Hiroaki Yamamoto

List of Publications by Year
in descending order

27	162	1163117 8	1199594 12
papers	citations	h-index	g-index

27	27	27	77
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrodeposition of Zinc from l-Ethyl-3-Methylimidazolium Bromide-Zinc Bromide Molten Salts with Dihydric Alcohols. Electrochemistry, 2002, 70, 178-182.	1.4	17
2	Electrodeposition of Zinc-Magnesium alloy from 1-Ethyl-3-Methylimidazorium Bromide Molten Salt. Electrochemistry, 2003, 71, 318-321.	1.4	14
3	Standard Gibbs Energy of Formation of Mg₃La Determined by Solution Calorimetry and Heat Capacity Measurement from Near Absolute Zero Kelvin. Materials Transactions, 2007, 48, 2159-2164.	1.2	13
4	Effect of Addition of Ethylene Glycol and Influence of Water Content on Electrodeposition of Zinc from 1-Ethyl-3-Methylimidazorium Bromide-Zinc Bromide Molten Salt. Electrochemistry, 2002, 70, 671-674.	1.4	12
5	Hydrogen Generation from Ammonia Borane over Ru/Nanoporous CeO₂ Catalysts Prepared from Amorphous Alloys. Materials Transactions, 2019, 60, 845-848.	1.2	12
6	Third Law Entropy of Silver Molybdate. Materials Transactions, 2017, 58, 868-872.	1.2	11
7	Zinc-Magnesium Alloy Electrodeposition from ZnBr₂-1-Ethyl-3-Methylimidazolium Bromide Molten Salts with Glycerin. Electrochemistry, 2004, 72, 618-623.	1.4	11
8	Heat Capacity of La_{1−<I>X</I>}Sr<I>_X</I>FeO<SUB>3&minus from 2 K to 1340 K. Materials Transactions, 2007, 48, 3109-3117.		
9	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
10	Thermodynamic properties for Sm2(MoO4)3 determined by calorimetric measurement and re-evaluation of heat capacities for elemental molybdenum: standard entropy, NÃ©el temperature, solubility product. Monatshefte FÃ¼r Chemie, 2018, 149, 341-356.	1.8	7
11	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
12	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
13	Thermodynamic Properties for Nd₂(MoO₄)₃ Formed in the Nuclear Fuel Waste Glasses. Materials Transactions, 2019, 60, 111-120.	1.2	5
14	Preparation of Nanoporous CeO₂ Catalyst Supports by Chemical Treatment of Amorphous Alloys and Investigation of Ni/CeO₂ Catalytic Activity. Materials Transactions, 2019, 60, 1964-1967.	1.2	5
15	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
16	Determination of Standard Gibbs Energy of Formation of Al₂Nd by Solution Calorimetry and Heat Capacity Measurement from Near Absolute Zero Kelvin. Materials Transactions, 2006, 47, 2044-2048.	1.2	4
17	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
18	Thermodynamic Properties for Nd₂(MoO₄)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

#	Article	IF	Citations
19	Preparation of Feâ€“Al Binary Thermoelectric Conversion Films by Electrodeposition in AlCl3â€“NaClâ€“KClâ€“FeCl2 Quaternary Molten Salts. Journal of the Electrochemical Society, 2021, 168, 012503.	2.9	3
20	Determination of Gibbs Energies of Formation of Cr₃B₄, CrB₂, and CrB₄ by Electromotive Force Measurement Using Solid Electrolyte. Materials Transactions, 2020, 61, 2357-2362.	1.2	3
21	Preparation of White Heart Malleable Cast Iron in Na₂O–SiO₂ Oxide Molten Salt. Materials Transactions, 2006, 47, 263-266.	1.2	2
22	Preparation of Cobalt-Antimony Thermoelectric Film using Pulse Electrolysis in Ethylene Glycol-CoCl₂-SbCl₃ Non-Aqueous Solution. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2016, 67, 40-45.	0.2	2
23	Preparation of White Heart Malleable Cast Iron in Na₂O-K₂O-SiO₂ Oxide Molten Salt. Materials Transactions, 2006, 47, 1878-1881.	1.2	1
24	Thermoelectric Conversion Films of Fe-Al Binary System prepared by Electrodeposition in AlCl₃-NaCl-KCl-FeCl₂ Quaternary Molten Salts. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2015, 66, 521-526.	0.2	1
25	Compositionâ€“Oxygen Partial Pressure Diagram of the Crâ€“Bâ€“O Ternary System Based on the Standard Gibbs Energies of Formation of CrB₄, CrB₂, Cr₃B₄, Cr₅B₃ and CrBO₃ Determined by Solid Electrolyte. Materials Transactions, 2021, 62, 821-828.	1.2	1
26	Thermodynamic Properties of AlNd Determined by Low Temperature Heat Capacity Measurements. Materials Transactions, 2007, 48, 1961-1964.	1.2	0
27	Thermodynamic properties of cerium molybdate. International Journal of Materials Research, 2019, 110, 715-725.	0.3	0