

METALLURGIA ITALIANA, Vol 61, No 5, 1969, pp 195-200
HB 7912

High-Purity Stainless Steels, by G. Chaudron,
ITALIAN, per. Met. Ital., No 6, 1969,
pp 233-236.
BISI 8597

Mar 71

METALLURGIA ITALIANA, Vol. 81, No. 7, 1969, pp 295-304
NB 7978

METALLURGIA ITALIANA, Vol. 81, No. 7, 1969, p. 309
HB 7978

Requirements of an Atomic Absorption
Spectrophotometer for Metallurgical Analysis,
by P. L. Bertolaccini,
ITALIAN, per. Met. Ital., Vol 61, No 8,
1969, pp 396-403.
BISI 8364

Sci/Mat
Oct 70

Origin of Exogenous Inclusions in Steel Studied
by Means of Radioactive Tracers. Part 2, by
P. Lopi, L. Matteoli.
FELTIN, per, La Metallurgia Italiana, Vol 60,
No 9, 1968, pp 805-814.
HS 7695

sci/ materials
sept 69

392,950

Contribution to Ironmaking from Ores by Direct
Reduction Using Gases Resulting from the Con-
version of Methane by Carbon Dioxide, by
J. Tripes, O. Hatarascu.
ITALIAN, par, Mat Ital, Vol 60, No 9, 1968,
pp 815-821.
BISI 7491

Sci-Mat
Sep 70

The Metallurgical Problems of Precipitation Steels
in Tubes and Pipes, by F. Rinaldi, A. Pugno.
ITALIAN, per, Met Ital, Vol 60, Nov 1968, pp 919-930.
BISI 7563

Sci-Mat
May 70

The Influence of Carbon Content in an Iron
Ore Type-Mix on the Mechanical and Chemical
Properties of the Sinter Produced, by
M. Conti,
ITALIAN, per. Met. Ital., Vol 61, No 1,
1969, pp 3-7.
BISI 8219

Sci/Mat
Sep 70

Temper Brittleness in Carbon Steels, by
W. Nicodemi,
ITALIAN, per, Met Ital, Vol 61, No 1, 1969,
pp 8-16,
BISI 7562

Sci-Mat
June 70

The Influence of Oxygen on Surface Blowholes in
Mechanically Capped Laminated Steels, by
F. Fratini, et al.

ITALIAN, per, Mt. Ital, Vol 61, No 1, 1969,
pp 17-

*BTBI 7651

sci/ materials
oct 69

Influence of Electro-Slag Remelting of Steel on
Some Important Properties and the Oxygen Content,
by P. Ravizza, A. Masi.
ITALIAN, per, La Metallurgia Italiana, Vol 61,
No 4, 1969, pp 162-166.
HB 8107

sci/materials
feb 70

402,732

Factors Governing the Quality of Austenitic
Stainless Steel Tubes, by F. Citterio,
A. Myallonnier.
ITALIAN, per, La Metallurgia Italiana, Vol 61, No 5,
No 5, 1969, pp 195-200.
IB 7912

sci/ materials
dec 69

398,628

High-Purity Stainless Steels, by C. Chaudron.
ITALIAN, per, Mat Ital, No 6, 1969, pp 233-236.
*BISI 8597

Sci-Mat
Sep 70

The Manufacture of Silicon Steel for Electrical
Sheet in the LD Converter, by J. Oggero, et al.
ITALIAN, per, Met Ital, Vol 61, No 6, 1969,
pp 246-250.
BISI 7932

Sci-Mat
June 70

The Formation of Metallic Structures by the Plastic
Deformation of Powders, by G. Bossi and A. Parin,
ITALIAN, per. Met. Ital., Vol 61, June 1969, pp 26--
pp 260-266.
BIBI 8375

Sci/Mat

Aug 70

Use of Direct Rolling in Fiber Metallurgy,
by I. Crivelli Visconti,
ITALIAN, per. Met. Ital., Vol 61, No 11, 1969,
pp 550-555.
HB 8134

