

1. L. Tóth, R.E. Fábíán, P. Pinke, T.A. Kovács, M. Nabiałek, A.V. Sandu, P. Vizureanu, Comparison of the Properties of Cold Work Tool Steels with the Same Hardness but Different Manufacturing Processes [full text PDF](#)
2. V. Petkov, P. Tashev, V. Dyakova, Analysis of the Processes in the Welding Arc during Additive Manufacturing [full text PDF](#)
3. M. Emami, S.H. Elahi, Controlling Dilution in Multilayer Welding for Additive Manufacturing [full text PDF](#)
4. Ooi Wan-En, Liew Yun-Ming, M.M. Al Bakri Abdullah, Ong Shee-Ween, Hang Yong-Jie, Tee Hoe-Woon, Lim Jia Ni, A Prefatory Sustainability Assessment of One-Part Geopolymers [full text PDF](#)
5. M. Shahib Al Bari, Januarti J. Ekaputri, The Effect of Fiber on the Green Strength and Buildability of High-Strength 3D Printing Concrete [full text PDF](#)
6. Z. Yang, W. Liang, L. Hu, H. Wang, Tribological Behaviors of Oxynitride Coating on TC4 Alloy Prepared by Double Glow Technology [full text PDF](#)
7. A. Loganathan, Z. Kamdi, A.R. Ainuddin, R. Husin, A. Ibrahim, M.A.A.M. Salleh, Microstructure Characterisation, Hardness, and Corrosion Behaviour of Nickel-Silicon Carbide Electrodeposition Coating with the Influence of Ultrasonic Agitation [full text PDF](#)
8. M. Yadav, J.K. Saha, S.K. Ghosh, Evaluation of Corrosion Behaviour of Galvanised, Galvalume and Colour-Coated Steel Sheets [full text PDF](#)
9. A.A. Khan, M.S. Kaise, Wear Properties Analysis on Al-Based Automotive Alloy with Varied Levels of Si in Dry, 3.5% NaCl and Seawater Corrosive Environments [full text PDF](#)
10. A. Djordjević, M. Zečević, D. Minić, M. Kolarević, D. Manasijević, V. Ristić, Effect of Chemical Composition on the Microstructure, Hardness, and Electrical Conductivity Profiles of the Bi-Ge-X (Ga, Cu, Zn) Alloys [full text PDF](#)
11. M. Ravikumar, R. Naik, R. Suresh, K.Y. Chethana, A Study of Mechanical and Wear Behavior of SiC-CeO₂ Reinforced Al7075 Hot Rolled Hybrid Composites [full text PDF](#)
12. H. Taze, H. Ahlatcı, S. Yaşın, D. Ergin, Y. Türen, Z. Özeşer, F. Birol, S. Tozkoparan, T. Çitrak, Effect of Zinc and Silicon on TriboCorrosive Wear Behaviors of Hot Forged CuZn₃Fe₂Si₃ and CuZn₁₅Si₄ Alloys [full text PDF](#)
13. M.B. Özyiğit, F. Hayat, Y. Kiliç, O. Gündüz, Effect of Boron in Cold Rolled DP Steels; Fundamentals of Metallurgy & General Property Map [full text PDF](#)
14. K. Naplocha, J. Grzęda, O. Trzaska, N. Rażny, A. Dmitruk, Development of Cellular Cast Structures for Improving Heat Transfer in Thermal Energy Storage Systems [full text PDF](#)
15. M.A. Olopade, O.O. Oyebola, R.O. Balogun, A.D. Adewoyin, A.B. Adegboyega, In-Silico Investigation of Photovoltaic Performance of MgXS₃ (X = Ti and Zr) Chalcogenide Perovskites Compounds [full text PDF](#)
16. M.A. Bouchelarm, M. Chafi, A. Boulenouar, N. Benseddiq, Effect of the Material Gradation on the Fracture Trajectory in Ceramic/Metal Functionally Graded Materials [full text PDF](#)
17. Ch. Zhang, Y. Deng, Reductive Leaching Process and Mechanisms of Cadmium from Cadmium-Bearing Zinc Ferrite using Sulfur Dioxide [full text PDF](#)

18. H. Zhang, Z. Guo, Z. Yuan, Indentation Characteristic Strain Determined Based on Metallic Material Damage [full text PDF](#)
