microstructure, mechanical properties and wear performance of AZ31 matrix composites reinforced by graphene nanoplatelets(GNPs). <i>Journal of Alloys and Compounds</i> , 2018, 750, 530-536.	2.8	71
56	Microstructure and Hardness of Mg-9Li-6Al Alloy After Different Variants of Solid Solution Treatment. <i>Metal Science and Heat Treatment</i> , 2018, 59, 761-766.	0.2	3
57	Effects of Cu/Mg ratio on the microstructure, mechanical and corrosion properties of Al-Li-Cu-Mg-X alloys. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 718, 241-249.	2.6	55
58	Development of high mechanical properties and moderate thermal conductivity cast Mg alloy with multiple RE via heat treatment. <i>Journal of Materials Science and Technology</i> , 2018, 34, 1076-1084.	5.6	89
59	Microstructure and mechanical properties of Mg-5Li-1Al sheets prepared by accumulative roll bonding. <i>Journal of Materials Science and Technology</i> , 2018, 34, 317-323.	5.6	59
60	Effects of Annealing Process on the Interface of Alternate $\hat{1}\hat{2}$ Mg-Li Composite Sheets Prepared by Accumulative Roll Bonding. <i>Journal of Materials Processing Technology</i> , 2018, 254, 265-276.	3.1	42
61	Effect of Minor Er on the Microstructure and Properties of Al-6.0Mg-0.4Mn-0.1Cr-0.1Zr Alloys. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 5709-5717.	1.2	5
62	Recent developments in high-strength Mg-RE-based alloys: Focusing on Mg-Gd and Mg-Y systems. <i>Journal of Magnesium and Alloys</i> , 2018, 6, 277-291.	5.5	554
63	Effect of Sc and Zr on Microstructure and Mechanical Properties of As-Cast Al-Cu Alloys. <i>Advanced Engineering Materials</i> , 2018, 20, 1700898.	1.6	17
64	Influence of the rolling direction on the microstructure, mechanical, anisotropy and gamma rays shielding properties of an Al-Cu-Li-Mg-X alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 732, 129-137.	2.6	41
65	Study on hydrophobicity and wettability transition of Ni-Cu-SiC coating on Mg-Li alloy. <i>Surface and Coatings Technology</i> , 2018, 350, 428-435.	2.2	27
66	Low temperature superplasticity of a dual-phase Mg-Li-Zn alloy processed by a multi-mode deformation process. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 737, 61-68.	2.6	27
67	Microstructure, Texture, and Mechanical Properties of Alternate $\hat{1}\hat{2}$ Mg-Li Composite Sheets Prepared by Accumulative Roll Bonding. <i>Advanced Engineering Materials</i> , 2017, 19, 1600817.	1.6	15
68	Microstructure and mechanical properties at elevated temperature of Mg-Al-Ni alloys prepared through powder metallurgy. <i>Journal of Materials Science and Technology</i> , 2017, 33, 947-953.	5.6	29
69	Microstructure and thermal conductivity of Mg-2Zn-Zr alloy. <i>Journal of Alloys and Compounds</i> , 2017, 722, 772-777.	2.8	57
70	Achieving High Strength and Ductility in Magnesium Alloys via Densely Hierarchical Double Contraction Nanotwins. <i>Nano Letters</i> , 2017, 17, 6117-6124.	4.5	114
71	The deformation behavior and microstructure evolution of duplex Mg-9Li-1Al alloy during superplasticity tensile testing. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 274, 012113.	0.3	1
72	Microstructure and Mechanical Properties of Mg-8Li-(0, 1, 2)Ca-(0, 2)Gd Alloys. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 4831-4837.	1.2	7

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73	Preparation of Fine-Grained and High-Strength Mg-8Li-3Al-1Zn Alloy by Accumulative Roll Bonding. <i>Advanced Engineering Materials</i> , 2016, 18, 304-311.	1.6	40
74	Influence of Nd and Y on texture of as-extruded Mg-5Li-3Al-2Zn alloy. <i>Physics of Metals and Metallography</i> , 2016, 117, 735-741.	0.3	5
