

2007

LOFAJ, F.: Unpub.. Neutron Scatte

Zahr.WOS: MACHACEK, J., GEDEON, O., LISKA, M., CHARVATOVA, S.: Journal of Non-Crystalline Solids, 353, 2007, s. 2025-2028

ŠALAK, A. - MIŠKOVIČ, V. - DUDROVÁ, E. - RUDNAYOVÁ, E.: The Dependence of Mechanical Properties of Sintered Iron Compacts upon Porosity. Powder Metallurgy International, 6, 1974, s.128-132

Scopus: SUNG, HJ., HA, TK., AHN, S., CHANG, YW.: Materials Science Forum, 534-536, 2007, s. 645-648

BESTERCI, M. - PROCHÁZKA, V.: Issledovanije elektroporovodnosti vnutrenne okislennych spalavov Ag-Mg i Ag-Al. Poroškovaja metallurgija, 1975, 2, s.103-107

Zahr.WOS: BRUNCKO, M., KNEISSL, AC., ANZEL, I.: Praktische Metallographie, 44, 2007, 10, s. 464-475
Scopus: BRUNCKO, M., ANZEL, KNEISSL, A.: Corrosion Science, 49, 2007, 3, s. 1228-1244

DUDROVÁ, E. - RUDNAYOVÁ, E. - PARILÁK, Ľ.: Lisovanie práškových kovov. Pokroky práškové metalurgie VÚPM, 21, 1983, 2, s.29-50

Dom.iné: SIMKULET, V.: Výrobné inžinierstvo, 6, 2007, 4, s. 51-54

PARILÁK, Ľ. - DUDROVÁ, E. - RUDNAYOVÁ, E.: Aproximatívne vyjadrenie lisovacej krivky technických práškových kovov. Pokroky práškové metalurgie VÚPM, 21, 1983, 3, s.19-30

Dom.iné: SIMKULET, V.: Výrobné inžinierstvo, 6, 2007, 4, s. 51-54

VÝROSTKOVÁ, A. - ŠTEFAN, B.: Contribution to the micromechanism of hydrogen induced cracks formation in the low carbon low alloyed structural steel. Kovové materiály, 28, 1990, 6, s.747-759

Zahr.WOS: TSAY, LW., CHEN, HH., CHIANG, MF., CHEN, C.: Corrosion Science, 49, 2007, 6, s. 2461-2473

KRÁĽ, J. - FERDINANDY, M. - LIŠKA, D. - DIKO, P.: Formation of TiAl₃ Layer on Titanium Alloys. Materials Science and Engineering A, 140, 1991, s.479-485

Zahr.WOS: EVSTIGNEEV, VV., FILIMONOV, VYu., KOSHELEV, KB.: Combustion, Explosion and Shock Waves, 43, 2007, 2, s. 170-175

Zahr.iné: EVSTIGNEEV, VV., FILIMONOV, VYu., KOSHELEV, KB.: Fizika gorenija i vzryva, 43, 2007, no. 2, s. 52-57

KOVÁČ, F. - SIWECKI, T. - HUTCHINSON, W.B. - ZAJAC, S.: Finishing Conditions Appropriate for Recrystallization-Controlled Rolling of Ti-V-N-Steel. Metallurgical Transactions A, 23, 1992, s.373-375

Zahr.WOS: CHUN, X., SUN, Q., CHEN, X.: Materials and Design, 28, 2007, 9, s. 2523-2527

Scopus: QING, JQ., WU, B., WU, J., HE, Y.: Materials Science Forum, 561-565, 2007, s. 45-48

JANOVEC, J. - MAGULA, V. - HOLÝ, A. - VÝROSTKOVÁ, A.: Influence of Long-Term Isothermal Exposures upon M7C₃ Carbide Changes in 2,7Cr-0,6Mo-0,3V Steel. Scripta Metallurgica et Materialia, 26, 1992, s.1303-1308

Zahr.WOS: CENIGA, L.: Journal of Materials Science, 42, 2007, 4, s. 1202-1227

PÁNEK, Z. - FIGUSCH, V. - HAVIAR, M. - LIČKO, T. - ŠAJGALÍK, P. - DUSZA, J.: Konštrukčná keramika. Bratislava, R a D 1992, 162 s.

Zahr.WOS: CENIGA, L.: Journal of Materials Science, 42, 2007, 4, s. 1202-1227

BESTERCI, M. - GARAFI, M. - ŠLESÁR, M. - JANGG, G.: The Influence of Loading Parameters on the Deformation of the Al-Al₄C₃ System. Scripta Metallurgica et Materialia, 29, 1993, s.193-197

Zahr.WOS: DURAI, TG., DAS, K., DAS, S.: Journal of Nanoscience and Nanotechnology, 7, 2007, 6, s. 1980-1984

RUDNAYOVÁ, E. - DUSZA, J. - KUPKOVÁ, M.: Comparison of Fracture Toughness Measuring Methods Applied on Silicon Nitride Ceramics. Journal de Physique IV, 3, 1993, s.1273-1276

Scopus: MIYAZAKI, H., HYUGA, H., YOSHIKAWA, Y., HIRAO, K., OHJI, T.: Materials Science and Technology Conference and Exhibition MS and T'07, 4, 2007, p. 2245-2254

JANOVEC, J. - VÝROSTKOVÁ, A. - SVOBODA, M.: Influence of Tempering Temperature on Stability of Carbide Phases in 2,6Cr-0,7Mo-0,3V Steel with Various Carbon Content. Metallurgical Transactions A, 25, 1994, s.267-275

Zahr.WOS: CENIGA, L.: Journal of Materials Science, 42, 2007, 4, s. 1202-1227

ŠEVC, P. - JANOVEC, J. - KATANA, V.: On Kinetics of Phosphorus Segregation in Cr-Mo-V Low Alloy Steel. Scripta Metallurgica et Materialia, 31, 1994, 12, s.1673-1678

Zahr.WOS: SONG, S., YUAN, Z., SHEN, D., WENG, L.: Journal Wuhan University of Technology, Materials Science Edition, 22, 2007, 1, s. 1-6

DUDROVÁ, E. - KABÁTOVÁ, M. - MOLNÁR, F. - BUREŠ, R.: Direct Vacuum Sintering Behaviour of M2 High Speed Steel Powder with Copper and Graphite Additions. Powder Metallurgy, 37, 1994, 3, s.206-211

Scopus: ZHOU, R., WANG, D., SHEN, J., SUN, J.: Advanced Materials Research, 29-30, 2007, s. 153-158

ŠALAK, A.: Ferrous Powder Metallurgy. Cambridge, Cambridge International Science Publishing 1995, 410 s.

