

The Facts of Organic Mercury Poisoning
at the Embryonic and Fetal Stages,
by U. Murakami.
JAPANESE, per, Nippon Ishikai Zasshi,
Vol 61, 1969, pp 1059-1072
NTC 72-11309-06T

June 72

ACC-4(LE-tr-72) SOME FINDINGS ON PULMONARY SUR-
FACTANT BY BIOCHEMICAL STUDY. Fujiwara, Teturo.
Translated by Yoshio Kobayashi (Lovelace Foundation for Medi-
cal Education and Research, Albuquerque, N. Mex.), from Nippon
Ishikai Zasshi; 66: 1-15 (1971). 2035p. 24Dep. NTIS.

28biomed; translations 2706

28MN-48 29P NSA

Evoked Response to Acoustic Stimuli by the
Fetus, by N. Sakabe.
JAPANESE, per, Nihon Jibi Inkkoka Gakkai Kaiho,
Vol 72, 1969, pp 752-758.
71-16004-06E

Jan 72

T. Takekoshi

Research on Sugar Absorption and the Genesis
of Angiopathy.

JAPANESE, per, Nihon Junkankigakushi, Vol 34, 1970,
pp 959-969.

NTC 72-13672-06P

Nov 72

Sakurda, I.

Graft Polymerization of Acrylonitrile Toward
Polyvinyl Chloride Fiber.

NIPPON KAGAKU SEN-I KENKYUSHO KOEN SHU, Vol 26,
pp 1-12, 1969.

NTC-72-15029-11E

Feb 73

NIHON KAGAKU ZASSHI

JOURNAL SOC CHEM JAPAN, PURE CHEM SEC (NIPPON AND
NIHON ARE THE SAME.) . SOME CARDS ARE JUST JOUR SOC
CHEM JAPAN OR NIHON KAGAKU ZASSHI

THESE HAVE TO BE SEPARATED BY VOLUMES.

Theoretical Considerations on the Contributions
of Chemical Reactions to the Separation Factor
of Isotopes, by Hidesake KAKIHARA, Kiniko
KURISU, 15 pp.
JAPANESE, per, Nihon Kagaku Zasshi, Vol 86,
No 2, 1965, pp 151-157. P91128567
ABC REF Tr-77

331,156

Sci - Chemistry
Jul 67 EJK

Field Emission Microscopy of Alkali
Halides on Tungsten. I. Field
Emission Microscopy of Cesium
Chloride on Tungsten, by H. Utsugi,
et al.
JAPANESE, per. Nippon Kagaku Zasshi, V
Vol LXXXVI, 1965, pp 784-790.
NASA TT F-10,178

U. S GOVERNMENT USE ONLY

Sci-Chem

Jul 66#

306,561

Degree of Graphitization of Carbons as
Estimated from the Intensity of X-Ray
Diffraction (Especially from 002 Planes),
by S. Shishido, H. Horma.
JAPANESE, per, Nihon Kagaku Zasshi,
Vol 86, 1965, pp 798-807.
ATS-23T90J

332, 216

Sci 67

Dissociation Pressure of Zinc Oxide.
Part II, by L. Kusunoki, S. Shimizu,
K. Kodaera.

JAPANESE, per, Nippon Kagaku Zashi,
Vol 86, No 8, 1965, pp. 814-7.

NTC 69-10644

Sci-Chem
July 69

386,719

Ion Adsorption Characteristics of Insoluble
Hydroxides or Hydrated Oxides Containing Di-
and Tri-Valent Metal Atoms, by M. Abe and
T. Ito.

JAPANESE, per, Nippon Kagaku Zasshi, Vol 86,
1965, pp 817-823.
NTC 71-13813-07D

Feb 22

Isomerization and Decomposition of Ethylene
Oxide Using Silver Catalysts, by Y. Ide et al.
JAPANESE, per, Nippon Kagaku Zasshi,
Vol LXXXVI, No 12, 1965, pp 1249-1253.
Chem Trans Sv No 2683

2643

Sci-Chem
mar 67

322,162

R-6668-D

18 Feb 66

Gaschromatographic Determination of Scandium as Acetyl-
acetate and Trifluoroacetylacetate

By: Toshiro FUJIMURA, et al

From: NIPPON KAGAKU ZASSHI 86, 1965 :1294-1299

(6 pp)

Japanese - sent for wds:

Translate and type 1 original and 1 carbon copy.

