

1. Sung Cheol Park, Yeon Jae Jung, SeokBon Koo, Kee-Ahn Lee, Seong Ho Son, A Study on the Durability of Dimensionally Stable Electrode in High-Rate Electroplating Process Condition Using Accelerated Life Test [full text PDF](#)
2. Min Chul Oh, Byungmin Ahn, Development of Admixed Lubricant for Warm Die and Warm Compaction of High-Density PM Iron [full text PDF](#)
3. Yeong-Woo Cho, Jae-Jin Sim, Sung-Gue Heo, Hyun-Chul Kim, Yong-Kwan Lee, Jong-Soo Byeon, Yong-Tak Lee, Kee-Ahn Lee, Seok-Jun Seo, Kyoung-Tae Park, Effects of ZrO₂ and Al₂O₃ Addition on the Physical Properties of Cu-Mo-Cr Alloy by Liquid Phase Sintering [full text PDF](#)
4. Yeong-Jin Woo, Dong-Ho Nam, Seok-Rok Lee, Eun-Ah Kim, Woo-Jin Lee, Dong-Yeol Yang, Ji-Hun Yu, Yong-Ho Park, Hak-Sung Lee, High-Efficiency Cooling System Using Additive Manufacturing [full text PDF](#)
5. Young-Ok Yoon, Seong-Ho Ha, Abdul Wahid Shah, Bong-Hwan Kim, Hyun-Kyu Lim, Shae K. Kim, Influence of Si Addition on Oxide Growth of Al-6 mass%Mg Alloy Melts [full text PDF](#)
6. Seong-Ho Ha, Abdul Wahid Shah, Bong-Hwan Kim, Young-Ok Yoon, Hyun-Kyu Lim, Shae K. Kim, Effect of Cu Addition on Oxide Growth of Al-7 mass%Mg Alloy at High Temperature [full text PDF](#)
7. Minsu Kim, Ashutosh Sharma, Myoung Jin Chae, Hansung Lee, Byungmin Ahn, Microstructural Evolution of AlCuFeMnTi-0.75Si High Entropy Alloy Processed by Mechanical Alloying and Spark Plasma Sintering [full text PDF](#)
8. Yun Taek Ko, Mijeong Park, Jingyeong Park, Jaeyun Moon, Yong-Ho Choa, Young-In Lee, Morphology Control of One-Dimensional Gallium Nitride Nanostructures by Modulating the Crystallinity of Sacrificial Gallium Oxide Templates [full text PDF](#)
9. Kyoung-Wook Kim, Young-Kyun Kim, Sun-Hong Park, Kee-Ahn Lee, Laser Cladding of WC/T-800 Cermet: Fabrication, Microstructure and Wear Properties [full text PDF](#)
10. Seung-Hyeok Shin, Sang-Gyu Kim, Byoungchul Hwang, Application of Artificial Neural Network to Predict the Tensile Properties of Dual-Phase Steels [full text PDF](#)
11. Won Young Heo, Sung Hwa Bae, Injoon So, Enhanced Energetic Performance of Polyvinylidene Fluoride-Coated Zirconium Particle [full text PDF](#)
12. Suhwan Yoo, Jung-Min Oh, Jaeyeol Yang, Jaesik Yoon, Jae-Won Lim, Effect of Impurity Reduction on Mechanical Properties of Fe_{29.5}Ti_{70.5} Alloy Prepared by Pretreated Ti Scraps [full text PDF](#)
13. Yongwook Song, Daeyoung Kim, Seungjin Nam, Kee-Ahn Lee, Hyunjoon Choi, Effect of Milling Duration on Oxide-Formation Behavior of Oxide-Dispersion-Strengthened High-Entropy Alloys [full text PDF](#)
14. Jinyong Shim, Jinhyun Lee, Bongyoung Yoo, Selective Cu Electrodeposition on Micrometer Trenches Using Microcontact Printing and Additives [full text PDF](#)
15. Jei-Pil Wang, A Novel Process for Recovery of Key Elements from Commercial Cathode Material of End-of-Life Lithium-Ion Battery [full text PDF](#)
16. Kwangmin Lee, Daeheung Yoo, Ahmad Zakaryuddin, Loading Effect of Ag Nanoparticles on Photocatalytic Activity of TiO₂ Nanorod Arrays Prepared by Hydrothermal Method [full text PDF](#)
17. Sung Yeon Ryu, Hee Ju Yun, Min Hwan Lee, Byung Joon Choi, Growth Temperature

Effect of Atomic-Layer-Deposited GdOx Films

[full text PDF](#)