19. L. Abdullah, N.M. Apandi, N.M. Sunar, S.N.H. Arifin, M. Haron, R. Nagarajah, K. Cheong, C. Heng, C.F. Soon, M. Nabiałek, The Processing Propagation of Microalgae Botryococcus Sp. Cultivation in Palm Oil Mill Effluent Materials [full text PDF](#)
20. M. Alharbi, H. Althubiani, E. Alarfaj, D. Dastan, A. Timoumi, L. Tao, H. Albetran, Ş. Tãlu, Photocatalytic Performances of Dip-Coated Ag Doped TiO₂ Thin Films [full text PDF](#)
21. M.S. Mohsenzadeh, Justification of the Changes in Work Hardening Exponent Based on Micro-Mechanisms of Deformation in a Plain Carbon Steel [full text PDF](#)
22. H. Wang, N. Zhang, M. Wang, F. Yang, Effect of Particle Size, Lubricant, and Heat Temperature on the Flowability of Ni-Based Powders for Additive Manufacturing [full text PDF](#)
23. S. Kamatchisankaran, A. Bovas Herbert Bejaxhin, K. Ramkumar, N. Ramanan, Influences of Hardened Aluminium HMMC on Tribological, Flexural and Impact Strength of Wheel Rim Element with Prognostications [full text PDF](#)
24. Haiter Lenin A., Srinivasan Murugan, Sujin Jose Arul, Mary Vasanthi S., A Novel Real-Time Assessment of the Wear Analysis of Cu-Ni-Sn Hybrid Composite for Multifunctional Applications Strengthened by Nano B₄C [full text PDF](#)
25. W. Presz, C. Jasiński, M. Orłowska, The Use of UFG Metals Obtained in SPD Processes in the Sheet Metal Microforming [full text PDF](#)
26. S. Senthil Kumar, G. Karthikeyan, K. Panneer Selvam, Optimization of Squeeze Casting Process Parameters on AA8011 Based HMMCs Under NaCl Environment [full text PDF](#)
27. S. Boczkal, M. Węgrzyn, W. Szymański, J. Bem, K. Wala, B. Płonka, D. Leśniak, M. Nowak, Effect of Aging Parameters of EN AW-7021 Aluminium Alloys on Stress Corrosion Cracking [full text PDF](#)
28. V. Haldar, S. Pal, A Metallurgical Study of Micro Plasma Arc Welded Joint of Austenitic Stainless-steel Blank [full text PDF](#)
29. K. Saravanakumar, V.G. Balaji, T. Srija, V. Sanjay, K. Thatchuneswaran, Analysis of Microstructure and Mechanical Properties of Inconel 625 Alloy by Wire Arc Additive Manufacturing (WAAM) [full text PDF](#)
30. Kundurti Sai Chand, Ambuj Sharma, Friction-Assisted Additive Manufacturing (FAAM) for Multistack Aluminum AA6061-T6/AA7075-T6 Armor Plates: Numerical Investigation, Fabrication, and Characterization [full text PDF](#)
31. Z. Belamri, L. Chetibi, Synthesis of Superhydrophobic Metal Coating Based on Nanostructured ZnO Thin Films in One Step: Effect of Solvents [full text PDF](#)
32. N. Nurlina, M.N. Alief, Z. Rahmawati, S.D. Nurherdiana, T.E. Susanto, H. Fansuri, Compressive Strength and Water Flux Performance of Type C and Type F Fly Ash-Based Geopolymer Membrane [full text PDF](#)
33. A. Vaško, V. Zatkáliková, M. Uhrčík, V. Kaňa, Corrosion Resistance of Austenitic NiMn-Nodular Cast Iron in NaCl Solution [full text PDF](#)
34. L. Pastierovičová, L. Kuchariková, E. Tillová, V. Zatkáliková, M. Uhrčík, T. Liptáková, M. Chalupová, Effect of Mn Addition on the Corrosion and Fatigue Properties of a Progressive Secondary A357 Alloy [full text PDF](#)
35. I. Vasková, D. Fecko, P. Delimanová, L. Jankovčín, M. Hrubovčáková, Influence of Shape of Gating System on Pouring Time and Filling of a Sprue with the Use of MAGMA5 Optimization [full text PDF](#)