Reproduce for paste-up. Do not mutilate document.

K. Anomata
Kanomata

Pyrolysis Gas Chromatography of Amino Acids and
Proteins.

JAPANESE, per, Nippon Kagaku Zasshi, Vol 87, 1966,
pp 57-62.

NASA TT F 14,483

Oct 72

Effect of Dry Grinding on Some Long-Chain
Polyphosphates, by I. Motooka,
G. Hashizume.

JAPANESE, per, Nippon Kagaku Zasshi, Vol
87, No 9, 1966, pp 953-959.

NTC 69-11355-07B

Sci-Chem
July 69

387,011

Spectrophotometric Determination of Platinum
(IV) by Solvent Extraction with 1,10-
Phenanthroline-Iron (II) Chelate, by
Y. Yamamoto.
JAPANESE, per, Nippon Kagaku Zasshi, Vol 68,
No 7, 1967, pp 745-749.
*NADA TT F-11,380

Sci-Chem
Jan 68

Study of Functional Groups on the Surface of
Carbon Blacks. Part 3. Determination of the
Surface Functional Groups of Carbon Blacks,
by S. Suzuki, K. Miyazaki.
JAPANESE, per, Nippon Kagaku Zasshi, Vol 70,
No 3, 1967, pp 299-304.
ATB-JS-209

Sci-Chem
Mar 70

403,879

71 C-4 (UCRL-Trans-10640) 5 GAS COULOMETRY. 6 Tanaka,
Y.; Mito, G. 10 Translated for Univ. of California, Lawrence
Livermore Lab., from 18 Nippon Kagaku Zasshi; 88: No. 1, 107-9
(1967). 20 5p. 24 Dep. NTIS.

28 chemistry (physical); translations 27 07D

28 MN-4 29 P NSA

Reactions Between Cyanocobalt (II) Complex and
α-Amino Acids, by Tetsumi Suzuki & Takao Kwan.
JAPANESE, por, Nippon Kagaku Zasshi, Vol 88,
No 4, 1967, pp 395-400. P911081768-V
AEC-ENR-Tr-183

Sci/Chem
Apr 68

351,296

6166 (UCRL-Trans-1452) SYNTHESSES OF ISOCINCHOME-
RONIC ACID MONOESTERS. 6Ishigawa, Kekuzo; Kawai, Masami-
chi; Fushizaki, Yasaburo. 10Translated for Univ. of California,
Lawrence Radiation Lab., Berkeley, from 15Nippon Kagaku Zasshi;
88: 553-6(1967). 2017p. 23Dep. NTIS.

X-7477

26chemistry (organic); translations 2707C

28MN-4 29P NSA

Organic Synthesis With Noble Metallic
Compounds, by J. Tsuki
JAPANESE, per, Nippon Kagaku Zasshi,
Vol 38, 1967, pp 687-706.
NTC 72-10398-07C

Apr 72

Spectrophotometric Determination of Minute
Quantities of Iodide and Bromide, by
T. Okutani.

JAPANESE, per, Nippon Kagaku Zasshi, Vol 88,
No 7, 1967, pp 737-741.

*NASA TT F-11,379

Sci-Chem
Jan 68

Spectrophotometric Determination of Boron in
Rocks by Extraction of Methylene Blue Tetra-
fluoroborate Complex, by A. Isozaki,
S. Utsuni.
JAPANESE, per, Nippon Kagaku Zasshi, Vol 88,
No 7, 1967, pp 741-744.
*NASA TT P-11,381

Sci-Ear Sci
Jan 68

J. C. C. (RFP-Trans-83) RAPID DETERMINATION OF
BORON IN GLASS BY PROMPT gamma-RAY MEASUREMENT.
Kusaka, Y.; Tsuji, H.; Egawa, M. Translated for Dow Chemical
Co., Rocky Flats Div., from Nippon Kagaku Zasshi; 88: No. 9,
1006-8(1967). 8p. Dep. NTIS.

chemistry (analytical); translations 07

MN-4 P. NSA

REVISED CARD

Ion-Exchange and Isotope-effect of Lithium Ions
in Formamide, by Yoshihiro Mori, 10 pp.

JAPANESE, per, Nippon Kagaku Zasshi, Vol 88,
Oct 1967, pp 1053-1056.

