

Tatsuaki Sakamoto

List of Publications by Year in descending order

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17
papers

270
citations

1307594

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h-index

1125743

13
g-index

20
all docs

20
docs citations

20
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Nanostructured Tungsten Based Materials Resistant to Recrystallization and/or Radiation Induced Embrittlement. Materials Transactions, 2013, 54, 456-465.	1.2	104
2	Current status of nanostructured tungsten-based materials development. Physica Scripta, 2014, T159, 014032.	2.5	71
3	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
4	Alloy Design and Fabrication of Ingots of Al-Mg-Li-Ca Light-Weight Medium Entropy Alloys. Materials Transactions, 2020, 61, 1369-1380.	1.2	15
5	Effect of Nb Addition on Cu Precipitation in Ferritic Stainless Steel. ISIJ International, 2011, 51, 657-662.	1.4	14
6	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
7	Acceleration or Suppression of β -Phase Precipitation Using Isothermal β Phase in Ti-20at.pctNb Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 1217-1229.	2.2	10
8	Development of nanostructured SUS316L-2%TiC with superior tensile properties. Journal of Nuclear Materials, 2015, 466, 468-476.	2.7	7
9	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
10	Synthesis of $Ce_{1-x}Pd_xO_{2-\delta}$ Solid Solution in Molten Nitrate. Catalysts, 2020, 10, 640.	3.5	5
11	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
12	Effects of β Phase Nucleating at Transition Phase and Dislocation on Mechanical Properties in Metastable β Titanium Alloy Ti-6.8Mo-4.5Fe-1.5Al. Materials Transactions, 2017, 58, 986-992.	1.2	2
13	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
14	Effect of hot-wire on microstructure and mechanical property in weld metal formed with CO ₂ gas shielded arc welding method. Welding International, 2015, 29, 409-416.	0.7	0
15	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
16	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
17	Formation of Particle-Dispersed Nanocomposite and Supersaturated Solid Solution by Mechanical Alloying of Al and Al ₂ O ₃ Powders. Materials Transactions, 2022, 63, 141-147.	1.2	0