

K. Banaś, J. Banaś, Corrosion Behavior of Low Chromium Fe-Cr Alloys in Anhydrous Methanol Solutions of Sulfuric Acid [Full Text PDF](#)

A. Garbacz-Klempka, S. Rządkosz, Metallurgy of Copper in the Context of Metallographic Analysis of Archeological Materials Excavated at the Market Square in Krakow [Full Text PDF](#)

B. Kalandyk, R. Zapała, A. Rakowska, Characteristics of Defects Present in Industrial Steel Castings Due to Metal-Mould Reactions [Full Text PDF](#)

S. Rządkosz, M. Kranz, P. Nowicki, M. Piękoś, Influence of Refining Operations on a Structure and Properties of Copper and Its Selected Alloys [Full Text PDF](#)

B. Stypuła, D. Kasprzyk, M. Hajos, Corrosion Behaviour of Stainless Steel in Hot Concentrated Sulfuric Acid – Effect of Fluoride Impurities [Full Text PDF](#)

A. Janas, A. Kolbus, E. Olejnik, On the Character of Matrix-Reinforcing Particle Phase Boundaries in MeC and MeB (Me= W, Zr, Ti, Nb, Ta) In-Situ Composites [Full Text PDF](#)

W. K. Krajewski, J. Buraś, M. Żurkowski, A. L. Greer, Structure and Properties of Grain-Refined Al-20wt% Zn Sand Cast Alloy [Full Text PDF](#)

W. K. Krajewski, J. Lelito, J. S. Suchy, P. Schumacher, Computed Tomography – a New Tool in Structural Examinations of Castings [Full Text PDF](#)

A. Garbacz-Klempka, M. Szucki, Computer Modelling in Visualisation and Reconstruction of Archeological Relicts [Full Text PDF](#)

J. Lelito, P. Żak, J. Sz. Suchy, The Grain Nucleation Rate of the AZ91/SiC Composite Based on Maxwell-Hellawell Model [Full Text PDF](#)

R. Hawranek, J. Lelito, J. S. Suchy, P. Żak, The Simulation of a Liquid Cast Iron Flow Through the Gating System with Filter [Full Text PDF](#)

A. A. Burbelko, Transformation Kinetic for Instantaneous Nucleation in the Finite Volume – Application of Statistical Theory of Shielding [Full Text PDF](#)

W. Kapturkiewicz, E. Fraś, A. A. Burbelko, Modeling the Kinetics of Solidification of Cast Iron with Lamellar Graphite [Full Text PDF](#)

J. Dańko, J. Zych, R. Dańko, Diagnostic Methods of Technological Properties and Casting Cores Quality [Full Text PDF](#)

M. Maj, J. Piekło, MLCF – An Optimised Program of Low-Cycle Fatigue Test to Determine Mechanical Properties of Cast Materials [Full Text PDF](#)

E. Ziółkowski, R. Wrona, K. Smyksy, Some Aspects of Monitoring of Foundry Moulding Sands Preparation Process [Full Text PDF](#)

B. Hutera, The Effect of Dynamic Wetting in a Sand – Binder System on the Sand Mould Strength [Full Text PDF](#)

M.Holtzer, I.Kargulewicz,K. Olendrzyński, Estimation of the CO₂ Process Emission in Poland Generated by Castings Production from Ferrous Alloys
[Full Text PDF](#)

B. Grabowska, M. Holtzer, Structural Examination of the Cross-Linking Reaction Mechanism of Polyacrylate Binding Agents [Full Text PDF](#)

M. J. Szczerba, J. Przewoźnik, J. Żukrowski, Cz. Kapusta, M. S. Szczerba, B. Major, The Influence of High Temperature Plastic Deformation on Magnetic Properties of Ni₂MnGa Type Single Crystals
[Full Text PDF](#)

A. Romański, Microstructure and Phase Composition of Sintered Cobalt-Iron Materials [Full Text PDF](#)

A. Dziadoń, M. Konieczny, M. Gajewski, M. Iwan, Z. Rzączyńska, Microstructure Evolution at the Cu-Ti Interface During High Temperature Synthesis of Copper-Intermetallic Phases Layered Composite [Full Text PDF](#)

H. M. Hernández G., J. C. Escobedo B., J. M. Almanza R., R. Muñoz, A., A. Flores, V., D. A. Cortés H., β -Si₃Al₃O₃N₅ Synthesis by Carbothermal Nitridation at Low Temperature Using Cenospheres
[Full Text PDF](#)

M. Hojny, M. Głowacki, The Methodology of Strain – Stress Curves Determination for Steel in Semi-Solid State [Full Text PDF](#)

B. Zawada, M. Dziarmagowski, A Model of Ferrous Oxide Reduction in Steelmaking Slag Volume [Full Text PDF](#)

P. Bała, The Kinetics of Phase Transformations during Tempering of Tool Steels with Different Carbon Content [Full Text PDF](#)

A. Łędzki, P. Migas, R. Stachura, A. Klimczyk, M. Bernasowski, Dynamic Viscosity of Blast Furnace Primary and Final Slag with Titanium and Alkali Admixtures [Full Text PDF](#)

K. Nalepka, R. B. Peçherski, Modeling of the Interatomic Interactions in the Copper Crystal Applied in the Structure (111)Cu|||(0001)Al₂O₃ [Full Text PDF](#)

A. Winiowski, Structural and Mechanical Properties of Brazed Joints of Stainless Steel and Aluminium [Full Text PDF](#)

M. Farzin, H. Montazerolghaem, Manufacture of Thin Miniature Parts Using Electro Hydraulic Forming and Viscouse Pressure Forming Methods [Full Text PDF](#)