AEC/NSJ-Tr-147

Sci/Phy
Mar 70

402,642

Properties of Macroreticular Ion-Exchange Resins,
by T. Yamabe, K. Yamagata, 22 pp.
JAPANESE, per, Nippon Kagaku Zasshi, Vol 89,
1968, pp 151-155.
AEC/UCRL-Tr-10411-69

Sci/Chem
Feb 70

400,246

Study on the Behavior of Sulfur Between H_2S and ZnS by
an Isotopic Exchange Method., by M. Sakaguchi.
JAPANESE, per, Nippon Kagaku Zasshi, No 89, 1968,
pp 248-252.
*NTIS TT 72-53144

Aug 72

Behavior of Antennae During ZnS Firing, by
M. Sakaguchi.

JAPANESE, per, Nippon Kagaku Zasshi, No 89,
1968, pp 253-257.

*NBS TT 70-57157

Available NBS Only

Sci/Phys
Sept 70

Sintering Reactions of Zinc Sulfide, by M. Sakaguchi.
JAPANESE, per, Nippon Kagaku Zasshi, No 89, 1968,
pp 258-262.
*NTIS TT 72-53143.

Aug 72

DEC. 4 (ORNL-tr-2512) 5 ISOTOPE EFFECT AND ISOTOPE
SEPARATION, 6 Kakihana, Hidetake, 10 Translated for Oak Ridge
National Lab., Tenn., from 15 Nippon Kagaku Zasshi; 89; 743-5
(1968). 20 37p. 24 Dep. NTIS.

25

26 isotopes; translations 27 18B

28 MN-22 29 P NSA

Synthesis of Imidazole Compounds. Part I. A New
Process of Synthesizing 2-Substituted 2-Imidazole
Compounds Based on the Action of Sulfur in the
Form of a Simple Substance, and the Action of
Sulfur Itself, by H. Sawa.
JAPANESE, per, Nippon Kagaku Zasshi, Vol 89,
No 8, 1968, pp 780-784.
HTC-69-12876-07C

Sci-Chem
Sept 69

391,156

Measurement of the Rate Constants of Electrode
Reactions of Titanium (IV) in Various Supporting
Electrolyte Solutions, by K. Tanaka, 14 pp.
JAPANESE, per, Nippon Kagaku Zasshi, Vol 89,
No 11, 1968, pp 1060-1062.
AEC/UCRL-Tr-10491-70

Sci/Chem
Nov 70

Extraction by Solution-Light Absorption Quantification of Thorium (IV) Using Xylenol Orange, by Makoto Otomo, Yoshinobu Wakumatsu, 10 pp. JAPANESE, per, Nippon Kagaku Zasshi, Vol 89, No 11, 1968, pp 1087-1089.
AEC/UNWL-Tr-41-69

Sci/Chem
Nov 69

393,519

Infrared Spectra of Silicate Ions in
Aqueous Solutions, by I. Iwasaki.
JAPANESE, per, Nippon Kagaku Zasshi,
Vol 89, No 12, 1968, pp 1217-1220.
NTC 72-10815-07D

Apr 72

Oxidation of Phenothiazine and Related
Compounds With Concentrated Sulfuric
Acid, by Y. Tsujino.
JAPANESE, per, Nippon Kagaku Zasshi,
Vol 90, No 8, 1969, pp 809-814
NTC 72-12375-07C