Zahr.WOS: DANNINGER, H., GIERL, C.: International Journal of Materials and Product Technology, 28, 2007, 3/4, s. 338-360

Zahr.WOS: LEO, NT., KUANG, YH., LI, YY.: Journal of Iron and Steel Research International, 14, 2007, suppl., s. 77-81

ŠEVC, P. - JANOVEC, J. - KOUTNÍK, M. - VÝROSTKOVÁ, A.: Equilibrium Grain Boundary Segregation of Phosphorus in 2,6Cr-0,7Mo-0,3V Steels. Acta Metallurgica et Materialia, 43, 1995, 1, s.251-258

Zahr.WOS: SONG, S., YUAN, Z., SHEN, D., WENG, L.: Journal Wuhan University of Technology, Materials Science Edition, 22, 2007, 1, s. 1-6

Zahr.WOS: GARCIA-MAZARIO, M., LANCHA, AM., HERNANDEZ-MAYORAL, M.: Journal of Nuclear Materials, 360, 2007, 3, s. 293-303

LOFAJ, F. - KAGANOVSKIJ, Yu.S.: Kinetics of WC-Co Oxidation Accompanied by Swelling. Journal of Materials Science, 30, 1995, s.1811-1817

Zahr.WOS: BERGER, LM.: Powder Metallurgy, 50, 2007, 3, s. 205-214

ŠAJGALÍK, P. - DUSZA, J. - HOFFMANN, M.J.: Relationship between Microstructure Toughening Mechanisms and Fracture Toughness of Reinforced Beta-Si₃N₄ Ceramics. Journal of the American Ceramic Society, 78, 1995, 10, s.2619-2624

Zahr.WOS: KRSTIC, Z., YU, ZB., KRSTIC, VD.: Journal of Materials Science, 42, 2007, 14, s. 5431-5436

Zahr.WOS: FOULK, JW., CANNON, RM., JOHNSON, GC., KLEIN, PA., RITCHIE, RO.: Journal of the Mechanics and Physics of Solids, 55, 2007, 4, s. 719-743

Scopus: MECHOLSKY, JJ.: Ceramic Transactions, 199, 2007, p. 53-65

Zahr.WOS: XIANG, QJ., LIU, Y., SHENG, XX.: Dental Materials, 23, 2007, 2, s. 251-258

Zahr.WOS: LI, HB., LUO, JT., ZHANG, Q., ZHANG, KF.: Key Engineering Materials, 336-338, 2007, s. 1069-1071

ŠEVC, P. - JANOVEC, J. - LUCAS, M. - GRABKE, H.J.: Kinetics of Phosphorus Segregation in 2,7Cr-0,7Mo-0,3V Steels with Different Phosphorus Contents. Steel Research, 66, 1995, 12, s.537-542

Scopus: ZHENG, L., XU, TD.: Journal of Iron and Steel Research, 19, 2007, 3, s. 49-52+70

HVIZDOŠ, P. - LOFAJ, F. - DUSZA, J.: Mikroštruktúrne zmeny pri creepe v keramike na báze Si₃N₄. Kovové materiály, 33, 1995, 6, s.473-483

Zahr.WOS: CENIGA, L.: Journal of Materials Science, 42, 2007, 4, s. 1202-1227

ŠAJGALÍK, P. - LENČEŠ, Z. - DUSZA, J.: Layered Si₃N₄ Composites with Enhanced Room Temperature Properties. Journal of Materials Science, 31, 1996, s.4837-4842

Zahr.WOS: GUICCIARDI, S., NAGLIATI, M., MELANDRI, C.: Journal of the European Ceramic Society, 27, 2007, 1, s. 351-356

DUSZA, J. - HVIZDOŠ, P. - STEINKELLNER, W. - KROMP, K.: Bending Creep Behaviour of Pressureless Sintered MoSi₂. Scripta Materialia, 37, 1997, 4, s.471-476

Zahr.WOS: XU, BX., YUE, ZF., EGGELER, G.: Acta Materialia, 55, 2007, 18, s. 6275-6283

DUSZA, J. - ESCHNER, T. - RUNDGREN, K.: Hardness Anisotropy in Bimodal Grained Gas Pressure Sintered Si₃N₄. Journal of Materials Science Letters, 16, 1997, s.1664-1667

Zahr.WOS: BELMONTE, M., MIRANZO, P., OSENDI, MI.: Journal of the American Ceramic Society, 90, 2007, 4, s. 1157-1663

Zahr.WOS: BELMONTE, M., MIRANZO, P., OSENDI, MI.: Key Engineering Materials, 336-338, 2007, s. 1175-1178

Zahr.WOS: BALOG, M., KECKES, J., SCHOBERL, T.: Journal of the European Ceramic Society, 27, 2007, 5, s. 2145-2152

LOFAJ, F. - OKADA, A. - KAWAMOTO, H.: Cavitation Strain Contribution to Tensile Creep in Vitreous Bonded Ceramics. Journal of the American Ceramic Society, 80, 1997, 6, s.1619-1623

Scopus: VAN ROODE, M., FERBER, MK.: Proceedings of the ASME Turbo Expo, 2007, s. 305-321

VÝROSTKOVÁ, A. - KROUPA, A. - **JANOVEC, J.** - SVOBODA, M.: Carbide Reactions and Phase Equilibria in Low Alloy Cr-Mo-V Steels Tempered at 773-993 K. Part I: Experimental Measurements. Acta Materialia, 46, 1998, 1, s.31-38

Zahr.WOS: RAGHAVAN, V.: Journal of Phase Equilibria and Diffusion, 28, 2007, 3, s. 286-288

JANOVEC, J. - SVOBODA, M. - **BLACH, J.**: Evolution of Secondary Phases during Quenching and Tempering 12% Cr Steel. Materials Science and Engineering A, 249, 1998, s.184-189

Zahr.WOS: SHAO, H., LIU, L., QU, HL.: Wear, 263, 2007, spec.iss., s. 736-744

SELECKÁ, M. - **BUREŠ, R.**: Microstructure of Powder Fe-1,5Mo Material after Sintering with Boron Liquid Phase in Vacuum and Hydrogen. In: Metallography 98. Stará Lesná, 22.-24.4.1998. Ed. I.Hrivňák. Košice, ÚMV SAV 1998, s.436-439

Dom.iné: ROSENBERG, G.: Transfer 2007. Využívanie nových poznatkov v strojárskkej praxi. 9. Medzinárodná vedecká konferencia. Trenčín, 18.-19.9.2007. Trenčín : FŠT TU, 2007, s. 419-422

HIDVÉGHY, J. - **DUSZA, J.**: Nekomové konštrukčné materiály. Plasty a konštrukčná keramika. Košice, HF TU 1998, 162 s.

Dom.iné: BAČOVÁ, V., POLÁK, J.: Acta Mechanica Slovaca, 11, 2007, 4-C, s. 15-23

SELECKÁ, M. - DANNINGER, H. - **BUREŠ, R.** - **PARILÁK, L.**: Microstructure and Mechanical Properties of Sintered Fe-Mo-B Steels. In: 1998 Powder Metallurgy World Congress and Exhibition. Granada, 18.-22.10.1998. Shrewsbury, EPMA 1998, s.638-643

Zahr.WOS: MENAPACE, C., MOLINARI, A., KAZIOR, J.: Powder Metallurgy, 50, 2007, 4, s. 326-335

BESTERCI, M. - IVAN, J.: The Mechanism of the Failure of the Dispersion-Strengthened Cu-Al₂O₃ System. Journal of Materials Science Letters, 17, 1998, s.773-776

Zahr.WOS: ZHU, JH., LIU, HZ., LIU, L.: Materials Science and Technology, 23, 2007, 6, s. 665-670

JANOVEC, J. - **BLACH, J.** - **ZÁHUMENSKÝ, P.** - MAGULA, V. - PECHA, J.: Role of Intergranular Precipitation in the Fracture Behaviour of AISI 316 Austenitic Stainless Steel. Canadian Metallurgical Quarterly, 38, 1999, 1, s.53-59

Dom.iné: MAREK, P., DOMÁNKOVÁ, M.: SEMDOK 2007. Súľov, 25.-26.1.2007. Žilina : ŽU, 2007, s. 132-135

Zahr.WOS: HAREWOOD, FJ., MCHUGH, PE.: Annals of Biomedical Engineering, 35, 2007, 9, s. 1539-1553

Zahr.WOS: DOMÁNKOVÁ, M., PETER, M., ROMAN, M.: Materiali in Tehnologije, 41, 2007, 3, s. 131-134

Dom.iné: MAREK, P., DOMÁNKOVÁ, M.: Acta Metallurgica Slovaca, 13, 2007, 1, s. 61-67

Dom.iné: DOMÁNKOVÁ, M., MAREK, P., MORAVČÍK, R.: Acta Metallurgica Slovaca, 13, 2007, 1, s. 52-60