75	Influence of Annealing Temperature on the Microstructure and Mechanical Properties of Al/Mg/Al Composite Sheets Fabricated by Roll Bonding. <i>Advanced Engineering Materials</i> , 2016, 18, 1792-1798.	1.6	23
76	Microstructure, mechanical and damping properties of Mg-Er-Gd-Zn alloy reinforced with stacking faults. <i>Materials &amp; Design</i> , 2015, 79, 53-59.	5.1	64
77	Influence of rolling directions on microstructure, mechanical properties and anisotropy of Mg-5Li-1Al-0.5Y alloy. <i>Journal of Magnesium and Alloys</i> , 2015, 3, 345-351.	5.5	30
78	Microstructure Evolution and Hardness Variation of Mg-9Li-6Al-xLa (x=0 and 2.0) Alloys Under Different Aging Parameters. <i>Jom</i> , 2015, 67, 2442-2449.	0.9	5
79	Microstructure and mechanical properties of LA51 and LA51-0.5Y alloys with different accumulated strains and rolling temperatures. <i>Materials and Design</i> , 2015, 85, 190-196.	3.3	18
80	Microstructure and hardness of Mg-9Li-6Al-xLa (x=0, 2, 5) alloys during solid solution treatment. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 625, 169-176.	2.6	45
81	Ageing behavior of Mg-9Li-6Al-xY (x= 0, 0.5, 2) alloys. <i>Journal of Alloys and Compounds</i> , 2014, 616, 408-412.	2.8	15
82	Influence of the combined addition of Y and Nd on the microstructure and mechanical properties of Mg-Li alloy. <i>Materials &amp; Design</i> , 2014, 57, 245-249.	5.1	51
83	Influence of Y and Nd on microstructure, texture and anisotropy of Mg-5Li-1Al alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 600, 1-7.	2.6	50
84	Microstructure and mechanical properties of high-performance Mg-Y-Er-Zn extruded alloy. <i>Materials &amp; Design</i> , 2014, 54, 256-263.	5.1	52
85	Microstructures and tensile properties of hot extruded Mg-5Li-3Al-2Zn-xRE (Rare Earths) alloys. <i>Materials &amp; Design</i> , 2014, 54, 792-795.	5.1	33
86	Influences of solid solution parameters on the microstructure and hardness of Mg-9Li-6Al and Mg-9Li-6Al-2Y. <i>Materials &amp; Design</i> , 2014, 53, 528-533.	5.1	51
87	Effect of strain rate on compressive mechanical properties of extruded Mg-8Li-1Al-1Ce alloy. <i>Materials &amp; Design</i> , 2013, 49, 110-115.	5.1	20
88	The process of electroplating with Cu on the surface of Mg-Li alloy. <i>Surface and Coatings Technology</i> , 2013, 225, 119-125.	2.2	40
89	Experimental study on strengthening of Mg-Li alloy by introducing long-period stacking ordered structure. <i>Scripta Materialia</i> , 2013, 68, 675-678.	2.6	50
90	Superplastic behavior of extruded Mg-9Y-4Zn alloy containing long period stacking ordered phase. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 576, 202-206.	2.6	16

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91	The solution and room temperature aging behavior of Mg <sub>90</sub> Li <sub>x</sub> Al <sub>(x=3, 6)</sub> alloys. Journal of Alloys and Compounds, 2012, 536, 145-149.	2.8	55
92	Superplasticity at elevated temperature of an Mg <sub>80</sub> Li <sub>2</sub> Zn alloy. Journal of Alloys and Compounds, 2012, 541, 372-375.	2.8	32
93	Creep behaviors of Mg <sub>5</sub> Li <sub>3</sub> Al <sub>(0,1)</sub> Ca alloys. Materials & Design, 2012, 34, 863-866.	5.1	33
94	EFFECTS OF COMBINED ADDITION OF Y AND Nd ON MICROSTRUCTURE AND TEXTURE AFTER COMPRESSION OF Mg-Li ALLOY AT ROOM TEMPERATURE. Jinshu Xuebao/Acta Metallurgica Sinica, 2012, 48, 725.	0.3	8
95	Microstructure and mechanical properties of Mg <sub>80</sub> Li <sub>20</sub> Zn <sub>0.5</sub> (Ce, Y) alloys. Journal of Alloys and Compounds, 2011, 509, 1615-1618.	2.8	11
96	Influence of yttrium on microstructure and mechanical properties of as-cast Mg <sub>5</sub> Li <sub>3</sub> Al <sub>2</sub> Zn alloy. Journal of Alloys and Compounds, 2011, 509, 9045-9049.	2.8	63