Sci/Mat
May 70

Some Characteristics of the Sound Emission
During Fatigue Tests with a High-Frequency
Pulser, by G. Belisario and S. Capuano, 10 pp
ITALIAN, per. La Metallurgia Italiana, Vol 62,
No 1, 1970, pp 11-16.
HB 8368

AEC/RFP-TR-127-73

Jun 71

M. Morando

Hot Rolling Mill For Precision Tubes.
ITALIAN, per, Metallurgia Italiana, Vol 62,
1970, pp 207-216
NTC 72-60350-13H

sept 72

Theory of Stress Corrosion and Hydrogen Embrittlement,
by G. Bollandi,
ITALIAN, per, Met Ital, No 6, 1970, pp 218-221.
BISI 9276

Nov 71

AEC (RFP-Trans-100) ATTEMPT TO EXPLAIN THE DIS-
APPEARANCE OF THE CUBICAL RECRYSTALLIZATION STRUC-
TURE IN LAMINATED COPPER AFTER SMALL ADDITIONS OF
EXTRANEIOUS ELEMENTS. ⁶van Wely, F. E.; Burgers, W. G.
¹⁰Translated for Dow Chemical Co., Rocky Flats Div., from ¹²Met.
^{Ital.}; 62: No. 7, 255-60(1970). ²⁰14p. ²³(CONF-680995-1). ²⁴Dep.
NTIS.

²¹From Symposium on the influence on the properties of metals
with the addition of elements in limited quantities; Turin, Italy
(26 Sep 1968).

²⁴metallurgy; translations ²⁷11F

²⁸MN-26 ²⁹P NSA

Increasing Sintering Process Productivity by
Using Lime in Place of Limestone, by
M. Carignani,
ITALIAN, per. Met Ital., Vol 62, No 8, 1970,
p 307-.
BISI 9506

Jan 72

Corrosion of Refractories Due to an Excess of
Slag, by G. Aliprandi,
ITALIAN, per. Met Ital., Vol 62, No 8, 1970,
pp 317-.
BISI 9507

Nov 71

Continuous Casting of Plate Slabs, by
G. E. Falck, and D. A. Weber,
ITALIAN, per. La Metallurgia Italiana, Vol 62,
No 10, 1970, pp 375-380.
HB 8405

Sep 71

W. di. Marco

The Effect of γ C on the Recrystallisation of
Mild Steel Annealed in a Continuous Furnace.
ITALIAN, per, Metallurgia Italiana, Vol 62,
No 10, 1970, pp 401-404

NIC 72-60328-11F

BISI 10768

sept 72

N. Guglielmi

Ni-TiO₂ Co-Deposited Coatings.
ITALIAN, per, Metallurgia Italiana, Vol 62,
No 11, 1970, pp 420-424
NTC 72-13206-11F

sept 72

Examination of Some Types of Steel Produced by
Continuous Casting, by A. Bargone and
G. Libondi,
ITALIAN, per. La Metallurgia Italiana,
Vol 62, No 11, 1970, pp 434-442.
HB 8406

Sep 70

Experience in Europe on the Automation of
Hot Reversing Mills, by G. Petrillo,
ITALIAN, per. Met. Ital., Vol 12, 1970,
pp 455-460.
BISI 9630

Mar 72

Wear Resistance of Sulfurized Steel Surfaces,
by G. Sacchi,
ITALIAN, per. La Metallurgia Italiana, Vol 63,
No 1, 1971, pp 37-41.
HB 8566

Mar 72

A. Antonfili

The Potential Role of Nuclear Energy in the
Development of Conventional Iron Making.
ITALIAN, per, Metallurgia Italiana, Vol 63,
No 2, 1971, pp 49-60
NTC 72-60332-11F
BISI 9718

sept 72

Joints in the Solid State. Application of Stainless Steel Components, by G. Ceccotti, ITALIAN, per. La Metallurgia Italiana, Vol 63, No 4, 1971, pp 153-158.
HB 8708

Mar 72

Effect of Columbium Upon Medium and High Carbon
Steels, by A. Piaggio,
ITALIAN, per. La Metallurgia Italiana, Vol 63,
No 4, 1971, pp 159-165.
HB 8543

Mar 72

G. Bianchi

G. P. Andreini

The determination of sulphur using emission spectrometry
ITALIAN, per, Met. Ital., Vol 63, No 5, 1971, pp 233-238
BISI 9578

NTC 72-60773-11F

may 72

C. Diccio

Control of Operations in Soaking Pits with Special
Reference to Time Estimates.