ZÁHUMENSKÝ, P. - TULEJA, S. - ORSZÁGHOVÁ, J. - **JANOVEC, J.** - **HOMOLOVÁ, V.**: Corrosion Resistance of 18Cr-12Ni-2,5Mo Steel Annealed at 500-1050°C. Corrosion Science, 41, 1999, s.1305-1322

Zahr.WOS: PARDO, A., MERINO, MC., COY, AE., VIEJO, F., CARBONERAS, M., ARRABAL, R.: Acta Materialia, 55, 2007, 7, s. 2239-2251

Zahr.WOS: SIDHOM, H., AMADOU, T., SAHLAOU, H., BRAHAM, C.: Metallurgical and Materials Transactions A, 38, 2007, 6, s. 1269-1280

DUSZA, J. - STEEN, M.: Fractography and Fracture Mechanics Property Assessment of Advanced Structural Ceramics. In: International Materials Reviews, 44, 1999, s.165-216

Scopus: KAULICS, N., MAROS, MB.: Pollack Periodica, 2, 2007, 2, s. 119-129

Zahr.WOS: HARIMKAR, S., DAHOTRE, NB.: Physica Status Solidi A, 204, 2007, 4, s. 1105-1113

Scopus: YANG, TB., WANG, LQ., GU, L., ZHENG, DZ.: Acta Armamentarii, 28, 2007, 3, s. 353-357

Scopus: MAROS, MB., KAULICS, N., ARATÓ, P.: Ceramic Transactions, 199, 2007, p. 421-433

ŠAJGALÍK, P. - RAJAN, K. - WARBICHLER, P. - HOFFER, F. - **DUSZA, J.**: Silicon Nitride Based Nano- and Micro-Composites with Enhanced Mechanical Properties. Key Engineering Materials, 159-160, 1999, s.405-410
Zahr.WOS: ZOU, B., HUANG, CZ., CHEN, M.: Acta Materialia, 55, 2007, 12, s. 4193-4202

PERHÁČOVÁ, J. - **VÝROSTKOVÁ, A.** - **ŠEVC, P.** - **JANOVEC, J.** - GRABKE, H.J.: Phosphorus Segregation in CrMoV Low-Alloy Steels. Surface Science, 454-456, 2000, s.642-646
Zahr.WOS: GARCIA-MAZARIO, M., LANCHI, AM., HERNANDEZ-MAYORAL, M.: Journal of Nuclear Materials, 360, 2007, 3, s. 293-303
Zahr.WOS: SONG, S., YUAN, Z., SHEN, D., WENG, L.: Journal Wuhan University of Technology, Materials Science Edition, 22, 2007, 1, s. 1-6

JANOVEC, J. - GRMAN, D. - PERHÁČOVÁ, J. - LEJČEK, P. - PATSCHEIDER, J. - **ŠEVC, P.**: Thermodynamics of Phosphorus Grain Boundary Segregation in Polycrystalline Low-Alloy Steels. Surface and Interface Analysis, 30, 2000, 1, s.354-358
Zahr.WOS: SONG, S., YUAN, Z., SHEN, D., WENG, L.: Journal Wuhan University of Technology, Materials Science Edition, 22, 2007, 1, s. 1-6

ŠAJGALÍK, P. - HNATKO, M. - **LOFAJ, F.** - **HVIZDOŠ, P.** - **DUSZA, J.** - WARBICHLER, P. - HOFFER, F. - RIEDEL, R. - LECOMTE, E. - HOFFMANN, M.J.: SiC/Si₃N₄ Nano/Micro-Composite-Processing, RT and HT Mechanical Properties. Journal of the European Ceramic Society, 20, 2000, s.453-462
Zahr.WOS: BALOG, M., KECKES, J., SCHOBEL, T.: Journal of the European Ceramic Society, 27, 2007, 5, s. 2145-2152
Zahr.WOS: DABHADE, VV., MOHAN, TRR., RAMAKRISHNAN, P.: Powder Metallurgy, 50, 2007, 1, s. 33-39
Zahr.WOS: DABHADE, VV., MOHAN, TRR., RAMAKRISHNAN, P.: Powder Metallurgy, 50, 2007, 2, s. 157-164
Zahr.WOS: ZOU, B., HUANG, CZ., CHEN, M.: Acta Materialia, 55, 2007, 12, s. 4193-4202

BESTERCI, M.: Dispersion-Strengthened Aluminium Prepared by Mechanical Alloying. International Journal of Materials and Product Technology, 15, 2000, 3-5, s.356-408
Zahr.WOS: MARTINEZ-SANCHEZ, R., REYES-GASGA, J., CAUDILLO, R.: Journal of Alloys and Compounds, 438, 2007, 1/2, s. 195-201
Zahr.WOS: SANTOS-BELTRAN, A., GALLEGOS-OROZCO, V., ESTRADA-GUELA, I.: Journal of Alloys and Compounds, 434, 2007, s. 514-517

CENIGA, L. - **KOVÁČ, F.**: Influence of Annealing and Hydrogenation-Dehydrogenation Processes on Internal Stresses and Barkhausen Noise of Fe₈₃B₁₇ Amorphous Alloy. Journal of Materials Science, 36, 2001, s.4125-4129
Zahr.iné: JURÍKOVÁ, A.: Central European Journal of Physics, 5, 2007, 2, s. 177-187
Zahr.WOS: JURÍKOVÁ, A., CSACH, K., MIŠKUF, J., OCELÍK, V.: Central European Journal of Physics, 5, 2007, 2, p. 177-187

PERHÁČOVÁ, J. - GRMAN, D. - SVOBODA, M. - PATSCHEIDER, J. - **VÝROSTKOVÁ, A.** - **JANOVEC, J.**: Microstructural Aspects of Phosphorus Grain Boundary Segregation in Low Alloy Steels. Materials Letters, 47, 2001, s.44-49
Zahr.WOS: SONG, S., YUAN, Z., SHEN, D., WENG, L.: Journal Wuhan University of Technology, Materials Science Edition, 22, 2007, 1, s. 1-6
Scopus: JIA, S., LIU, Q., WANG, B., WANG, X., CHEN, H.: Journal of Chinese Society of Corrosion and Protection, 27, 2007, 3, s. 137-141

DŽUBINSKÝ, M. - **KOVÁČ, F.**: Influence of Heat Cycling on Microstructural Parameters of Fe-3%Si Grain Oriented Steel. Scripta Materialia, 45, 2001, s.1205-1211
Scopus: New Technologies. Chapter 17. Pergamon Materials Series 11, 2007, s. 475-517

BIDLICKÝ, R. - **DUDROVÁ, E.**: Sintering Behaviour of Fe-Mn Powders Systems. Acta Metallurgica Slovaca, 7, 2001, spec.iss., s.539-541
Dom.iné: SIMKULET, V.: Materiálové inžinierstvo, 14, 2007, 3, s. 220-222

LOFAJ, F. - WIEDERHORN, S.M. - LONG, G.G. - JEMIAN, P.R. - FERBER, M.K.: Cavitation Creep in the Next Generation Silicon Nitride. In: Ceramic Materials and Components for Engines. Goslar, 5.2000. Ed. J.G.Heinrich, F.Aldinger. Weinheim, Wiley-VCH 2001, s.487-493

Zahr.WOS: BISWAS, K., RIXECKER, G., ALDINGER, F.: Materials Chemistry and Physics, 104, 2007, 1, s. 10-17

LOFAJ, F. - WIEDERHORN, S.M. - JEMIAN, P.R. - LONG, G.G.: Tensile Creep in the Next Generation Silicon Nitride. Ceramic Engineering and Science Proceedings, 22, 2001, 3, s.167-174

