

# Juan Liu

## List of Publications by Year in descending order

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papers

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1163117

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docs citations

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times ranked

356  
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#	ARTICLE	IF	CITATIONS
1	3D processing map for hot working of extruded AZ80 magnesium alloy. <i>Rare Metals</i> , 2017, 36, 10-17.	7.1	7
2	Hot Deformation Stability of Extruded AZ61 Magnesium Alloy Using Different Instability Criteria. <i>Acta Metallurgica Sinica (English Letters)</i> , 2015, 28, 1364-1372.	2.9	6
3	Flow characteristics and intrinsic workability of IN718 superalloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 642, 279-287.	5.6	68
4	A 2.5-dimensional analytical model of cold leveling for plates with transverse wave defects. <i>Journal of Iron and Steel Research International</i> , 2015, 22, 664-671.	2.8	17
5	Characterization of hot deformation behavior of extruded ZK60 magnesium alloy using 3D processing maps. <i>Materials &amp; Design</i> , 2014, 56, 889-897.	5.1	89
6	Ductile Fracture Prediction of 316LN Stainless Steel In Hot Deformation Process. <i>Journal of Iron and Steel Research International</i> , 2014, 21, 923-930.	2.8	10
7	Material driven workability simulation by FEM including 3D processing maps for magnesium alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 3011-3019.	4.2	10
8	Hot forging process design and parameters determination of magnesium alloy AZ31B spur bevel gear. <i>Journal of Materials Processing Technology</i> , 2009, 209, 5871-5880.	6.3	48
9	Analysis of metal workability by integration of FEM and 3-D processing maps. <i>Journal of Materials Processing Technology</i> , 2008, 205, 497-505.	6.3	79
10	Modelling of flow stress characterizing dynamic recrystallization for magnesium alloy AZ31B. <i>Computational Materials Science</i> , 2008, 41, 375-382.	3.0	114