

PŘÍLOHA č. 1

ke Smlouvě o využití výsledků řešení výzkumného záměru

MSM 2631691901

I. Články v impaktovaných časopisech světové databáze ISI

1. **P. Lukáč, K. Turba, P. Málek, M. Cieslar**: Deformation behaviour of ultrafine-grained 7075 aluminium alloy, *Int. J. Mater. Res. (Zeitschrift für Metallkunde)* 100, 2009, 847 – 850.
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3. **J. Zrník, T. Kovarik, Z. Nový, M. Cieslar**: Ultrafine grained structure development and deformation behaviour of aluminium processed by constrained groove pressing, *Materials Science and Engineering A* 503 (2009) 126 - 129.
4. **M. Slamova, P. Slama, P. Homola, J. Uhlir, M. Cieslar**: Multilayer composite Al99.99/AlMg3 sheets prepared by accumulative roll bonding, *Int. J. of Materials Research*, 100 (2009) 6, 858 - 862 .
5. **P. Homola, M. Slamova, P. Slama, M. Cieslar, M. Karlik**: Preparation of ultrafine grained twin roll cast AlMg3 sheets by accumulative roll bonding, *Int. J. of Materials Research*, 100 (2009) 6, 863 - 867.
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II. Články v recenzovaných neimpaktovaných časopisech

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9. **J. Zrník**, I. Mamuzič, S.V. Dobatkin, O. Stejskal, **L. Kraus**: Low carbon steel processed by equal channel angular warm pressing, *Metallurgia*, 46 (2007) 1, 21 - 27.
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III. Články ve sbornících

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3. **J. Zrník**, S. Scheriau, R. Pippan: Ultrafine grain structure of medium carbon steel prepared by HPT severe plastic deformation method, *Conference proceedings NANOCON 2009, Rožnov pod Radhoštěm, 20-22.10. 2009*, p. 96. ISBN 978-80-87294-13-0.
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21. **J. Drnek, J. Zrník, Z. Nový, B. Masek**: Constrained groove pressing of aluminium plates, Nanoved 2006 - Nenamat, International conference, May 2006, Stara Lesná, SR, 39.
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IV. Knihy (Vedecká publikace)

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Příprava ultrajemnozrnných a nanokrystalických kovových materiálů extrémní plastickou deformací a jejich vlastnosti, 1 - 75. (Česká společnost pro nové materiály technologie, červen 2007) ISBN 978-80-7329-153-2

V. Ověřené technologie

1. Technologie úhlového protlačování kanálem konstantního průřezu (2007)
Autoři: J. Zrník, T. Jíra, M. Zemko - TTZ - 2007/05 (interní kód produktu)
2. Technologie objemového tváření v ozubených kovádlech (2007)
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3. Tváření kovových profilů technologií ECAP (2009)
Autoři: Z. Nový, J. Zrník, M. Zemko, T. Jíra - PM - 2009/01

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V Dobřanech 30. 6. 2010