Scopus: DUSZA, J.: Key Engineering Materials, 333, 2007, s. 167-176

Zahr.WOS: DOLEKCEKIC, E., POMEROY, MJ., HAMPSHIRE, S.: Journal of the European Ceramic Society, 27, 2007, 2/3, s. 893-898

ŠALAK, A. - SELECKÁ, M. - BUREŠ, R.: Manganese in Ferrous Powder Metallurgy. Powder Metallurgy Progress, 1, 2001, 1, s.41-58

Zahr.WOS: DANNINGER, H., GIERL, C.: International Journal of Materials and Product Technology, 28, 2007, 3/4, s. 338-360

ALGUERO, M. - BUSHBY, A. - HVIZDOŠ, P. - REECE, M.J. - WHATMORE, R. - ZHANG, Q.: Mechanical and Electromechanical Properties of PZT Sol-Gel Thin Films Measured by Nanoindentation. Integrated Ferroelectrics, 41, 2001, s.53-62

Zahr.WOS: ZHANG, M., MIRANDA SALVADO, IM., VILARINHO, PM., SILVESTRE, AJD., SILVA, AMS.: Journal of the American Ceramic Society, 90, 2007, 2, p. 358-363

DUDROVÁ, E. - KABÁTOVÁ, M. - KUPKOVÁ, M.: Failure in Fe-Ni-Cu-Mo Sintered Steel under Static Tensile Loading. Kovové materiály, 40, 2002, 1, s.24-34

Zahr.WOS: WU, MW., HWANG, KS., HUANG, HS.: Metallurgical and Materials Transactions A, 38, 2007, 7, s. 1598-1607

TRPČEVSKÁ, J. - BRIANČIN, J. - MEDVECKÝ, L. - ĎURIŠINOVÁ, K.: Microstructure and Porcelain Stoneware Properties. Key Engineering Materials, 223, 2002, s.265-268

Scopus: MAITRA, S., MANDAL, S., SIL, G., KARMAKAR, PK.: Industrial Ceramics, 27, 2007, 3, s. 205-210

Scopus: MAITRA, S., MANDAI, S., SIL, G., KARMAKAR, PK.: C e Ca, 37, 2007, 3, s. 161-165

ŠALAK, A. - SELECKÁ, M.: Mechanical and Friction Properties of Sintered (1-5)% Manganese Steel. In: 3rd International Powder Metallurgy Conference. Ankara, 4.-8.9.2002. Turkish Powder Metallurgy Association 2002, s.230-246

Zahr.WOS: EKSI, AK., YUZBASIOGLU, AH.: Materials and Design, 28, 2007, 4, s. 326-335

Zahr.WOS: TEKEKLI, S. GURAL, A.: Materials Science and Technology, 23, 2007, 1, s. 72-78

BIDULSKÝ, R. - DUDROVÁ, E. - KABÁTOVÁ, M.: Deformation and Fracture Behaviour of Sintered Manganese Steels. In: Deformation and Fracture in Structural PM Materials. Vol.2. Stará Lesná, 15.-18.9.2002. Ed. L. Parilák, H. Danninger. Košice, ÚMV SAV 2002, s.31-34

Dom.iné: ROSENBERG, G.: Transfer 2007. Využívanie nových poznatkov v strojárskkej praxi. 9.

Medzinárodná vedecká konferencia. Trenčín, 18.-19.9.2007. Trenčín : FŠT TU, 2007, s. 419-422

HOMOLOVÁ, V. - JANOVEC, J. - KROUPA, A.: Experimental and Thermodynamic Studies of Phase Transformations in Cr-V Low Alloy Steels. Materials Science and Engineering A, 335, 2002, s.290-297

Dom.iné: PECHA, J.: Zváranie moderných žiarupevných ocelí pre energetické zariadenia. Bratislava : STU, 2007

SIDOR, J. - KOVÁČ, F. - NOVÁK, L. - KRAVČÁK, J.: Influence of Heat Treatment Parameters on Magnetic Properties of Non-Oriented Electrical Steels. Acta Electrotechnica et Informatica, 2, 2002, 3, s.96-101

Zahr.WOS: CENIGA, L.: Journal of Materials Science, 42, 2007, 4, s. 1202-1227

JIANG, J. - SAKSL, K. - NISHIYAMA, N. - INOUE, A.: Crystallization in Pd₄₀Ni₄₀P₂₀O Glass. Journal of Applied Physics, 92, 2002, 7, s.3651-3656

Zahr.WOS: ABROSIMOVA, GE., AFONIKOVA, NS., KOBELEV, NP.: Physics of the Solid State, 49, 2007, 11, s. 2099-2103

Zahr.WOS: HARUYAMA, O., SUGIYAMA, K., SAKURAI, M.: Journal of Non-Crystalline Solids, 353, 2007, s. 3053-3056

KOVAL, V. - ALEMANY, C. - BRIANČIN, J. - BRUNCKOVÁ, H.: Dielectric Properties and Phase Transition Behaviour of xPMN-(1-x)PZT Ceramic Systems. Journal of Electroceramics, 10, 2003, 1, s.19-29

Zahr.WOS: HOU, YD., HOU, L., ZHU, MK.: Materials Letters, 61, 2007, 16, s. 3371-3373

Zahr.WOS: YIMNIRUN, R., TAN, X., ANANTA, S., WONGSAENMAI, S.: Applied Physics A, 88, 2007, 2, s. 323-328

Zahr.WOS: VITTAYAKORN, N., TUNKASIRI, T.: Physica Scripta, T129, 2007, s. 199-204

BESTERCI, M. - KOVÁČ, L.: Microstructure and Properties of Cu-Al₂O₃ Composites Prepared by PM. International Journal of Materials and Product Technology, 18, 2003, 1-3, s.26-56

Zahr.WOS: ZEBARJAD, SM., SAJJADI, SA.: Materials and Design, 28, 2007, 7, s. 2113-2120

HOMOLOVÁ, V. - JANOVEC, J. - ZÁHUMENSKÝ, P. - VÝROSTKOVÁ, A.: Influence of Thermal-Deformation History on Evolution of Secondary Phases in P91 Steel. Materials Science and Engineering A, 349, 2003, s.306-312

Zahr.WOS: SANCHEZ, L., BOLIVAR, FJ., HIERRO, MDP.: Chemical Vapor Deposition, 13, 2007, 9, s. 465-473

Zahr.WOS: MARKOLI, B., SPAIC, S.: International Journal of Materials Research, 98, 2007, 2, s. 150-154

KOVAL, V. - ALEMANY, C. - BRIANČIN, J. - BRUNCKOVÁ, H. - SAKSL, K.: Effect of PMN Modification on Structure and Electrical Response of xPMN-(1-x)PZT Ceramic Systems. Journal of the European Ceramic Society, 23, 2003, s.1157-1166

Zahr.WOS: SAHOO, B., PANDA, PK.: Journal of Materials Science, 42, 2007, 12, s. 4270-4275

Zahr.WOS: YOON, MS., KIM, YM., KWEON, SY.: Journal of Electroceramics, 18, 2007, 1/2, s. 73-75

Zahr.WOS: SUN, HJ., LIU, XF., ZHOU, J.: Ferroelectrics, 358, 2007, s. 49-53

KOVÁČ, F. - DŽUBINSKÝ, M. - BOŘUTA, J.: Prediction of Low Carbon Steels Behaviour under Hot Rolling Service Conditions. Acta Materialia, 51, 2003, s.1801-1808

Zahr.WOS: SERAJZADEH, S.: Materials Letters, 61, 2007, 14/15, s. 3296-3300

BIDULSKÝ, R.: Hodnotenie fyzikálnych parametrov rôznych typov mangánových systémov. In: SEMDOK 2003. Seminár doktorandov. Žilina - Súľov, 21.-22.1.2003. Žilina : Žilinská univerzita 2003, s.9-12

