Hyoungwook Kim

List of Publications by Citations

16 papers	330 citations	10 h-index	17 g-index
17 ext. papers	352 ext. citations	2.5 avg, IF	2.89 L-index

#	Paper	IF	Citations
16	Deformation textures of AA8011 aluminum alloy sheets severely deformed by accumulative roll bonding. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2005**, 36, 3151-3163	2.3	57
15	Microstructure and mechanical properties of Mg□4.5Al□1.0Zn alloy sheets produced by twin roll casting and sequential warm rolling. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2008**, 492, 317-326	5.3	55
14	Effect of heat treatment on microstructure and mechanical properties of twin roll cast and sequential warm rolled ZK60 alloy sheets. *Journal of Alloys and Compounds*, **2009**, 476, 324-328	5.7	46
13	Bending behavior, and evolution of texture and microstructure during differential speed warm rolling of AZ31B magnesium alloys. *Acta Materialia*, **2011**, 59, 5638-5651	8.4	39
12	Process parameters and roll separation force in horizontal twin roll casting of aluminum alloys. *Journal of Materials Processing Technology*, **2015**, 218, 48-56	5.3	28
11	Texture and microstructure evolution during the symmetric and asymmetric rolling of AZ31B magnesium alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2013**, 566, 40-46	5.3	26
10	Evolution of deformation texture in Al/Al□Mg/Al composite sheets during cold-roll cladding. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2011**, 530, 244-252	5.3	19
9	Microstructure and Mechanical Properties of ZK60 Alloy Sheets during Aging. *Materials Science Forum*, **2007**, 558-559, 159-164	0.4	13
8	Texture Properties of AA8011 Aluminum Alloy Sheet Manufactured by the Accumulative Roll Bonding Process(ARB). *Materials Science Forum*, **2002**, 408-412, 727-732	0.4	13
7	6xxx Series Al Alloy Sheets with High Formability Produced by Twin-roll Strip Casting and Asymmetric Rolling. *Journal of Korean Institute of Metals and Materials*, **2012**, 50, 503-509	1	10
6	Microstructure and Tensile Properties of Al-(5~10)wt%Mg Alloy Sheets Fabricated by Twin Roll Casting and Rolling Process. *Key Engineering Materials*, **2010**, 443, 45-50	0.4	9
5	Effect of Heat Treatment on Microstructure and Mechanical Properties in ZK60 Alloy Sheet. *Materials Science Forum*, **2007**, 567-568, 361-364	0.4	8
4	Effect of Intermediate Heat Treatment on the Mechanical Properties of 3003/4343 Aluminum Clad Sheet Manufactured by Strip Casting/Clad Rolling. *Materials Transactions*, **2015**, 56, 242-248	1.3	3
3	Fabrication of High Mg Containing Al-Mg Alloy Sheets by Twin Roll Strip Casting. *Advanced Materials Research*, **2007**, 29-30, 83-86	0.5	3
2	Simulation of Texture Evolution during Hot Rolling Deformation in FCC Materials. *Key Engineering Materials*, **2007**, 345-346, 869-872	0.4	1
1	Fabrication of Ultrafine Grained Copper Alloy by 3-Layers Accumulative Roll-Bonding Process. *Key Engineering Materials*, **2010**, 443, 158-163	0.4	