

Guibao Qiu

List of Publications by Year in descending order

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623734

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41
all docs

41
docs citations

41
times ranked

575
citing authors

#	ARTICLE	IF	CITATIONS
1	Andradite titanium: Preparation, characterization and metallurgical performance. Journal of the American Ceramic Society, 2022, 105, 2209-2220.	3.8	3
2	Periodic DFT Study on the Adsorption and Deoxygenation Process of NH ₃ on V ₂ O ₅ (001) Surface. Jom, 2022, 74, 1870-1877.	1.9	3
3	Influence of TiO ₂ addition on the structure and metallurgical properties of coke. International Journal of Coal Preparation and Utilization, 2021, 41, 521-537.	2.1	10
4	Effect of Preformed Calcium Ferrite Addition on Sintering Behavior of Vanadium Titanium Magnetite Ore. Jom, 2021, 73, 316-325.	1.9	10
5	A Review on Recycling and Reutilization of Blast Furnace Dust as a Secondary Resource. Journal of Sustainable Metallurgy, 2021, 7, 340-357.	2.3	30
6	Influences of sintering temperature on pore morphology, porosity, and mechanical behavior of porous Ti. Materials Research Express, 2021, 8, 106519.	1.6	8
7	Experimental Study on the Preparation of Cementing Materials by Direct Reduction Coupling of a Hematite-Carbon Base. Metals, 2020, 10, 1086.	2.3	1
8	Coupled Preparation of Ferronickel and Cementitious Material from Laterite Nickel Ores. Materials, 2020, 13, 4992.	2.9	6
9	Slag-foaming phenomenon originating from reaction of titanium-bearing blast furnace slag: effects of TiO ₂ content and basicity. Canadian Metallurgical Quarterly, 2020, 59, 151-158.	1.2	10
10	Mechanical behaviors and porosity of porous Ti prepared with large-size acicular urea as spacer. SN Applied Sciences, 2019, 1, 1.	2.9	3
11	Adsorption and desorption behavior of anion-exchange resin towards SO ₄ ²⁻ in the desulphurization process using citric method. Adsorption, 2019, 25, 105-113.	3.0	1
12	Carbon-chain inserting effect on electronic behavior of single-walled carbon nanotubes: a density functional theory study. MRS Communications, 2018, 8, 189-193.	1.8	17
13	Drying kinetics of Philippine nickel laterite by microwave heating. Drying Technology, 2018, 36, 849-858.	3.1	10
14	Initial Reactions at the Electrodes of the FFC-Cambridge Process in Molten CaCl ₂ to Produce Ti. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2018, 49, 3403-3412.	2.1	10
15	Study on Mechanical Property of Porous Titanium by Adding Powder Carbon. , 2016, , 135-142.		0
16	Effect of Cr ₂ O ₃ Addition on Viscosity and Structure of Ti-bearing Blast Furnace Slag. ISIJ International, 2015, 55, 1367-1376.	1.4	60
17	Structure Analysis of CaO-SiO ₂ -Al ₂ O ₃ -TiO ₂ Slag by Molecular Dynamics Simulation and FT-IR Spectroscopy. ISIJ International, 2014, 54, 734-742.	1.4	46
18	Effect of Pre-wetting Treatment on the Granulation Behavior of Iron Ore Fines. ISIJ International, 2014, 54, 2721-2727.	1.4	18

#	ARTICLE	IF	CITATIONS
19	Reduction Behavior of Panzhihua Titanomagnetite Concentrates with Coal. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2013, 44, 252-260.	2.1	130
20	Dry Granulation of Molten Slag using a Rotating Multi- ϕ Nozzle Cup Atomizer and Characterization of Slag Particles. Steel Research International, 2013, 84, 852-862.	1.8	19
21	Enhancement Reduction of Panzhihua Ilmenite Concentrate with Coke and Conglomeration of Metal with Ferrosilicon. Steel Research International, 2013, 84, 892-899.	1.8	36
22	Carbothermic Reduction of Titanomagnetite Concentrates with Ferrosilicon Addition. ISIJ International, 2013, 53, 557-563.	1.4	49
23	Dephosphorization of Iron Ore Bearing High Phosphorous by Carbothermic Reduction Assisted with Microwave and Magnetic Separation. ISIJ International, 2012, 52, 1579-1584.	1.4	34
24	Viscosity Evolution of Blast Furnace Slag Bearing Titanium. , 2012, , 137-144.		0
25	Waste Heat Recovery from Blast Furnace Slag by Chemical Reactions. Jom, 2012, 64, 997-1001.	1.9	26
26	Behavior of Liquid Phase Formation during Iron Ores Sintering. ISIJ International, 2011, 51, 722-727.	1.4	63
27	A Novel Method for Quantifying the Composition of Mineralogical Phase in Iron Ore Sinter. ISIJ International, 2009, 49, 703-708.	1.4	7
28	Relationship between Texture Features and Mineralogy Phases in Iron Ore Sinter Based on Gray-level Co-occurrence Matrix. ISIJ International, 2009, 49, 709-718.	1.4	12
29	Processing and properties of porous titanium using space holder technique. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 506, 148-151.	5.6	191
30	Preparation and characterization of porous titanium using space-holder technique. Rare Metals, 2009, 28, 338-342.	7.1	22
31	Relationship between Mineragraphy Features of Sinter Ore and Its Gray Histogram. ISIJ International, 2008, 48, 186-193.	1.4	8
32	The Review of Microwave Applications in Metallurgical Process in China. ISIJ International, 2007, 47, 528-532.	1.4	13
33	Effect of Microwave Treating the Blast Furnace Slag Bearing Titanium on Thermal Action. ISIJ International, 2007, 47, 1239-1244.	1.4	4