Dom.iné: SIMKULET, V.: Výrobné inžinierstvo, 6, 2007, 4, s. 51-54

KOVAL, V. - BRIANČIN, J.: Microstructure and Electrical Response of 0.9Pb(Mg_{1/3}Nb_{2/3})O₃-0.1PbTiO₃ Relaxor Ceramics. Ceramics - Silikáty, 47, 2003, 1, s.8-12

Zahr.WOS: CAVALHEIRO, AA., BRUNO, JC., ZAGHETE, MA.: Journal of Materials Science, 42, 2007, 3, s. 828-833

JANOVEC, J. - VÝROSTKOVÁ, A. - ŠEVC, P. - ROBINSON, J. - SVOBODA, M. - KREŠŤÁNKOVÁ, J. - GRABKE, H.J.: Precipitation Related Anomalies in Kinetics of Phosphorus Grain Boundary Segregation in Low Alloy Steels. Acta Materialia, 51, 2003, s.4025-4032

Zahr.WOS: GARCIA-MAZARIO, M., LANCHA, AM., HERNANDEZ-MAYORAL, M.: Journal of Nuclear Materials, 360, 2007, 3, s. 293-303

BLACH, J. - ŠEVC, P. - JANOVEC, J.: Mechanické vlastnosti 9Cr-1Mo ocele pri teplote okolia po expozíciách za zvýšenej teploty. Kovové materiály, 41, 2003, 6, s.403-415

Zahr.iné: SVOBODOVÁ, M., DOUDA, J., KUDRMAN, J., SKLENIČKA, V., KUCHAROVÁ, K.: Metal 2007. Hradec nad Moravicí, 22.-24.5.2007, CD

SELECKÁ, M. - ŠALAK, A. - DANNINGER, H.: The Effect of Boron Liquid Phase Sintering on Properties of Ni-, Mo- and Cr- Alloyed Structural Steels. Journal of Materials Processing Technology, 141, 2003, s.379-384

Zahr.WOS: COLMATI, F., ANTOLINI, E., GONZALEZ, ER.: Applied Catalysis B, 73, 2007, 1/2, s. 106-115

Zahr.WOS: GURAL, A., TEKELI, S.: Materials and Design, 28, 2007, 4, s. 1224-1230

Zahr.WOS: TEKELI, S., GURAL, A., OZYUREK, D.: Materials and Design, 28, 2007, 5, s. 1685-1688

Zahr.WOS: GULSOY, HO., BILICI, MK., BOZKURT, Y., SALMAN, S.: Materials and Design, 28, 2007, 7, s. 2255-2259

Scopus: ABENOJAR, J., ESTEBAN, D., MARTINEZ, MA., VELASCO, F.: Materials Science Forum, 534-536, 2007, s. 733-736

Zahr.WOS: TEKEKLI, S. GURAL, A.: Materials Science and Technology, 23, 2007, 1, s. 72-78
Zahr.WOS: MENAPACE, C., MOLINARI, A., KAZIOR, J.: Powder Metallurgy, 50, 2007, 4, s. 326-335

LOFAJ, F. - HVIZDOŠ, P. - DORČÁKOVÁ, F. - SATET, R. - HOFFMANN, M.J. - DE ARELLANO-LÓPEZ, A.: Indentation Moduli and Microhardness of RE-Si-Mg-O-N Glasses (RE=Sc,Y,La,Sm,Yb and Lu) with Different Nitrogen Content. Materials Science and Engineering A, 357, 2003, s.181-187

Zahr.WOS: HAKEEM, AS., GRINS, J., ESMAEILZADEH, S.: Journal of the European Ceramic Society, 27, 2007, 16, s. 4783-4787

Zahr.WOS: TOKUNAGA, H., IDEGUCHI, S., SHIMIZU, F., SAITO, N., NAKASHIMA, K.: Journal of the Japan Institute of Metals, 71, 2007, 5, s. 445-451

Zahr.WOS: SUKENAGA, S., NAKATA, D., ICHIKI, T., SAITO, N., NAKASHIMA, K.: Journal of the Japan Institute of Metals, 71, 2007, 11, s. 1050-1056

SINKA, V. - **SELECKÁ, M. - ŠALAK, A.:** The Influence of Iron Powder Grade and Manganese Carrier on the Homogeneity Modulus of Sintered Mn Steels. Materials Science Forum, 416-418, 2003, s.455-460

Scopus: CASTRO, F., SARASOLA, M., SAINZ, S., GOMEZ-ACEBO, T.: Materials Science Forum, 534-536, 2007, s. 705-708

JIANG, J. - KATO, H. - OHSUNA, T. - SAIDA, J. - INOUE, A. - **SAKSL, K.** - FRANZ, H. - STAHL, K.: Origin of Nondetectable X-Ray Diffraction Peaks in Nanocomposite CuTiZr Alloys. Applied Physics Letters, 83, 2003, 16, s.3299-3301

Zahr.WOS: VENKATARAMAN, S., BARTUSCH, B., MICKEL, C.: Materials Science and Engineering A, 444, 2007, 1-2, s. 257-264

Zahr.WOS: FAN, GJ., FU, LF., QIAO, DC., CHOO, H., LIAW, PK., BROWNING, ND., LOFFLER, JF.: Journal of Non-Crystalline Solids, 353, 2007, s. 4218-4222

Zahr.WOS: CAO, QP., LI, JF., ZHANG, PN.: Journal of Physics-Condensed Matter, 19, 2007, 24, 246206

Zahr.WOS: REVESZ, A., HOBOR, S., SZABO, PJ.: Materials Science and Engineering A, 460, 2007, s. 459-463

Zahr.WOS: VENKATARAMAN, S., HERMANN, H., MICKEL, C.: Physival Review B, 75, 2007, 10, 104206

SAKSL, K. - FRANZ, H. - JÓVÁRI, P. - KLEMENTIEV, K. - WELTER, E. - EHNES, A. - SAIDA, J. - INOUE, A. - JIANG, J.: Evidence of Icosahedral Short-Range Order in Zr₇₀Cu₃₀ and Zr₇₀Cu₂₉Pd₁ Metallic Glasses. Applied Physics Letters, 83, 2003, 19, s.3924-3926

Zahr.WOS: CAO, ZQ., ZHANG, X.: Scripta Materialia, 56, 2007, 3, s. 249-252

Zahr.WOS: LEKKA, CE., IBENSKAS, A., YAVARI, AR.: Applied Physics Letters, 91, 2007, 21, 214103

Zahr.WOS: IWAMATSU, M., LAI, SK.: Journal of Non-Crystalline Solids, 353, 2007, s. 3698-3703

Zahr.WOS: KATCHO, NA., ZETTERSTROM, P., LOMBA, E.: Journal of Chemical Physics, 127, 2007, 14, 144707

Zahr.WOS: SUGITA, K., MIZUNO, M., ARAKI, H., SHIRAI, Y.: Materials Transactions, 48, 2007, 6, s. 1336-1339

Zahr.WOS: MORRIS, JR., XU, M., YE, YY.: Acta Materialia, 55, 2007, 17, s. 5901-5909

Zahr.WOS: FUJIMA, N., ASATO, M., TAMURA, R., HOSHINO, T.: Materials Transactions, 48, 2007, 7, s. 1734-1738

Zahr.WOS: ANIYA, M., SHINKAWA, T.: Materials Transactions, 48, 2007, 7, s. 1793-1796

Zahr.WOS: IWAMATSU, M.: Materials Science and Engineering A, 449, 2007, s. 975-978

Zahr.WOS: LIU, L., CHAN, KC., SUN, M.: Materials Science and Engineering A, 445, 2007, s. 697-706