July 72

Irie, Toshi

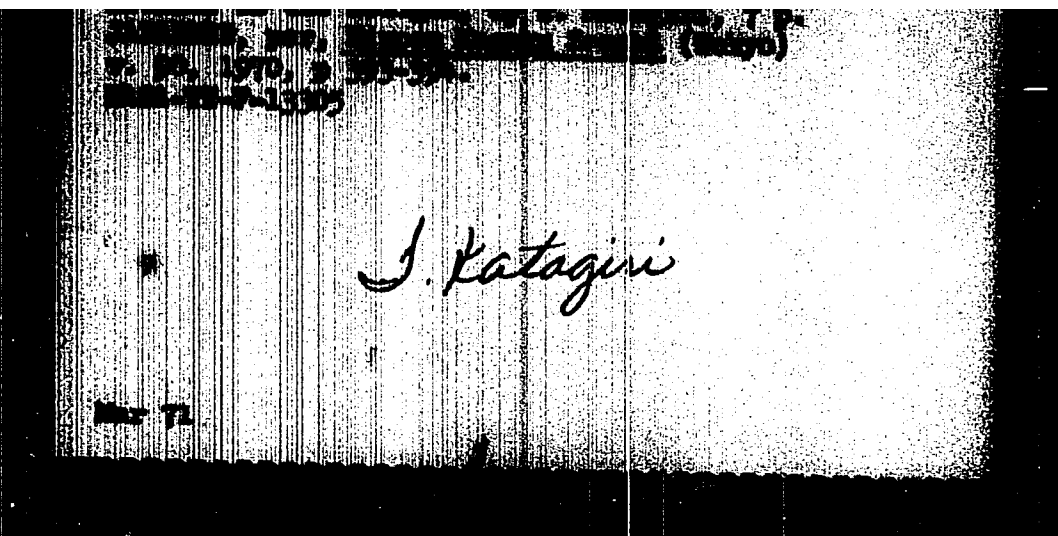
1969

Bromo compounds from marine algae (Kaiao no gan-shuso
yuki-kagobutsu)
Nippon Kagaku Zasshi (Journal of Chemical Society of Japan,
Pure Chemistry Section), 90: 1179-1195. In Japanese.

Transl. by Transl. Eur. Reg. Lang. Div., Dept. of Sec. of
State of Canada for ERDC Halifax Laboratory, Halifax, N.S.,
1970, as ERDC Transl. Series No. 1560, 47p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *11/6*



Decomposition of Diazoester in Polychloromethane,
by T. Migita, et al.
JAPANESE, per, Nihon Kagaku Zasshi, Vol 91,
No 4, 1970, pp 374-378;
NTC 71-14645-070

Feb 72

T. Katagiri

The Photo-Telomerization of Isoprene With Prenyl
Bromide as the Telogen.

JAPANESE, per, Nippon Kagaku Zasshi, Vol 91,
1970, pp 393-394.
NTC 72-13981-07C

Nov 72

Solubilization of Water in Benzene Solutions of
Halogenated Alkyl Dodecyldimethyl Ammonium and
Secondary Solubilization of Electrolytes, by
K. Kono.

JAPANESE, per, Nippon Kagaku Zasshi, Vol 91, No 7,
1970, pp 598-602.

NTC-71-11852-07D

Nov 71

M. Sato

Distribution of Deposits of Vanadium and
Nickel Inside Desulfurization Catalysts.
JAPANESE, per, Nippon Kagaku Zasshi, Vol 92,
1971, pp 834-835.
NTG 72-13925-07D

Nov 72

The Amount and Forms of Absorbed Hydrogen on
a Platinum Electrode, by M. Nakamura, 12 pp.
JAPANESE, per. Nippon Kagaku Zasshi, Vol 92,
No 11, Nov 1971, pp 938-941.
ACSI-K-3015
FSTC-HT-23-1506-72

May 72

Agency: USDA/ARS
P.O.No. 11-2496-ARS-79

R-15960-D
7 Feb. 1973

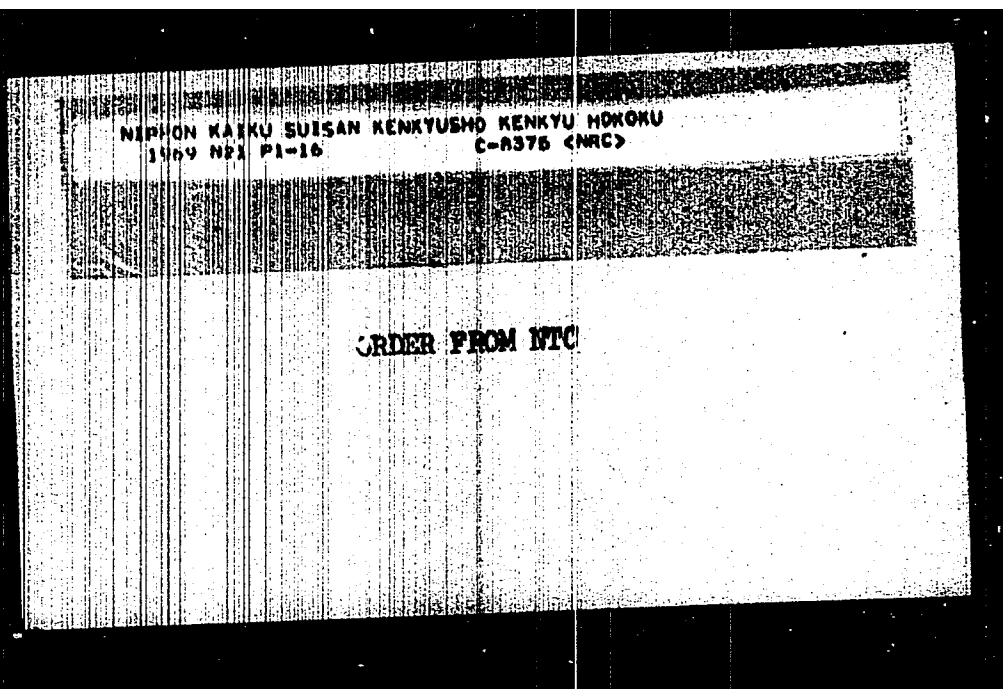
Title: Graft Copolymerization of Methyl Methacrylate into
Starch and Triethylamine Starch