97	Microstructure and mechanical properties of Mg <sub>60</sub> Gd <sub>40</sub> Dy <sub>40</sub> Zn alloy with long period stacking ordered structure or stacking faults. Journal of Alloys and Compounds, 2011, 509, 7717-7722.	2.8	70
98	Deformation and microstructure evolution of a high strain rate superplastic Mg <sub>80</sub> Li <sub>20</sub> Zn alloy. Journal of Alloys and Compounds, 2011, 509, 9558-9561.	2.8	45
99	Effects of calcium on the microstructures and tensile properties of Mg <sub>5</sub> Li <sub>3</sub> Al alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 5678-5684.	2.6	30
100	Effects of Ce-rich RE additions and heat treatment on the microstructure and tensile properties of Mg <sub>80</sub> Li <sub>10</sub> Al <sub>10</sub> Zn-based alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 2174-2179.	2.6	71
101	Microstructure, mechanical properties and aging behaviors of as-extruded Mg <sub>5</sub> Li <sub>3</sub> Al <sub>2</sub> Zn <sub>1.5</sub> Cu alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 3915-3920.	2.6	27
102	Superplasticity in a two-phase Mg <sub>80</sub> Li <sub>20</sub> Zn alloy processed by two-pass extrusion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 6157-6162.	2.6	43
103	Microstructure and Mechanical Properties of the As-Cast and Extruded Mg-(6-11)Li-3Al-Ce-Ca Alloys. Materials Transactions, 2010, 51, 1526-1530.	0.4	4
104	Effects of Cu addition on the microstructure and hardness of Mg <sub>5</sub> Li <sub>3</sub> Al <sub>2</sub> Zn alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 2780-2783.	2.6	44
105	Influences of 1Åwt% La-rich RE addition and deformation processes on the alloy of Mg <sub>60</sub> Li <sub>40</sub> Al. Journal of Materials Science, 2010, 45, 4084-4087.	1.7	2
106	The superplastic property of the as-extruded Mg <sub>80</sub> Li alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 3284-3287.	2.6	25
107	Effects of solution heat treatment on the microstructure and hardness of Mg <sub>5</sub> Li <sub>3</sub> Al <sub>2</sub> Zn <sub>2</sub> Cu alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 7138-7142.	2.6	21
108	Microstructure, mechanical properties and aging behavior of Mg <sub>5</sub> Li <sub>3</sub> Al <sub>2</sub> Zn <sub>x</sub> Ag. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 520, 36-39.	2.6	67

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109	Effects of the addition of Y in Mg <sup>8</sup> Li(1,3)Al alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 516, 96-99.	2.6	83
110	Microstructures and properties of superlight Mg <sup>Li</sup> Al <sup>Zn</sup> wrought alloys. Journal of Alloys and Compounds, 2009, 486, 722-725.	2.8	93
111	Effects of Nd on microstructure and mechanical properties of as-cast LA141 alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 487, 347-351.	2.6	65
112	The effects of purge gases on the hydrogen content and mechanical properties of spray-degassed Al. Jom, 2007, 59, 62-64.	0.9	2
113	Theoretical analysis and experimental study of spray degassing method. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2005, 408, 19-25.	2.6	19
114	Effects of melt temperature on mechanical properties and fracture structure of commercial purity aluminum purified with salt-based flux. Journal of Materials Science, 2004, 39, 6867-6869.	1.7	3
115	Microstructure, Mechanical Properties and Strain Hardening Behavior of Alternative $\hat{1}\pm/\hat{1}^2$ Mg-Li Composite Sheets Prepared by Accumulative Roll Bonding. Metals and Materials International, 0, , 1.	1.8	2
116	Protective and Thermophysical Characteristics of Plasma-Electrolytic Coatings on the Ultra-Light Magnesium Alloy. Journal of Engineering Materials and Technology, Transactions of the ASME, 0, , 1-15.	0.8	5