

Isao Nakatsugawa

List of Publications by Year in descending order

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papers

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840776

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21
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617
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion of Linear-Friction-Welded AZ91 and AZX912 Mg-Al Alloys. Journal of the Electrochemical Society, 2022, 169, 031508.	2.9	3
2	Discharge Performance of Mg-6 wt%Al Alloy Anodes Containing Ca and Zn for Magnesium-Air Batteries. Journal of the Electrochemical Society, 2021, 168, 050507.	2.9	10
3	Linear Friction Welding of an AZ91 Magnesium Alloy and the Effect of Ca Additions on the Weld Characteristics. Materials, 2021, 14, 3130.	2.9	4
4	Effect of Area Ratio on the Galvanic Corrosion of AZX611 Magnesium Alloy/A6N01 Aluminum Alloy Joint. Materials Transactions, 2021, 62, 1764-1770.	1.2	5
5	Performance of AZ31 Alloy as Anodes for Primary Magnesium-Air Batteries under High Current Discharge. Materials Transactions, 2020, 61, 200-205.	1.2	13
6	Effect of NaCl Concentration on the Galvanic Corrosion Behavior of a Magnesium AZX611/Aluminum A6N01 Alloy Joint. Journal of the Electrochemical Society, 2020, 167, 061501.	2.9	10
7	Spark plasma sintering behavior of combustion-synthesized (Y, Ca)- $\hat{1}$ -SiAlON. Ceramics International, 2016, 42, 15687-15693.	4.8	13
8	Solution combustion synthesis of LiMn2O4 fine powders for lithium ion batteries. Advanced Powder Technology, 2014, 25, 342-347.	4.1	49
9	Fabrication of mixed $\hat{1}$ / $\hat{2}$ -SiAlON powders via salt-assisted combustion synthesis. Journal of Alloys and Compounds, 2014, 604, 260-265.	5.5	14
10	Reaction characteristics of combustion synthesis of $\hat{2}$ -SiAlON using different additives. Chemical Engineering Journal, 2014, 241, 235-242.	12.7	14
11	Morphology control of $\hat{2}$ -SiAlON via salt-assisted combustion synthesis. Ceramics International, 2014, 40, 1815-1820.	4.8	16
12	Salt-assisted combustion synthesis of $\hat{2}$ -SiAlON fine powders. Intermetallics, 2013, 35, 53-59.	3.9	22
13	Solution combustion synthesis of LaMO3 (M=Fe, Co, Mn) perovskite nanoparticles and the measurement of their electrocatalytic properties for air cathode. International Journal of Hydrogen Energy, 2013, 38, 13238-13248.	7.1	104
14	Combustion synthesis of high-purity $\hat{2}$ -SiAlON fine powders using natural kaolin. AICHE Journal, 2013, 59, 19-22.	3.6	3
15	Industrial production of MgH2 and its application. Journal of Alloys and Compounds, 2011, 509, S650-S653.	5.5	33
16	Surface analysis of the injection molded magnesium alloy using GD-OES. Surface and Coatings Technology, 2003, 169-170, 307-310.	4.8	3
17	Electrochemical Corrosion Studies of Thixomolded AZ91D Alloy in Sodium Chloride Solution. Materials Science Forum, 2003, 419-422, 845-850.	0.3	5
18	Characterization and performance of laser melted AZ91D and AM60B. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 299, 38-45.	5.6	99

#	ARTICLE	IF	CITATIONS
19	Improving Corrosion Resistance of AZ91D Magnesium Alloy by Nitrogen Ion Implantation. Corrosion, 1996, 52, 921-926.	1.1	59
20	Magnesium castings for automotive applications. Jom, 1995, 47, 28-31.	1.9	72