Author: Toyonichi Nishimichi Keichi Ozaki

Source: Nippon Kagaku Kaishi, #9, 1972, pp1728-1734

Language: Japanese

Instructions: Type single space, no paste-up, leave
space, key & translate all captions.



CSO:254/70
30 July 69

His Return Home Confirmed This Morning: Mr
Sedov.

JAPANESE, np, Nihon Keizai, 15 May 1969, p 11.

Intellite Number One, 5 pp.
JAPANESE, np, Nihon Keizai Shinbun, 11 Oct
1965, p. 11.
JPRS 32632

FI-Japan
Sci-Aero
Nov 65

291,096

Impeding Birth of a Nuclear Fuel Industry,
6 pp.

GOVERNMENT USE ONLY

JAPANESE, np, Nihon Keizai Shinbun, 28 Feb
1966, p. 81.

JPRS GUO 1177

FE-Japan
Sci-NS/Tech
Jun 66

301,687

The Uchinoura Space Center, 8 pp.
GOVERNMENT USE ONLY
JAPANESE, np, Nihon Keizae Shinbun, 1 Mar
1966, p. 3.
JPRS CHO 1177

FE-Japan
Sci-Aero
Jun 66

301,688

The Third Defense Plan, 6 pp.
GOVERNMENT USE ONLY
JAPANESE, np, Nihon Keisei Shinbun, 12 Apr
1966, p. 12.
JPFS GUO 1191

FE-Japan
NII
Jun 66

301,545

Science and Technology, 8 pp.
GOVERNMENT USE ONLY
JAPANESE, np, Nihon Keizai Shimbun, 30 May
1966, p. 9.
JPRS GUD 2090

FE-Japan
Sci-Aero
Aug 66

308,058

The Uncertain State of Space Research in Japan,
8 pp.
GOVERNMENT USE ONLY
JAPANESE, np, Nihon Keizai Shinbun, 4 Apr 1967,
p. 12.
JPRS GUO 2397

FE-Japan
Sci-Space Tech
June 67

323,625

Japan Eagerly Greets the Jet Age, 5 pp.
GOVERNMENT USE ONLY
JAPANESE, newspaper, Nihon Kaizai Shinbun,
Tokyo, 25 Nov 67, p. 19.
JPRS GUD 2684

BR(Japan)
Economic
Jan 68

347,915

Assignment of Responsibility for New Space
Development Strengthened, 8 pp.
GOVERNMENT USE ONLY
JAPANESE, newspaper, Nihon Keizai Shinbun,
Tokyo, 25 Nov 67, p. 21.
JPRS GUO 2684

FE(Japan)
Economic
Jan 68

347,916

Domestic Production of Missiles -- First
Delivery Year After Next, 5 pp.
GOVERNMENT USE ONLY
JAPANESE, newspaper, Nihon Keizai Shinbun,
Tokyo, 14 Dec 67.
JPRS GUO 2683

Sci-Missile Technology
Jan 68

347,913

Development of Hinomaru Satellite, by
Tsutsumi Yoshitatsu, 11 pp.

GOVERNMENT USE ONLY

JAPANESE, per, Nihon Keizai Shimbun,
Tokyo, 9 Jan 68, pp 23.

JPRS GUD 2718

Sci-Space Technology
Feb 68

351,666

Japan Shooting for First Stationary Satellite.

