

# Tatsuaki Sakamoto

## List of Publications by Year in descending order

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17  
papers

270  
citations

1307594

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1125743

13  
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20  
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docs citations

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times ranked

247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of Particle-Dispersed Nanocomposite and Supersaturated Solid Solution by Mechanical Alloying of Al and Al <sub>2</sub> O <sub>3</sub> Powders. Materials Transactions, 2022, 63, 141-147.	1.2	0
2	Alloy Design and Fabrication of Ingots of Al-Mg-Ca Light-Weight Medium Entropy Alloys. Materials Transactions, 2020, 61, 1369-1380.	1.2	15
3	Synthesis of Ce <sub>x</sub> Pd <sub>1-x</sub> O <sub>2</sub> Solid Solution in Molten Nitrate. Catalysts, 2020, 10, 640.	3.5	5
4	Effects of $\beta$ Phase Nucleating at Transition Phase and Dislocation on Mechanical Properties in Metastable $\beta$ Titanium Alloy Ti-6.8Mo-4.5Fe-1.5Al. Materials Transactions, 2017, 58, 986-992.	1.2	2
5	Fabrication and characterization of fine-grained 316L steel with 2.0 mass% TiC. Journal of Nuclear Science and Technology, 2016, 53, 1951-1959.	1.3	2
6	Effects of Sizes and Aggregate of Bainite Laths on Strength and Elongation in Bainitic Steels. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2015, 33, 58s-62s.	0.5	1
7	Effect of hot-wire on microstructure and mechanical property in weld metal formed with CO <sub>2</sub> gas shielded arc welding method. Welding International, 2015, 29, 409-416.	0.7	0
8	Development of nanostructured SUS316L-2%TiC with superior tensile properties. Journal of Nuclear Materials, 2015, 466, 468-476.	2.7	7
9	Formation of Stable Dislocation Network in Austenite and Its Effect on Nucleation of BWING in Bainitic Steels. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2015, 33, 71s-74s.	0.5	0
10	Effects of Pretreatment before Austenitization on Mechanical Properties in a Bainitic Steel. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2015, 33, 125s-129s.	0.5	0
11	Current status of nanostructured tungsten-based materials development. Physica Scripta, 2014, T159, 014032.	2.5	71
12	Acceleration or Suppression of $\beta$ -Phase Precipitation Using Isothermal $\beta$ Phase in Ti-20at.pctNb Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 1217-1229.	2.2	10
13	Effect of Nb Addition on the Growth and Coarsening of Cu-particles in Ferritic Stainless Steel. ISIJ International, 2014, 54, 1697-1704.	1.4	7
14	Development of Nanostructured Tungsten Based Materials Resistant to Recrystallization and/or Radiation Induced Embrittlement. Materials Transactions, 2013, 54, 456-465.	1.2	104
15	Nucleation of Bainite at Small Angle Dislocation Network in Austenite and Its Effects on Mechanical Properties in Steels. ISIJ International, 2011, 51, 274-279.	1.4	20
16	Effect of Nb Addition on Cu Precipitation in Ferritic Stainless Steel. ISIJ International, 2011, 51, 657-662.	1.4	14
17	High Temperature Deformation of a Fine-Grained and Particle-Dispersed V-2.3%Y-4%Ti-3%Mo Alloy. Materials Transactions, 2006, 47, 2497-2503.	1.2	12