

# Yunkyum Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/67183/publications.pdf>

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11  
papers

180  
citations

1040056

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1281871

11  
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11  
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11  
docs citations

11  
times ranked

121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and Thermal Analysis of Sn-Ag Nano Solders. <i>Materials Transactions</i> , 2010, 51, 2145-2149.	1.2	33
2	Wettability of $Mn_xSi_yO_z$ by Liquid Zn-Al Alloys. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2010, 41, 872-875.	2.1	21
3	Investigation of the Dynamic Reactive Wetting of Sn-Ag-Cu Solder Alloys on Ni(P)/Au Coated Cu Substrates. <i>Materials Transactions</i> , 2009, 50, 2695-2698.	1.2	20
4	Effect of dew point on the formation of surface oxides of twinning-induced plasticity steel. <i>Materials Characterization</i> , 2014, 89, 138-145.	4.4	20
5	Improvement of the wettability of SiMn IF-HSS by liquid zinc by controlling the dew point of the annealing gas atmosphere. <i>Journal of Materials Science</i> , 2010, 45, 2112-2117.	3.7	19
6	The influence of the dew point on the wettability of twinning-induced-plasticity steels by liquid Zn-0.23-wt% Al. <i>Corrosion Science</i> , 2014, 85, 364-371.	6.6	19
7	Effect of Si content on wettability of dual phase high strength steels by liquid Zn-0.23 wt.%Al. <i>Metals and Materials International</i> , 2011, 17, 607-611.	3.4	17
8	Surface Tension of Liquid Fe-O Alloys: Revisiting Belton's Two-Step Adsorption Model. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2014, 45, 947-952.	2.1	14
9	The influence of Mn Content on the wettability of dual-phase high-strength steels by liquid Zn-0.23% Al. <i>Journal of Materials Science</i> , 2012, 47, 8477-8482.	3.7	9
10	Effect of Nickel Precoating on Wettability of Twinning-Induced Plasticity Steels by Liquid Zn-0.23Wt%Al. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 4960-4969.	2.2	4
11	Prediction of Phase Separation of Immiscible Ga-Tl Alloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 3130-3136.	2.2	4