5 pp.

GOVERNMENT USE ONLY

JAPANESE. np. Nihon Keizai Shimbun, Tokyo, 4

Sept 1968, p 21.

JPRS/L-2911

Sci-Space Tech

Dec 68

353,895

Information Policy on Science, Technology needed,
5 pp.

GOVERNMENT USE ONLY

JAPANESE, np, Nihon Keizai Shinbun, Tokyo, 30 Aug
1969, p 3.

JPRS/L 3166

Sci-Sci and Sci Organ
Nov 69

393,716

Japan Would Like to Pursue an Independent
Space Program, 33 pp.
GOVERNMENT USE ONLY
JAPANESE, np, Nihon Keizai Shinbun, Tokyo,
27 Oct 1969, p 3.
JPRS/L 3218

Sci-Space Tech
Jan 70

399,171

Demand for Nuclear Fuel Will Increase, 5 pp.

GOVERNMENT USE ONLY

JAPANESE, np. Nihon Keizai Shinbun, Tokyo, 3 Nov
1969, p 5.

JPRS/L 3261

Sci-Nucl Sci

Feb 70

400,677

Japan's Space Program Relies Heavily on American
Technology. 5 pp.

GOVERNMENT USE ONLY

JAPANESE, np. Nihon Keizai Shinbun, Tokyo, 4 Dec
1969, p 10.

JFRS/L 3250

Sci-Space Tech
Feb 70

400,766

Foreign Economic Development Center Tokyo Farm,
1000 1st Street, S.W.
Washington, D.C. 20540
15 Feb 1970. p 12.
JPRS/L 3319

Sci-Tech Sci & Tech
Apr 70

405,074

Japan Spelling by Tokyo before 1976, 6 pp.
Spelling by Tokyo
1976, pp. 10-11, Tokyo, Tokyo.
11 Jan 1976, p 10.
JMS/L 360

FE-Japan
Econ
Aug 70

Japanese Communist Party Industrial Siberia,
by Kiyoko Shimizu, 17 Nov
GOVERNMENT USE ONLY
JAPANESE CP: Siberia, Moscow, Tokyo, 28, 29,
30, 31 July: 1, 2 Aug 1970,
JPRS/1 1977

USSR
Econ
Nov 70

URGENT 1000 280000Z 28 JUL 70
FM TOKYO 280000Z 28 JUL 70
TO DIRECTOR 010 000000Z 28 JUL 70
SUBJECT: 1000 280000Z 28 JUL 70
1. 2 JUL 70
3 JUL 70

FM Japan
Rome
Oct 70

Brittle Fracture of Heavy Steel Sections, by B. Kato
and K. Morita,
JAPANESE, per. Nihon Kenchiku Gakkai Hokoushu, Vol 156,
1969, pp 1-10, Trans. Archit. Inst. Japan,
BISI 7379

June 71

Search Information of Foreign Military
Military by Foreign Source, by
Foreign Source,
Foreign Source, Foreign Source, Vol. 12,
No. 2, 1970, pp. 24-31.
1970.

2-1/2
2-1/2

NIPPON KETSUEKI GAKKAI ZASSHI

SFE

ACTA HAEMATOLOGICA GAKKAI ZASSHI

Aburahi, S.

Studies of Stratified Charge Two-Stroke Cycle
Gasoline Engines. Report No. III.

NIHON KIKAI GAKKAI KOEN RONBUNSHU, No 710-715,

pp 181-184, 1971.

NTC-72-14976-21G

Contact Area of Boiling Bubbles on the Heating
Surface, by I. Kinichi, Y. Toshi.
JAPANESE, per, Nihon Kikai Gakkai Rombunshu, Vol. 31,
No. 223, 1965, pp 440-449
GB 193

Sci -
Aug 67

337-214

Variation of Boiling Heat Transfer with Generations
of Bubbles, by K. Iorikai, I Jamazaki.

JAPANESE, per, Nihon Kikai Gakkai Pomibunshu, Vol. 31
No. 223, 1965, pp 450-457.
GB 193

Sci -
Aug 67

337-212

Spherical Bubble Collapse in Uniformly Subcooled
Liquid, by A. Munaru.

