

# Gao-Yong Lin

## List of Publications by Citations

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17  
papers

105  
citations

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h-index

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17  
ext. papers

134  
ext. citations

3  
avg, IF

2.43  
L-index

#	Paper	IF	Citations
17	Enhanced strength and electrical conductivity of AlMgSi alloy by thermo-mechanical treatment. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2016</b> , 650, 210-217	5.3	37
16	Effects of process parameters and die geometry on longitudinal welds quality in aluminum porthole die extrusion process. <i>Central South University</i> , <b>2010</b> , 17, 688-696		18
15	Effects of LaCe addition on microstructure and mechanical properties of Al <sub>0.8</sub> Si <sub>0.4</sub> Cu <sub>0.5</sub> Mg alloy. <i>Transactions of Nonferrous Metals Society of China</i> , <b>2019</b> , 29, 1592-1600	3.3	13
14	Effects of stabilizing heat treatment on microstructures and creep behavior of Zn <sub>0.10</sub> Al <sub>0.2</sub> Cu <sub>0.02</sub> Ti alloy. <i>Transactions of Nonferrous Metals Society of China</i> , <b>2013</b> , 23, 86-91	3.3	8
13	Effect of low temperature thermo-mechanical treatment on microstructures and mechanical properties of TC4 alloy. <i>Central South University</i> , <b>2010</b> , 17, 443-448		4
12	Texture Evolution and Dynamic Recrystallization of Zr <sub>0.3</sub> Sn <sub>0.3</sub> Nb <sub>0.3</sub> Fe <sub>0.1</sub> Cr Alloy During Hot Rolling. <i>Acta Metallurgica Sinica (English Letters)</i> , <b>2020</b> , 33, 215-224	2.5	4
11	Microstructural and mechanical properties of ZA10 alloy tubes and their weld seams prepared by Conform continuous extrusion. <i>Rare Metals</i> , <b>2020</b> , 39, 707-715	5.5	3
10	Effects of conform continuous extrusion and heat treatment on the microstructure and mechanical properties of Al <sub>0.3</sub> Si <sub>0.5</sub> Cu <sub>0.5</sub> Mg alloy. <i>International Journal of Minerals, Metallurgy and Materials</i> , <b>2019</b> , 26, 1013-1019	3.1	3
9	Microstructure Characteristics of As-Cast Zn-16Al Alloy during Homogenization Treatment. <i>Materials and Manufacturing Processes</i> , <b>2013</b> , 28, 1234-1239	4.1	3
8	Effects of heat treatments on microstructure and properties of nickel-aluminum bronze fabricated by centrifugal casting. <i>Journal of Materials Research</i> , <b>2016</b> , 31, 3832-3840	2.5	3
7	Removal of AlN from secondary aluminum dross by pyrometallurgical treatment. <i>Journal of Central South University</i> , <b>2021</b> , 28, 386-397	2.1	3
6	Effects of T5 heat treatment on extrusion welds in AZ80 hollow profile. <i>Materials and Manufacturing Processes</i> , <b>2018</b> , 33, 232-238	4.1	2
5	Study of microstructure and mechanical property heterogeneity throughout the wall thickness of high strength aluminum alloy thick-wall pipe. <i>Journal of Materials Research</i> , <b>2019</b> , 34, 2736-2745	2.5	2
4	Dynamic Recrystallization Behavior of Zr-1Sn-0.3Nb Alloy During Hot Rolling Process. <i>Jom</i> , <b>2018</b> , 70, 1106-1111	2.1	1
3	A comparative study on effects of special casting processes on microstructural development in Cu-10Al-4Fe-4Ni alloy. <i>Journal of Materials Research</i> , <b>2013</b> , 28, 2874-2880	2.5	1
2	Softening interstage annealing of austenitic stainless steel sheets for stamping processes. <i>Journal of Central South University</i> , <b>2012</b> , 19, 1508-1516	2.1	
1	Effect of pH Value on Electroless Deposition of Copper Graphite Powders. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2021</b> , 57, 132-138	0.9	

