

Hiroaki Yamamoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/191749/publications.pdf>

Version: 2024-02-01

27
papers

162
citations

1163117

8
h-index

1199594

12
g-index

27
all docs

27
docs citations

27
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of Fe-Al Binary Thermoelectric Conversion Films by Electrodeposition in AlCl ₃ -NaCl-KCl-FeCl ₂ Quaternary Molten Salts. Journal of the Electrochemical Society, 2021, 168, 012503.	2.9	3
2	Composition-Oxygen Partial Pressure Diagram of the Cr-B-O Ternary System Based on the Standard Gibbs Energies of Formation of CrB ₄ , CrB ₂ , Cr ₃ B ₄ , Cr ₅ B ₃ and CrBO ₃ Determined by Solid Electrolyte. Materials Transactions, 2021, 62, 821-828.	1.2	1
3	Determination of Gibbs Energies of Formation of Cr ₃ B ₄ , CrB ₂ , and CrBO ₃ by Electromotive Force Measurement Using Solid Electrolyte. Materials Transactions, 2020, 61, 2357-2362.	1.2	3
4	Hydrogen Generation from Ammonia Borane over Ru/Nanoporous CeO ₂ Catalysts Prepared from Amorphous Alloys. Materials Transactions, 2019, 60, 845-848.	1.2	12
5	Thermodynamic Properties for Nd ₂ (MoO ₄) ₃ Formed in the Nuclear Fuel Waste Glasses. Materials Transactions, 2019, 60, 111-120.	1.2	5
6	Preparation of Nanoporous CeO ₂ Catalyst Supports by Chemical Treatment of Amorphous Alloys and Investigation of Ni/CeO ₂ Catalytic Activity. Materials Transactions, 2019, 60, 1964-1967.	1.2	5
7	Thermodynamic properties of cerium molybdate. International Journal of Materials Research, 2019, 110, 715-725.	0.3	0
8	Thermodynamic properties for Sm ₂ (MoO ₄) ₃ determined by calorimetric measurement and re-evaluation of heat capacities for elemental molybdenum: standard entropy, N ^o el temperature, solubility product. Monatshefte für Chemie, 2018, 149, 341-356.	1.8	7
9	Determination of Gibbs Energy of Mixing of Tungsten-Boron Binary System by Electromotive Force Measurement Using Solid Electrolyte. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2017, 48, 1703-1714.	2.1	4
10	Third Law Entropy of Silver Molybdate. Materials Transactions, 2017, 58, 868-872.	1.2	11
11	Thermodynamic Properties for Nd ₂ (MoO ₄) ₃ Formed in the Nuclear Fuel Waste Glasses. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2017, 81, 485-493.	0.4	4
12	Preparation of Cobalt-Antimony Thermoelectric Film using Pulse Electrolysis in Ethylene Glycol-CoCl ₂ -SbCl ₃ Non-Aqueous Solution. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2016, 67, 40-45.	0.2	2
13	Thermoelectric Conversion Films of Fe-Al Binary System prepared by Electrodeposition in AlCl ₃ -NaCl-KCl-FeCl ₂ Quaternary Molten Salts. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2015, 66, 521-526.	0.2	1
14	Determination of Gibbs Energy of Formation of Molybdenum-Boron Binary System by Electromotive Force Measurement Using Solid Electrolyte. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2011, 42, 114-120.	2.1	5
15	Standard Gibbs Energy of Formation of Mg ₃ La Determined by Solution Calorimetry and Heat Capacity Measurement from Near Absolute Zero Kelvin. Materials Transactions, 2007, 48, 2159-2164.	1.2	13
16	Thermodynamic Properties of AlNd Determined by Low Temperature Heat Capacity Measurements. Materials Transactions, 2007, 48, 1961-1964.	1.2	0
17	Heat Capacity of La ₂ Sr ₃ FeO ₁₃ from 2 K to 1340 K. Materials Transactions, 2007, 48, 3109-3117.	0.2	0
18	Corrosion Resistance of Zn-Mg Alloy Plating Prepared by Electrodeposition from EMIB Based Ionic Liquid. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2006, 57, 84-84.	0.2	5

#	ARTICLE	IF	CITATIONS
19	Preparation of White Heart Malleable Cast Iron in Na ₂ O-K ₂ O-SiO ₂ Oxide Molten Salt. Materials Transactions, 2006, 47, 1878-1881.	1.2	1
20	Preparation of White Heart Malleable Cast Iron in Na ₂ O-SiO ₂ Oxide Molten Salt. Materials Transactions, 2006, 47, 263-266.	1.2	2
21	Determination of Standard Gibbs Energy of Formation of Al ₂ Nd by Solution Calorimetry and Heat Capacity Measurement from Near Absolute Zero Kelvin. Materials Transactions, 2006, 47, 2044-2048.	1.2	4
22	Determination of gibbs energy of formation of Ni-B-O system by electromotive force measurement using solid electrolyte. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2006, 37, 607-613.	2.1	7
23	Zinc-Magnesium Alloy Electrodeposition from ZnBr ₂ -1-Ethyl-3-Methylimidazolium Bromide Molten Salts with Glycerin. Electrochemistry, 2004, 72, 618-623.	1.4	11
24	Electrodeposition of Zinc-Magnesium alloy from 1-Ethyl-3-Methylimidazolium Bromide Molten Salt. Electrochemistry, 2003, 71, 318-321.	1.4	14
25	Effect of Addition of Ethylene Glycol and Influence of Water Content on Electrodeposition of Zinc from 1-Ethyl-3-Methylimidazolium Bromide-Zinc Bromide Molten Salt. Electrochemistry, 2002, 70, 671-674.	1.4	12
26	Electrodeposition of Zinc from 1-Ethyl-3-Methylimidazolium Bromide-Zinc Bromide Molten Salts with Dihydric Alcohols. Electrochemistry, 2002, 70, 178-182.	1.4	17
27	Electrodeposition of Zn in Lewis Basic 1-Ethyl-3-Methylimidazolium Bromide-Zinc Bromide Molten Salt with Ethylene Glycol. Electrochemistry, 2002, 70, 863-868.	1.4	5