JAPANESE, per, Nihon Kikai Gakkaei Rombunshu, Vol. 31
No. 223, 1965, pp 458-469
GB 193

Sci -
Aug 67

337-215

2229

1 Feb 68

n.1) (continued) on forced convection heat transfer
 involving a curved tube by Masao Mori, Masahiro
 Hasegawa, & M. Research on film cooling by Taji-
 ka Ogata, Masao Mori, & M. Hasegawa, J. of
 Mechanical Engineering, Vol. 31, No. 233, Tokyo, Oct 1965,

Revised Type: 1. Translator's draft plus one
 inch, and graphics wherever possible, but do
 not mutilate orig. pp.-

Doc (pp)- Do not mark or mutilate

25

Y. Mori

Heat transfer by forced convection in curved pipes of square cross-section. Part 1: Theoretical analysis for laminar flow.

JAPANESE, Nihon Kikai Gakkai Ronbunshu, Vol 33, No 255, 1967, pp 1836-1846

C.E. Trans 5714

dec 72

Natural Convective Heat Transfer in
Vertical Parallel Fins of Rectangular
Profile. Report No I. Heat Transfer at
the Baseplate of a Vertical U-Surface,
by T. Aibara.
JAPANESE, per, Nihon Kikai Gakkai -Rombunshu,
Vol 34, 1968, pp 915-926.
NTC-71-11665-20M

Feb 72

Study on Slight Leakage From a Reactor
Containment Vessel. Report of the Sub-
Committee on Slight Leakage.
JAPANESE, per, Nippon Kikai Gakkai-shi,
Vol 68, No 560, 1965, pp 1321-1332.
NSJ Tr-87

324, 397

Sci - Nuclear Science
May 67

Studies on Safety Analysis for a Loss-of-Coolant
Accident in the Light-Water Power Reactor, by
Hideo Fujio, Atsuo Yamamotochi.
JAPANESE, per, Nippon Kikai Gakkaishi, Vol 09,
1966, pp 1069-1076.
*AEC JAERI

Sci-Nucl Sci
Jan 68

Study of Solidification and Segregation in
Alloys, by T. Takahashi, I. Nagiware.
JAPANESE, per, Nippon Kinzoku, Vol 29,
No 12, 1965, pp 1152-1159.
BISI 4859

319,911

Sci - Materials
Mar 67

The Effect of Alloying Elements on the Resistance
to Molten Lead Oxide of 20 Cr-14 Ni-Type Heat-
Resisting Steels, by K. Kusaka & K. Ikushima.
JAPANESE, per. Nippon Kinsoku, Vol 30, No 3,
1966, pp 226-230.
EISI 6169

Sci/Mat
June 68

359,345

The Effect of Aluminium on the Stress-Induced
Diffusion of Carbon Atoms in α -Iron, by
H. Notta, Y. Iwama.
JAPANESE, per, Nippon Kinzoku, Vol 30, No 4,
1966, pp 406-411.
BISI 6819

Sci-Mat
Apr 69

379,726

Reaction Kinetics in the Elast Furnace, by
I. Muchi.
JAPANESE, per, Nippon Kinsoku, Vol 30, No 9,
1966, pp 826-831.
BISI 6353

Sci/Mat
Nov 68

370,093

Analysis Based on Chemical Reaction Engineering
for the Upper Zone of Blast Furnaces Above
Tuyere Level, by I. Nishi, et al.
JAPANESE, per, Nippon Kinzoku, Vol 30, No 12,
1966, pp 1115-1120.
HISI 7444

sci/materialsf
feb 70

402,689

A Study of the Dependence of the Mechanical
Properties of Metals on Strain Rate. III - The
Effect of Strain Rate on the Plastic Shearing
Behaviour of a Mild Steel Hollow Cylinder, by
M. Ohmori, Y. Yoshinaga.

JAPANESE, per, Nippon Kinsoku, Vol 30, No 12,
1966, pp 1131-1137.