MET. ITAL, 1971, pp 597-640.

*BISI 10934

Feb 73

Suppe, U.
Computer Application in Calculation Concerning
Roll Passes.
MET. ITAL., Vol. 27, No. 2, 1972, pp 41-50.
*BISI 10855
Feb 73

Portuguese
Metal Portuguese

Development of the Microstructure of Nickel 200
During Hot Plastic Deformation, by R. E. Reed-Hill,
C. R. Smeal, 19 pp.
PORTUGUESE, per, Metalurgia, Vol 23, 1967,
pp 419-427.
AEC/ORNL/Tr-2011-68

Sci/Materials
Feb 69

374,245

Electrical and Metallurgical Reasons for Some
Charges Employed in Electrical Reduction Furnaces
Producing Ferre-Alloys, by E. Correa de Silveira,
PORTUGUESE, per. Metallurgia, Vol 25, No 3, 1969,
PP 167-179.
BISI 8045

Sci/Mat
May 70

⁴(ORNL-tr-2456) ⁵STUDY OF THE REACTIVITY OF
⁶U₃O₈-Al DISPERSIONS. ⁷Gentile, Erberto Francisco; Cintra,
Sebastiao Hermanno Leite; Tracaneira, Roberto Barata. ¹⁰Trans-
lated by R. Gregg Mansfield (Oak Ridge National Lab., Tenn.),
from ¹⁵Metalurgia (Sao Paulo); 26: No. 149, 305-9(1970). ²⁰10p.
²³(CONF-690733-1). ²⁴Dep. NTIS.
²⁵From 24. annual congress of ABM, Sao Paulo, Brazil (Jul 1969).

²⁶meetings; metallurgy ²⁷11F

²⁸MN-25 ²⁹P NSA

REVISED CARD

Metal Romania

Improvements in the Manufacturing Technology of
Ingot Moulds, by F. Schonberger & M. Marghescu.
RUMANIAN, per, Mat. (Bucharest), Vol 17, No 4,
1965, pp 184-188.
BISI 5868

Sci/Mat
June 68

358,481

On the Specific Consumption of Aluminum for the
Deoxidation of Steels Intended for Castings, by
L. Apa.
RUMANIAN, per, Metalurgia, Vol 17, No 8, 1965,
pp 406-410.
LIB 6737

Sci/Materials
Jan 67

317,944

The Efficiency of Self-Carbureting of
Natural Gas Flames in Open-Hearth
Furnaces, by D. Grecov, I. Iordache.
RUMANIAN, per, Met. (Bucharest), Vol 17,
No 8, 1965, pp 410-414.
BISI 6434

Sci-Mat
May 69

380,386

Composition of Wide Strip Rolling Mills of
Large Output, by A. Lederer.
RUMANIAN, per, Metallurgia, Vol 17, No 9,
1965, pp 403-491.
*BIBI 5189

Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Dec 66

Influence of the Degree of Unit Deformation on
the Inhomogeneity of Plastic Deformation During
Upsetting in Forging, by V. Popescu, 6 pp.
RUMANIAN, per. Metalurgia, No 9, 1965, pp 471-
474.
AIR/FTD/HT-23-621-67

Sci-Phys
Nov 68

368,152

The Composition of High Output Wide Sheet
Rolling Mills, by A. Lederer.
ROMANIAN, per, Metallurgia, Vol 17, Sep 1965,
pp 483-491.
BIBI 5189