Zahr.WOS: ZETTERSTROM, P., DELAPLANE, R., WANG, YD.: Journal of Physics-Condensed Matter, 19, 2007, 37, 376217

ŠALAK, A. - SELECKÁ, M. - PARILÁK, L.: Some Properties of Powder Forged Steel Based on Chromium Prealloyed Powders of High Oxygen Content. Journal of Materials Processing Technology, 143-144, 2003, s.18-22

Scopus: CASTRO, F., SARASOLA, M., SAINZ, S., GOMEZ-ACEBO, T.: Materials Science Forum, 534-536, 2007, s. 705-708

JIANG, J. - YANG, B. - **SAKSL, K.** - FRANZ, H. - PRYDS, N.: Crystallization of Cu₆₀Ti₂₀Zr₂₀ Metallic Glass with and without Pressure. Journal of Materials Research, 18, 2003, 4, s.895-898

Zahr.WOS: LOUZGUINE-LUZGIN, DV., YAVARI, AR., FUKUHARA, M.: Journal of Alloys and Compounds, 431, 2007, 1/2, s. 136-140

Zahr.WOS: LOUZGUINE-LUZGIN, DV., XIE, GQ., ZHANG, W.: Materials Transactions, 48, 2007, 8, s. 2128-2132

Zahr.WOS: LOUZGUINE-LUZGIN, DV., XIE, GQ., ZHANG, W.: Materials Science and Engineering A, 465, 2007, 1/2, s. 146-152

Zahr.WOS: SCHUH, CA., HUFNAGEL, TC., RAMAMURTY, U.: Acta Materialia, 55, 2007, 12, s. 4067-4109

Zahr.WOS: TOLEDANO, P.: Europhysics Letters, 78, 2007, 4, 46003

BESTERCI, M. - VELGOSOVÁ, O. - LOFAJ, F.: Mechanism of Superplastic Deformation of Al-12Al₄C₃ System. Acta Metallurgica Slovaca, 2003, 4, s.47-54

Zahr.WOS: CENIGA, L.: Journal of Materials Science, 42, 2007, 4, s. 1202-1227

BRUNCKOVÁ, H. - MEDVECKÝ, Ľ. - BRIANČIN, J. - SAKSL, K.: Influence of Hydrolysis Conditions of the Acetate Sol-Gel Process on the Stoichiometry of PZT Powders. Ceramics International, 30, 2004, s.453-460

Zahr.WOS: LINARDOS, S., ZHANG, Q., ALCOCK, JR.: Journal of the European Ceramic Society, 27, 2007, 1, s. 231-235

DŽUBINSKÝ, M. - BI, Y. - IRONS, T.: Influence of Temper Rolling Conditions on Microstructure and Texture Development during Decarburising Annealing in Non-Oriented Electrical Steel. In: TMP 2004. 2nd International Conference on Thermomechanical Processing of Steels. Liege, 15.-17.6.2004. Ed. M. Lamberigts. Düsseldorf : Stahleisen 2004, s.499-506

Zahr.WOS: BARROS, J., TARGHETTA, A., LEON, O.: Journal of Magnetism and Magnetic Materials, 316, 2007, 2, s. E865-E867

DŽUBINSKÝ, M. - SIDOR, J. - KOVÁČ, F.: Kinetics of Columnar Abnormal Grain Growth in Low-Si Non-Oriented Electrical Steel. Materials Science and Engineering A, 385, 2004, s.449-454

Scopus: GOURGUES-LORENZON, AF.: International Materials Reviews, 52, 2007, 2, s. 65-128

SIDOR, J. - KOVÁČ, F. - PETRYCHKA, V.: Modelling of Ferrite Grain Growth in Non-Oriented Electrical Steels. Acta Metallurgica Slovaca, 10, 2004, spec.iss., s.698-701

Zahr.WOS: CENIGA, L.: Journal of Materials Science, 42, 2007, 4, s. 1202-1227

PETRYCHKA, V. - KOVÁČ, F. - SIDOR, J.: Grain Boundary Engineering in Non-Oriented Electrical Steels. Acta Metallurgica Slovaca, 10, 2004, spec.iss., s.702-705

Zahr.WOS: CENIGA, L.: Journal of Materials Science, 42, 2007, 4, s. 1202-1227

LOFAJ, F. - SATET, R. - HOFFMANN, M.J. - DE ARELLANO-LÓPEZ, A.: Thermal Expansion and Glass Transition Temperature of the Rare-Earth Doped Exynitride Glasses. Journal of the European Ceramic Society, 24, 2004, s.3377-3385

Zahr.WOS: MACHACEK, J., GEDEON, O., LISKA, M., CHARVATOVA, S.: Journal of Non-Crystalline Solids, 353, 2007, s. 2025-2028

Zahr.WOS: ROUXEL, T.: Journal of the American Ceramic Society, 90, 2007, 10, s. 3019-3039

Scopus: REDINGTON, W., REDINGTON, M., HAMPSHIRE, S.: Materials Science Forum, 554, 2007, s. 25-30

Zahr.WOS: HAKEEM, AS., GRINS, J., ESMAEILZADEH, S.: Journal of the European Ceramic Society, 27, 2007, 16, s. 4783-4787

DŽUBINSKÝ, M. - HUSAIN, Z. - HAAFTEN VAN, W.: Comparison of Recrystallisation Kinetics Determined by Stress Relaxation, Double Hit, Optical Metallography and EBSD Approaches. Materials Characterization, 52, 2004, s.93-102

Scopus: WANG, CF., SHI, J., WANG, MQ., HUI, WJ., DONG, H.: Journal of Iron and Steel Research, 19, 2007, 4, s. 6-11

PARILÁK, Ľ. - DUDROVÁ, E. - BIDULSKÝ, R. - KABÁTOVÁ, M.: Quantification of Metal Powder Compressibility in Uniaxial Compaction. In: Powder Metallurgy World Congress and Exhibition. Euro PM 2004. Vol. 1. Viedeň, 17.-21.10.2004. Ed. H.Danninger, R.Ratzi. EPMA 2004, s.593-598

Dom.iné: SIMKULET, V.: Výrobné inžinierstvo, 6, 2007, 4, s. 51-54

HVIZDOŠ, P. - KAŠIAROVÁ, M. - DUSZA, J. - HNATKO, M. - ŠAJGALÍK, P.: Mechanical Properties of Si₃N₄/SiC Nanocomposites Studies by Instrumented Indentation with Spheres. Journal of the European Ceramic Society, 24, 2004, s.3345-3350

Zahr.WOS: ZOU, B., HUANG, CZ., CHEN, M.: Acta Materialia, 55, 2007, 12, s. 4193-4202

ORIŇÁKOVÁ, R. - ŠUPICOVÁ, M. - ARLINGHAUS, H. - **KUPKOVÁ, M.** - VERING, G. - ORIŇÁK, A.: Corrosion Behaviour of Coated Cellular Material. Surface and Interface Analysis, 36, 2004, s.784-787

Zahr.iné: FEČKOVÁ, Z.: Journal of Metals, Materials and Minerals, 17, 2007, 1, s. 41-46

Zahr.iné: GRAMS, J.: New Trends and Potentialities of TOF-SIMS in Surface Studies. New York : Nova Sci.Publ., 2007

LOFAJ, F. - DÉRIANO, S. - LEFLOCH, M. - ROUXEL, T. - HOFFMANN, M.J.: Structure and Rheological Properties of the RE-Si-Mg-O-A (RE=Sc, Y, La, Nd, Sm, Gd, Yb and Lu) Glasses. Journal of Non-Crystalline Solids, 344, 2004, s.8-16

Zahr.WOS: DOLEKCEKIC, E., POMEROY, MJ., HAMPSHIRE, S.: Journal of the European Ceramic Society, 27, 2007, 2/3, s. 893-898