BISI 5875

NLL Ref: 9022.06 (5875)

Sci/Nat
Aug 68

361,382

The Effect of Small Nb Addition on the Re-
crystallization of Austenite After Hot Working,
by Y. Ohmori,
JAPANESE, per, Nippon Kinzoku, Vol 30, No 12,
1966, pp 1164-1167.
BISI 6065

Sci/Mat
May 68

356,655

Sintering of WC and WC +Co Powders Under High
Pressure, by K. Kusakawa, et al.
JAPANESE, per, Nippon Kinzoku, Vol 31, No 2,
pp 177-182.
*MB 7943

sci/ materials
nov 69

Fluorescent X-ray Analysis of Iron Ores,
Refractories and Slags - Errors in Determination
by I. Kawashima, et al.
JAPANESE, per, Nippon Kinzoku, Vol 31, No 3,
1967, pp 213-218.
*REF 7942

sci/ materials
nov 69

The Strengthening Mechanism of Steel as a Result
of Hot Working, by I. Gokyu & K. Hashimoto.
JAPANESE, par, Nippon Kinzoku, Vol 31, Apr 1967,
pp 352-356.
BISI 6211

Sci/Mat
May 68

356,643

The Origin of Ridging in 17% Stainless
Steel Hot Strips, by N. Ohoshi.
JAPANESE, per, Nippon Kinzoku, Vol 31,
April 1967, pp. 519-525.
*BISI 6111

Sci/Materials
Jan 68

Grain Growth of Rimmed Mill Steel Sheet,
Relationship Between the Distribution of
Tiny Inclusions in Rimmed Mild Steel Sheet
and the Recrystallized Grain Size, by
H. Kibotera, et al.
JAPANESE, per, Nippon Kinsoku, Vol. 31,
April 1967, pp. 527-534.
*BISI 6112

Sci/Materials
Jan 68s

Strength of Tungsten Fiber-Reinforced Aluminium
Composites at High Temperatures, by I. Miura
and K. Nozue,
JAPANESE, per. Nippon Kinzoku, Vol 37, No 5, 1967,
pp 607-610.
#B 8120 31

Sci/Mat
Apr 70

On the Mechanism of Ridging Phenomenon in
17% Chromium Stainless Steel, by H. Takachi,
et al.
JAPANESE, per, Nippon Kinzoku, Vol. 31,
No. 6, 1967, pp. 717-723.
WBISI 6113

Sci/Materials
Jan 68

Study on Sulphide Corrosion Cracking
of Steels by Radio-Isotope Tracer
Technique, by H. Iijima, K. Inamoto.
JAPANESE, per, Nippon Kinzoku, Vol 32,
No 1, 1968, pp 1-6.
BISI 6612

Sci/Materials
Jan 69

353,139

Effects of the Porosity on the Hydrogen Reduction
of Iron Oxide Pellets at a Low Temperature, by
Y. Hara, et al.
JAPANESE, par, Nippon Kinsoku, Vol 32, No 1,
1968, pp 73-77.
HISI 7027

sci/mat
jan 71

The Hydrogen Reduction of Hematite Ores at Lower
Temperatures, by Y. Hara, et al.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 1,
January 1968, pp 77-83.
BISI 6941

Sci-Mat
May 69

332,456

Rolling and Annealing Texture of 1% Carbon Steel,
by H. Kato.

JAPANESE, per, Nippon Kinzoku, Vol 32, No 2,
1968, pp 195-201.

BISI 6690

Sci-Materials

Mar 69

377,306

Effects of Cold-Drawing Prior to Patenting on the
Mechanical Properties of High Carbon Steel Wire
After Low Temperature Annealing, by H. Hirano.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 3, 1968
pp 234-238.
BISI 6929

sci/materials
june 69

384,178

On the Effect of Austenitizing Treatment Upon
the Strength of As-Patented 0.8% Carbon Steel,
by H. Hirano.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 3, 1968
pp 238-243.
BEST 6929

sci/materials
june 69

384,179 ✓

A Study on Rates of Growth of Peralite
in Commerical Modum Barbon Steels, by
A. Suzuki.

JAPANESE, per, Nippon Kinzoku, Vol 32,
No 3, 1968, pp 244-247.

*BISI 6906

Sci-Mat
Mar 69

The Temperature Dependence of the Impact
Extrusion Punch Pressure of Carbon Steels in
Y Range, by M. Ishii.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 3,
1968, pp 248-254.
•BISI 6806

Sci-Mat
Jan 69

Effects of Additional Elements on Susceptibility
of Austenitic Stainless Steels to Stress Cor-
rosion Cracking in High-Temperature Water Con-
taining Chloride, by G. Ito.

JAPANESE, per, Nippon Kinzoku, Vol 32, No 3, 1968,
pp 295-300.

*EB 7510

Sci-Mat
Sep 68