319,893

Sci - Mechanical, Industrial
Civil, and Marine Engineering
Mar 67

Growth of Labor Productivity in the Ferrous
Metallurgy Industry, by D. Rebusapca, R.
Soare and I. Nitu, 10 pp.
ROMANIAN, per, Metalurgia, No 3, Mar 1966,
pp. 164-168.
JPRS 35824

EE-Romania
Soc
Jun 66

302,961

New Salt Baths for Low-Temperature Thermo-
chemical Treatment, by Gh. Sucevanu.
RUMANIAN, per, Metalurgia, Vol 17, June
1966, pp 325-329.
*IB 6944

Sci-Materials
Oct 66

Considerations Concerning the Hot Deformability
of Stainless Steels, by I. Dragan.
RUMANIAN, per, Metalurgia, Vol 18, No 1, 1966,
pp 5-8.
BISI 6628

Sci-Materials
Apr 69

377,-780
377,780

Automation and Intensification of Technological
Processes the Main Factor in the Rise in Labor
Productivity in the Iron and Steel Industry
1959-1964, by D. Rebusapca and M. Vasilache, 6 pp.
RUMANIAN, per, Metalurgia, Vol 18, No 4, Apr
1966, pp. 224-226.
JPRS 37610

EE-Romania
Econ
Oct 66

311,193

Researches Concerning the Use of Iron Sponge for
Steelmaking in Electric-Arc Furnace, by O. Hatarascu.
RUMANIAN, per, Met. (Bucharest), Vol 18, No 5,
1966, pp 253-257.
BISI 5871

Sci/Mat
June 68

358,482

New Salt Baths for Low-temperature Heat Treatment [of Steel], by Gh. Suceveanu, A.N. Minkevich.
RUMANIAN, per, Metalurgia, Vol 18, No 6, 1966,
pp 325-329.
HB 6944

Sci/Materials
Mar 67

318,626

Macroetching of Steel With Acid Mixtures, by
L. Birescu, et al.
RUMANIAN, por, Metallurgia, Vol 18, No 11, 1966,
pp 631-636.
IB 7112

Sci/Materials
Apr 67

322,501

Spectrographic Determination of Aluminium in
Plain Carbon Steels, by V. Raszillier.
RUMANIAN, per, Metallurgia, Vol 18, No 11, 1966,
pp 637.
HB 7113

Sci/Materials
Apr 67

322,502

Radiometric Device for Determination of the
Stockline in the Cupola, by Th. Dumitrescu, et al.
ROMANIAN, per, Metallurgia, Vol 18, No 12,
1966, pp 682-684.
HB 7111

Sci/Materials
Apr 67

322,500

Energy Theory of Internal Corrosion,
by D. Moraru.
RUMANIAN, per, Met. (Bucharest), Vol 7,
No 2, 1967. pp 47-51.
BISI 6093

Sci/Materials
Jan 69

353,176

Investigations Concerning the Physico-Chemical
Properties of Metallurgical Coke, by S. Foriss.
RUMANIAN, per, Metalurgia, Vol 19, No 3,
1967, pp 125-129.
HISI 6489

Sci/Mat
Nov 68

370,111

Reduction of Iron Ores in a Shaft Furnace by
Means of Recycled and Regenerated Gases, by I.
Tripsa and O. Hatarascu.
RUMANIAN, per. Metallurgia, Vol 19, No 3, 1967,
pp 130-131.
HB 7353

Sci-Mat
Apr 68

352,200

Review of Developed and Undeveloped Iron Ore
Deposits, by N. Zavoianu, 9 pp.
RUMANIAN, per, Metalurgia, Vol 19, No 8, Aug
1967, pp ~~444-448~~.
JPRS 43300

EE-Rumania
Econ
Dec 67

346,684

Inoculation of Cast Irons with Liquid Steel,
by J. Jaičlovský.
RUMANIAN, per. Metallurgia, Vol 19, No 9, 1967.
pp 509-512.
HB 7394

Sci-Mat
Apr 68

352,192

The Use of Mathematical Statistics for Complex Analysis of Some Factors Affecting the Coke Rate in Blast Furnace, by V. David, S. Popa.
RUMANIAN, per, Metalurgia, Vol 19, No 12, 1967, pp 670-676.
BISI 6468

