

# Guangsheng Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5926971/publications.pdf>

Version: 2024-02-01

12  
papers

395  
citations

1307594

7  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

243  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Zn addition on the mechanical properties and texture of extruded Mg-Zn-Ca-Ce magnesium alloy sheets. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 705, 46-54.	5.6	74
2	An investigation on microstructure, texture and formability of AZ31 sheet processed by asymmetric porthole die extrusion. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 720, 85-97.	5.6	70
3	Influence of initial texture on formability of AZ31B magnesium alloy sheets at different temperatures. <i>Journal of Materials Processing Technology</i> , 2011, 211, 1575-1580.	6.3	62
4	Improvement of mechanical properties and reduction of yield asymmetry of extruded Mg-Sn-Zn alloy through Ca addition. <i>Journal of Alloys and Compounds</i> , 2019, 782, 1076-1086.	5.5	62
5	Deep drawability and drawing behaviour of AZ31 alloy sheets with different initial texture. <i>Journal of Alloys and Compounds</i> , 2014, 615, 302-310.	5.5	53
6	Influence of stress state on microstructure evolution of AZ31 Mg alloy rolled sheet during deformation at room temperature. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 715, 379-388.	5.6	37
7	Microscopic deformation compatibility during biaxial tension in AZ31 Mg alloy rolled sheet at room temperature. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 756, 1-10.	5.6	13
8	Achieving High Ductility in Hot-Rolled Mg-xZn-0.2Ca-0.2Ce Sheet by Zn Addition. <i>Jom</i> , 2020, 72, 1607-1618.	1.9	8
9	Deformation Characterization, Twinning Behavior and Mechanical Properties of Dissimilar Friction-Stir-Welded AM60/AZ31 Alloys Joint During the Three-Point Bending. <i>Acta Metallurgica Sinica (English Letters)</i> , 2022, 35, 727-744.	2.9	8
10	Deformation Behavior of the Mg-Zn-Ca-Ce Alloy Sheets Subjected to Uniaxial and Biaxial Tensile Tests. <i>Metals and Materials International</i> , 2021, 27, 4322-4332.	3.4	3
11	Improving Mechanical Properties of Mg-Sc Alloy by Surface AZ31 Layer. <i>Metals</i> , 2021, 11, 2021.	2.3	3
12	Effect of Zn concentration on microstructure and corrosion resistance of Mg-Zn alloys microalloyed with Ca and Ce. <i>Anti-Corrosion Methods and Materials</i> , 2021, 68, 130-136.	1.5	2