36. D. Bolibruchová, M. Sýkorová, M. Chalupová, Temperature of Precipitation Hardening and its Effect on Mechanical and Physical Properties of Zr Containing AISi5Cu2Mg Alloy [full text PDF](#)
37. M. Brůna, M. Galčík, M. Medňanský, J. Kasińska, Unconventional Elements in the Gating System and Their Influence on the Melt Flow and Casting Quality [full text PDF](#)
38. T. Hamryszczak, Hot Rolling of HSLA Steels - a Review of Recent Studies [full text PDF](#)
39. K.A. Abdul Halim, M.A.A. Mohd Salleh, M.M.A Abdullah, A.A. Rozaimi, F. Badrul, A.F. Osman, M.F. Omar, M.S. Zakaria, B. Jež, Tensile Properties And Electrical Conductivity Of Linear Low-Density Polyethylene (LLDPE)/Carbon Black Conductive Polymer Composites (CPCs) : Effect Of Compounding Parameters [full text PDF](#)
40. M.M. Ahmad, R.A. Razak, M.M. Al Bakri Abdullah, K. Muhamad, A.O. Mydin, A.V. Sandu, Stabilization of Lateritic Soil using Fly Ash Based Geopolymer [full text PDF](#)
41. S.S. Majeed, Md Azree O. Mydin, R. Omar, R.A. Razak, M.M. Al Bakri Abdullah, S. Ishak, Effect of Fibre Mercerization on Strength Properties of Agave Cantula Roxb. Strengthen Foamed Concrete [full text PDF](#)
42. S.S. Majeed, Md Azree O. Mydin, M.M. Al Bakri Abdullah, R. Omar, R. Ahmad, P. Pietrusiewicz, Engineering Properties of Foamed Concrete Reinforced with Sustainable Bamboo Fibre [full text PDF](#)
43. A.I. Anuar, N. Parimin, N.A. Ahad, M.N. Derman, S. Garus, P. Vizureanu, High Temperature Isothermal Oxidation at 950 °C of Ni-based Fe-40Ni-24Cr Alloy [full text PDF](#)
44. S.H.M. Salleh, R.A. Malek, N.H.A. Zaidi, S.S.C. Abdullah, A. Khantachawana, K. Błoch, Effect of Tin (Sn) Addition on the Corrosion Behavior of Hydroxyapatite (HAP) Coated Mg/MgSn Alloys using Different Coating Methods [full text PDF](#)
45. M.N. Salleh, R.A. Aziz, R. Shan Chen, L. Musa, N.N. Juhardi, Tan Mei Ai, M.F.S.A. Razak, P. Chaowana, B. Jež, Enhancing Mechanical and Flammability Properties of Rice Husk-Reinforced Recycled High-Density Polyethylene Composites through Chemical Treatment [full text PDF](#)
46. Ł. Dudkiewicz, M.R. Hawryluk, T. Szymańska, S. Polak, J. Ziemba, Z. Gronostajski, Application of Numerical Simulations for a Multi-Variant Analysis of the Construction of Tools Assigned for Hot Precision Forging of Small Size Forgings in Multiple Systems [full text PDF](#)
47. D. Cristisor, D.-L. Chicet, B. Istrate, C. Stescu, C. Munteanu, Influence of TiO₂ Alloying Percentage on the Morphology of APS-deposited Coatings from Cr₂O₃ Powders [full text PDF](#)
48. T. Puszczalo, H. Purzyńska, M. Srok1, K. Sówka, A. Zieliński, The Microstructural Evolution of the Welded Joint of Super 304H Stainless Steel after 1000 Hours of Ageing at 700 and 750 °C [full text PDF](#)
49. S. Shahari, M.F. Ghazali, M.M. Al Bakri Abdullah, Ch. Lih Tan, M.T.M. Faheem, V.E.B. Darmawan, Effects of Dolomite Geopolymer Filler on Mechanical Properties of Glass Fibre Reinforced Epoxy Composite [full text PDF](#)
50. S. Rangrej, S. Pandya, J. Menghani, Investigation on the Microstructure, Microhardness and Tensile Strength of Stir-Casted A713-TiB₂ Composites [full text PDF](#)
51. B. Keskin, B. Derin, Thermodynamic Investigation of Propagating Behavior in SHS for Equiatomic and Non-Equiatomic NiTi Alloys Using Factsage Software [full text PDF](#)