Sci-Mat
Jan 69

370,767

Observations on the Use of Petroleum
Coke in Coking Loads, by S. Forizs.
ROMANIAN, per, Metalurgia. Bucuresti,
Vol 19, No 12, 1967, pp 677-679.
NTC 72-10577-21D

Apr 72

Control of Nitriding and Sulfurizing Processes
in Fused Salt Baths, by Gh. Suceveanu.
ROMANIAN, per, Metalurgia, Vol 20, No 5, 1968,
pp 268-272.
HB 7714

Sci/Mat
Nov 70

Studies of the Production of Pre-Reduced Pellets,
by O. Hatarascu and Gh. Atanasiu.
ROMANIAN, per, Metallurgia, Vol 20, No 8, 1968,
pp 454-457.
HB 7621

Sci/Mat
Nov 70

On the Manufacture of Steelplant Ingot
Molds of Spherical Graphite Cast Iron,
by C. Cosmeanu.
RUMANIAN, per, Metalurgia, Vol 20, No 9,
1968, pp 527-532.
HB 7691

Sci-Mat
June 69

383,282

Development of Iron, Steel Industry Discussed,
5 pp.
RUMANIAN, per, Metalurgia, Bucharest, Vol 21,
No 8, Aug 1969, pp 363-365.
JPRS 49401

Sci-Mech, Ind, Civ & Mar Engr
Dec 69

396,644

Achievements, Prospects of Metallurgical
Research Given, by I. Dragan, 7 pp.
RUMANIAN, per, Metalurgia, Bucharest, Vol 21,
No 8, Aug 1969, pp 366-369.
JPRS 49401

Sci-Mat
Dec 69

396,645

Development of Iron, Steel Industry Studied,
by I. Prisecaru, 6 pp.
RUMANIAN, per, Metalurgia, Bucharest, Vol 21,
No 8, Aug 1969, pp 370-374.
JPRS 49401

EE-Rumania
Econ
Dec 69

396,646

Results, Prospects of Rolling Mill Planning
Given, by P. Wechsler, 16 pp.
RUMANIAN, per, Metalurgia, Bucharest, Vol 21,
No 8, Aug 1969, pp 375-386.
JPRS 49401

Sci-Mat
Dec 69

399,147

Results, Prospects of Coke Production Studied,
by I. Stefanescu, I. Barbu, 5 pp.
RUMANIAN, per, Metalurgia, Bucharest, Vol 21,
No 8, Aug 1969, pp 387-390.
JPRS 49401

Sci-Mat
Dec 69

399,149

Progress in Field of Cast Iron Production
Described, by C. Avram, D. Dobrovici, 8 pp.
RUMANIAN, par, Metalurgia, Bucharest, Vol 21,
No 8, Aug 1969, pp 391-394.
JPRS 49401

Sci-Mat
Dec 69

399,148

Development of Steel Production Discussed,
by G. Ilin, 6 pp.
RUMANIAN, per, Metalurgia, Bucharest, Vol 21,
No 8, Aug 1969, pp 395-397.
JPRS 49401

Sci-Mat
Dec 69

399,150

1944-1969 Production of Rolled Steel Given,
by I. G. Popa, 8 pp.
RUMANIAN, per, Metalurgia, Bucharest, Vol 21,
No 8, Aug 1969, pp 398-401.
JPRS 49401

Sci-Mat
Dec 69

399,151

1950-1969 Production of Steel Pipe Described,
by I. Moldovan, A. Caciua, 6 pp.
RUMANIAN, per, Metalurgia, Bucharest, Vol 21,
No 8, Aug 1969, pp 402-405.
JPRS 49401

Sci-Mat
Dec 69

399,152

Development of Metal Casting Traced, by
Cl. Stefanescu, 8 pp.
RUMANIAN, per, Metalurgia, Bucharest, Vol 21,
No 8, Aug 1969, pp 406-410.
JFRS 49401