Zahr.WOS: MACHACEK, J., GEDEON, O., LISKA, M., CHARVATOVA, S.: Journal of Non-Crystalline Solids, 353, 2007, s. 2025-2028

Zahr.WOS: SUKENAGA, S., NAKATA, D., ICHIKI, T., SAITO, N., NAKASHIMA, K.: Journal of the Japan Institute of Metals, 71, 2007, 11, s. 1050-1056

ŽURIŠIN, J. - ŽURIŠINOVÁ, K. - **OROLÍNOVÁ, M.** - **SAKSL, K.**: Effect of the MgO Particles on the Nanocrystalline Copper Grain Stability. Materials Letters, 58, 2004, s.3796-3801

Zahr.WOS: MILLETT, PC., SELVAM, RP., SAXENA, A.: Acta Materialia, 55, 2007, 7, s. 2329-2336

ORIŇÁKOVÁ, R. - **KUPKOVÁ, M.** - **DUDROVÁ, E.** - **KABÁTOVÁ, M.** - ŠUPICOVÁ, M.: The Role of Coating in the Cellular Material Preparation. Chemical Papers, 58, 2004, s.236-241

Zahr.WOS: PAULSDORF, J., WIEMHOFER, HD., ORINAK, A., ZÁMOSTNÝ, P., BELOHLAV, Z., BAXTER, D.: Central European Journal of Chemistry, 5, 2007, 1, s. 271-290

Zahr.iné: FEČKOVÁ, Z.: Journal of Metals, Materials and Minerals, 17, 2007, 1, s. 41-46

ŠALAK, A. - **SELECKÁ, M.** - DANNINGER, H.: Machinability of Powder Metallurgy Steels. Cambridge : Interscience Publ., 2005, 536 s.

Dom.iné: VASILKO, K.: Analytická teória trieskového obrábania. Prešov : FVT TU, 2007. 338 s. ISBN 978-80-8073-759-7

Zahr.WOS: ROBERT-PERRON, E., BLAIS, C., PELLETIER, S.: Materials Science and Engineering A, 458, 2007, 1/2, s. 195-201

Zahr.WOS: ROBERT-PERRON, E., BLAIS, C., PELLETIER, S.: Metallurgical and Materials Transactions A, 38, 2007, 6, s. 1337-1342

SIDOR, J. - **KOVÁČ, F.**: Microstructural Aspects of Grain Growth Kinetics in Non-Oriented Electrical Steels. Materials Characterization, 55, 2005, s.1-11

Scopus: TIAN, Q., XI, HZ., XU, Z., LI, M.: Journal of Northeastern University, 28. 2007, s. 127-131+135

ŠUPICOVÁ, M. - ORIŇÁKOVÁ, R. - **KUPKOVÁ, M.** - **KABÁTOVÁ, M.**: Electrolytical Modification of Fe Hollow Spheres by Cu, Ni and Ni-Cu Binary Coating. Surface and Coating Technology, 195, 2005, s.130-137

Zahr.WOS: PAULSDORF, J., WIEMHOFER, HD., ORINAK, A., ZÁMOSTNÝ, P., BELOHLAV, Z., BAXTER, D.: Central European Journal of Chemistry, 5, 2007, 1, s. 271-290

LOFAJ, F. - **DORČÁKOVÁ, F.** - HOFFMANN, M.J.: The Effect of Nitrogen on Viscosity of La-Si-Mg-O-A Glasses by Compressive Creep and Dilatometry. Journal of Materials Science, 40, 2005, s.47-51

Zahr.WOS: DAI, W., LIN, W., YAMAGUCHI, A., OMMYOJI, J., YU, J., ZOU, Z.: Journal of the Ceramic Society of Japan, 115, 2007, 1337, s. 42-46

DUDROVÁ, E. - **KABÁTOVÁ, M.** - **BIDULSKÝ, R.** - WRONSKI, A.S.: Processing, Microstructure and Mechanical Properties of Fe-3%Mn-0,7[0,6]%C Sintered Steels. In: PM Auto 05. 4th International Conference on Powder Metallurgy for Automotive Parts. Isfahan, 17.-21.4.2005. Ed. A.Aravad, H.Danninger. Mashad Powder Metallurgy Co. 2005, s.68-77

Zahr.WOS: DANNINGER, H., GIERL, C.: International Journal of Materials and Product Technology, 28, 2007, 3/4, s. 338-360

KOVAL, V. - REECE, M.J. - BUSHBY, A.: Ferroelectric/Ferroelastic Behaviour and Piezoelectric Response of Lead Zirconate Titanate Thin Films under Nanoindentation. Journal of Applied Physics, 97, 2005, s.074301-1-7

Zahr.WOS: SRIRAM, S., BHASKARAN, M., HOLLAND, AS.: Journal of Applied Physics, 101, 2007, 10, Art.No. 104910

Zahr.WOS: ELISEEV, EA., KALININ, SV., JESSE, S.: Journal of Applied Physics, 102, 2007, 1, Art.No. 0141109

BIDULSKÝ, R. - DUDROVÁ, E. - KABÁTOVÁ, M.: Compressibility and Microstructure of Fe-3Mn-[0,3/0,7]C Powder Systems. In: RoPM 2005. 3rd International Conference on Powder Metallurgy. Vol. 1. Sinaia, 7.-9.7.2005. Ed. R.L.Orban. Cluj-Napoca : TU 2005, s.479-483

Dom.iné: SIMKULET, V.: Výrobné inžinierstvo, 6, 2007, 4, s. 51-54

ZIMOVČÁK, P. - KOVES, T. - DUSZA, J. - CHALVET, F. - PORTU, G.: Residual Stresses in Al₂O₃-ZrO₂ Laminar Systém. Key Engineering Materials, 290, 2005, s.264-267

Zahr.WOS: CENIGA, L.: Journal of Materials Science, 42, 2007, 4, s. 1202-1227

ČERNÝ, M. - BEDNÁŘOVÁ, D. - GLOGAR, P. - DUSZA, J. - RUDNAYOVÁ, E.: Mechanical and Fracture Properties of R-Glass Reinforced Composites with Pyrolysed Polysiloxane Resin as a Matrix. Key Engineering Materials, 290, 2005, s.344-347

Zahr.WOS: RYGLOVA, S., SUCHARDA, Z., BALÍK, K.: Ceramics-Silikáty, 51, 2007, 2, s. 89-93

BESTERCI, M. - VELGOSOVÁ, O.: The Influence of Volume Fractions of Particles on Enhanced Plasticity of Al-Al₄C₃ Composites. Kovové materiály, 43, 2005, 3, s.229-237

Dom.WOS: TROJANOVÁ, Z., LUKÁČ, P., SZARAZ, Z.: Kovové materiály, 45, 2007, 6, s. 283-291

SELECKÁ, M. - KERESTI, R.: Effect of Manganese on friction Properties of Hybrid Sintered Fe-1,5Mo-C Steel. In: Deformation and Fracture in Structural PM Materials. DF PM 2005. International Conference. Stará Lesná, 27.-30.9.2005. Ed. L.Parilák, H.Danninger. Košice : ÚMV SAV 2005, s.284-291

Dom.iné: SIMKULET, V.: Materiálové inžinierstvo, 14, 2007, 3, s. 220-222

KMECOVÁ, M. - MEDVECKÝ, L. - BRIANČIN, J. - BRUNCKOVÁ, H.: PZT Ceramics Prepared from Mechanically Activated Calcinate. Ferroelectrics, 319, 2005, s.35-44

Zahr.WOS: RAMAM, K.: Physica Status Solidi A, 204, 2007, 7, s. 2470-2478

DANNINGER, H. - PÖTTSCHECHER, R. - BRADAC, S. - ŠALAK, A. - SEYRKAMMER, J.: Comparison of Mn, Cr and Mo Alloyed Sintered Steels Prepared from Elemental Powders. Powder Metallurgy, 48, 2005, 1, s.23-32

Scopus: SICRE-ARTALEJO, J., CAMPOS, M., MARCU, T., TORRALBA, JM.: Materials Science Forum, 534-536, 2007, s. 697-700

Zahr.WOS: MacASKILL, IA., BISHOP, DP.: Journal of Materials Science, 42, 2007, 12, s. 4149-4158

DIKO, P. - KRAČUNOVSKÁ, S. - CENIGA, L. - BIERLICH, J. - ZEISBERGER, M. - GAWALEK, W.: Microstructure of Top Seeded Melt-Grown YBCO Bulks with Holes. Superconductor Science and Technology, 18, 2005, s.1400-1404

Zahr.WOS: NOUDEM, JG., MESLIN, S., HORVATH, D., HARNOIS, C., CHATEIGNER, D., EVE, S., GOMINA, M., MURAKAMI, M.: Physica C, 463, 2007, s. 301-307

Zahr.WOS: NOUDEM, JG., MESLIN, S., HORVATH, D.: Journal of the American Ceramic Society, 90, 2007, 9, s. 2784-2790

DORČÁKOVÁ, F. - JAN, V. - ŠPAKOVÁ, J. - DUSZA, J.: Indentation Creep in Advanced Ceramics Research. In: Lokálne mechanické vlastnosti 2005. 2. slovensko-český seminár. Vzťah inštrumentovanej skúšky tvrdosti k iným skúškam a vlastnostiam. Košice, 14.-15.11.2005. Košice : TU 2005, s.CD-ROM

Zahr.WOS: MENCIK, J.: Meccanica, 42, 2007, 1, s. 19-29

BIDULSKÝ, R. - RODZIŇÁK, D.: Vplyv speňovania povrchu na únavové vlastnosti spekanej ocele na báze Fe legovanej Cr a Mo s prídavkom 0,5%C. In: Letná škola únavy materiálov 2006. 8. Ročník. Žilina - Strečno, 4.-8.9.2006. Žilina : SĽF ŽU 2006, s.172-175

Dom.iné: SIMKULET, V.: Materiálové inžinierstvo, 14, 2007, 3, s. 220-222

BIDULSKÝ, R. - RODZIŇÁK, D. - GUZANOVÁ, A. - BREZINOVÁ, J.: Vplyv speňovania povrchu na odolnosť spekanej ocele proti únavovému porušeniu. Acta Metallurgica Slovaca, 12, 2006, s.54-58

Zahr.iné: MIHALIKOVÁ, M.: Journal of Metals, Materials and Minerals, 17, 2007, 1, s. 25-28

- BARINOV, S.M. - RAU, J. - NUNZIANTE CESARO, S. - **ĎURIŠIN, J.** - FADEEVA, I. - FERRO, D. - **MEDVECKÝ, Ľ.** - TRIONFETTI, G.: Carbonate Release from Carbonated Hydroxyapatite in the Wide Temperature Range. Journal of Materials Science: Materials in Medicine, 17, 2006, s.597-604
Zahr.WOS: BUZNIK, VM., KOZLOVA, SG., GABUDA, SP.: Doklady Chemistry, 413, 2007, s. 64-67
- ŠAJGALÍK, P. - LENČEŠ, Z. - **DUSZA, J.**: Layered Composites with Self-Diagnostic Ability. Composites B, 37, 2006, s.515-523
Zahr.WOS: AMBROZIC, M., KOSMAC, T.: Journal of the American Ceramic Society, 90, 2007, 5, s. 1545-1550
- MEDVECKÝ, Ľ.** - KMECOVÁ, M. - SAKSL, K.: Study of $PbZr_{0.53}Ti_{0.47}O_3$ Solid Solution Formation by Interaction of Perovskite Phases. Journal of the European Ceramic Society, 27, 2007, s.2031-2037
Scopus: HE, L., PENG, G., YANG, W., ZHENG, C., YU, J., WANG, Y.: Chinese Journal of Semiconductors, 28, 2007, 5, s. 711-716
- LUBE, T. - **DUSZA, J.**: A Silicon Nitride Reference Material - a Testing Program of ESIS TC6. Journal of the European Ceramic Society, 27, 2007, s.1203-1209
Zahr.WOS: RUDOLPHI, M., MARKWITZ, A., BAUMANN, H.: Surface and Interface Analysis, 39, 2007, 8, s. 698-701
- SIDOR, J.** - **KOVÁČ, F.** - KVAČKAJ, T.: Grain Growth Phenomena and Heat Transport in Non-Oriented Electrical Steels. Acta Materialia, 55, 2007, s.1711-1722
Zahr.WOS: OYARZABAL, M., GURRUCHAGA, K., MARTINEZ-DE-GUERENU, A.: ISIJ International, 47, 2007, 10, s. 1458-1464
- KOLLÁROVÁ, M.** - **DŽUPON, M.** - LEŠKO, A. - **PARILÁK, Ľ.**: Formation of Outburst Structure in Hot Dip Galvannealed Coatings on IF Steels. Metalurgija, 46, 2007, 1, s.9-14
Zahr.WOS: DOHIE, JS., CAHOON, JR., CALEY, WF.: Journal of Phase Equilibria and Diffusion, 28, 2007, 4, s. 322-327
- DUDROVÁ, E.** - MITCHELL, S.C. - **KABÁTOVÁ, M.** - WRONSKI, A.S. - **BIDULSKÝ, R.**: Microstructure Development in Fe-Mn-C Compacts Resulting from Step Sintering. Acta Metallurgica Slovaca, 13, 2007, spec.iss., s.787-794
Dom.iné: ROSENBERG, G.: Transfer 2007. Využívanie nových poznatkov v strojárskkej praxi. 9. Medzinárodná vedecká konferencia. Trenčín, 18.-19.9.2007. Trenčín : FŠT TU, 2007, s. 419-422
- JAKUBÉCZYOVÁ, D.** - HAGAROVÁ, M. - **FÁBEROVÁ, M.**: Štúdium tenkých PVD-vrstiev aplikovaných na nástrojovú PM oceľ. In: Metal 2007. 16. Mezinárodní konference metalurgie a materiálů. Hradec nad Moravicí, 22.-24.5.2007. Ostrava : Tanger 2007, s.CD-ROM
Dom.iné: SAVKOVÁ, J., MRVA, P., KOTTFER, D.: Acta Mechanica Slovaca, 11, 2007, 4-C, s. 231-236
- KUPKOVÁ, M.** - KUPKA, M. - STROBL, S. - ČERNÝ, M. - KHATIBI-DAMAVANDI, G. - GIERL, C.: On a Discrepancy in Modulus of Elasticity as Determined from Separate Resonance Frequencies of a Bar Sintered from Copper-Coated Iron Powder. Scripta Materialia, 57, 2007, s.639-642
Dom.iné: ROSENBERG, G.: Transfer 2007. Využívanie nových poznatkov v strojárskkej praxi. 9. Medzinárodná vedecká konferencia. Trenčín, 18.-19.9.2007. Trenčín : FŠT TU, 2007, s. 419-422
- BIDULSKÝ, R.** - **DŽUNDA, R.**: Powder Properties, Compacting and Green Characterization. Design and Capabilities of PM Components and Materials. A Residential Training Course for Young Materials/Design Engineers. Laboratory Work. Košice, 23.6.-1.7.2007. Košice : ÚMV SAV 2007, s.9-15
Dom.iné: SIMKULET, V.: Výrobné inžinierstvo, 6, 2007, 4, s. 51-54