Sci-Mat
Dec 69

399,153

Achievements, Prospects in Area of Refractory
Materials Given, by G. Gheorghiu,
L. Sorocopud, 6 pp.
RUMANIAN, per. Metalurgia, Bucharest, Vol 21,
No 8, Aug 1969, pp 417-420.
JPRS 49401

Sci-Mat
Dec 69

200 121

Equipment for Fluid Moulding Mixture Preparation and its Utilization in Ingot Mould Manufacturing, by C. Cosneanu, ROMANIAN, per. Metalurgia, Vol 21, No 9, 1969, pp 447-450.
BISI 9269

Nov 71

Present Day Processes for Manufacturing Iron
Powder by the Direct Reduction Method, by
O. Hatarascu and E. Stoicovici,
ROMANIAN, per. Metalurgia, Vol 21, Oct., 1969,
pp 530-534.
BISI 8971

Jun 71

Heat Treatment of High Strength, Weldable, Heavy
Steel Plates (1), by A. Lederer,
ROMANIAN, per. Metalurgia, Dec., 1969, pp636-643.
BISI 9084

June 71

Etching Method for Austenitic Grains (Outlining
Method), by B. Rusu,
ROMANIAN, per. Metalurgia, No 1, Vol 22, 1970,
pp 11-13.
ISI 8886

Jun 71

Radiometric Method Possibilities Regarding
Origin and Distribution of Non-Metallic
Inclusions in Ingot Moulds, by
T. Dumitrescu,
ROMANIAN, par. Metalurgia, Vol 22, No 1,
1970, pp 14-17.
BISI 8883

Sci/Mat
Feb 71

Considerations Regarding Manufacturing Utility
of Nodular Cast-Iron Ingot Moulds, by
C. Cosneanu,
ROMANIAN, per. Metalurgia, Vol 22, No 2, 1970,
pp 85-90.
BISI 8894

Jun 71

Indonesian Operations During Yasser Arafat's Visit to
Beirut, by L. M. ...
MUSKIE, ... Indonesia, Vol. 22, No. 1, 1970,
pp. 207-211,
SUZUKI 8896

not/mst
Jan 71

Studies Regarding Crust Formation in the Blast Furnaces of Steel Plant-Resista, by A. Dijnareșcu, ROMANIAN, per. Metallurgia, Vol. 22, No 5, 1970, pp 273-281.
BISI 8907

June 71

Studies Regarding Manufacturing Operations of
Cold Rolled Sheet by Electro-Method, by
V. Brudskaya, et al.
METALLURGI, Moscow, U.S.S.R., Vol 22, No 5, 1970,
pp 308-312.
INDEX 8895

sol/mst
Jan 71

Reduction of Iron Sulphide with Methane,
by M. Ienciu,
ROMANIAN, per. Metalurgia, No 6, 1970, pp 354-
359.
BISI 8843

June 71

Wire Mill No. 3 in Industria Sirmei Plant -
Cimpia Turzii, by E. Nita.
ROMANIAN, per. Metalurgia, No 6, 1970,
pp 360-364.
BISI 8844

Mar 72

Synthesis of Investigations Regarding Replacement of Metallurgical Coke by Other Fuels in Ore Agglomeration', by A. Useanu, ROMANIAN, per. Metalurgia, Vol 22, No 8, 1970, pp 476-479.
BISI 9024

June 71

Contributions to the Optimum Conditions for
Achieving Reduction of Metal Losses in L.D.
Converters, by C. Tarpan,
ROMANIAN, per. Metalurgia, No 8, 1970,
pp 480-483.
BISI 9025

Aug 71

Considerations Regarding the Characteristics
of Seamless Steel Pipes for the Petroleum
Industry, by H. Voinescu,
ROMANIAN, per. Metallurgia, No 8, 1970,
pp 496-500.
BISI 9026

Aug 71

Researches Concerning the Possibilities of Reducing
Specific Coke Consumption in Blast Furnaces by
Injecting Auxiliary Fuels, by C. Avram.
ROMANIAN, per, Metallurgia, Vol 22, No 9, 1970, pp
546-550.
BISI 9209

Nov 71