18. Gwanghun Kim, Junhyub Jeon, Namhyuk Seo, Seunggyu Choi, Min-Suk Oh, Seung Bae Son, Seok-Jae Lee, Effect of Sintering Holding Time and Cooling Rate on the Austenite Stability and Mechanical Properties of Nanocrystalline FeCrC Alloy

[full text PDF](#)

19. Sang-Hyeon Jo, Seong-Hee Lee, Change In Microstructure and Mechanical Properties Of Four-Layer Stack ARB Processed Complex Aluminum Sheet with Annealing

[full text](#)

[PDF](#)

20. Young-Sang Cho, Sohyeon Sung, Synthesis of Silica Microspheres Containing Iron Oxide Nanoparticles for Removal of Organic Pollutant by Adsorption and Photocatalytic Decomposition

[full text PDF](#)

21. Ji Eun Lee, Soo Bin Bae, Nam Choon Cho, Hyung Ik Lee, Zicheng Meng, Kee Sung Lee, Evaluating the Durability of SiC-Coated Carbon Composites Under Thermal Shock Conditions

[full text PDF](#)

22. Min Sang Kim, Dae Young Kim, Young Do Kim, Hyun Joo Choi, Se Hoon Kim, Effect of Fe-Mn Solid Solution Precursor Addition on Modified AA 7075

[full text PDF](#)

23. Yuri Kim, Hoseong Rhee, Si Young Chang, Microstructural Characteristics of Ti-Al-Dy Alloy Produced by High Energy Ball Milling

[full text PDF](#)

24. Goo-Won Roh, Eun-Soo Park, Jaeyun Moon, Hojun Lee, Jongmin Byun, Direct Energy Deposition of Mo Powder Prepared by Electrode Induction Melting Gas Atomization

[full](#)

[text PDF](#)

25. Hyeonhui Jo, Young-In Lee, Myung-Jin Suk, Young-Keun Jeong, Sung-Tag Oh, Synthesis of Y2O3-Dispersed W Powders Prepared by Ultrasonic Spray Pyrolysis and Polymer Solution Route

[full text PDF](#)

26. P. Sharief, B. Madavali, Y. Sohn, J.H. Han, G. Song, S.H. Song, S.J. Hong, Reduction of Thermal Conductivity Through Complex Microstructure by Dispersion of Carbon Nanofiber in p-Type Bi0.5Sb1.5Te3 Alloys

[full text PDF](#)

27. Urtnasan Erdenebold, Jei-Pil Wang, Chemical and Mineralogical Analysis of Reformed Slag During Iron Recovery from Copper Slag in the Reduction Smelting

[full text PDF](#)

28. Nanfu Zong, Tao Jing, Yang Liu, Comparative Studies on a Chamfer Technology and a Convex Roll Technology During the Soft Reduction Process

[full text PDF](#)

29. G. Selvakumar, S. Ram Prakash, K. Rajkumar, Evaluation of the Mechanical and Electrical Properties of Spark Plasma Sintered Titanium Carbide Reinforced Alumina Ceramic Composite

[full text PDF](#)

30. Sadegh Varmaziar, Hossein Mostaan, Mahdi Rafiei, Mahdi Yeganeh, Welding and Corrosion Behavior of AISI H13 Welds: The Effect of Filler Metal on the Microstructural Evolutions

[full text PDF](#)

31. Candan Sen Elkoca, Bulent Ekmekci, Oktay Elkoca, A study on the Surface Roughness of Galvannealed Low Carbon Al-Killed and Ti-Nb Stabilized Interstitial Free Steels

[full](#)

[text PDF](#)

32. D. Soboń, Effect of Laser Surface Melting on Microstructure of Cold Sprayed Ni20Cr Coatings

[full text PDF](#)

33. K. Skibińska, S. Semeniuk, D. Kutyła, K. Kołczyk-Siedlecka, A. Jędraczka, P. Żabiński, Study on Synthesis and Modification of Conical Ni Structures by One-Step Method

[full](#)

[text PDF](#)

34. D. Paulraj, P.D. Jeyakumar, G. Rajamurugan, P. Krishnasamy, Influence of nano TiO2/Micro (SiC/B4C) Reinforcement on the Mechanical, Wear and Corrosion Behaviour of

A356 Metal Matrix Composite

[full text PDF](#)

35. S.M. Senthil, S. Ragu Nathan, R. Parameshwaran, M. Bhuvanesh Kumar, Comparative Study on Mechanical Performances of Circular and Flat Geometry Welds in Friction Stir Welding of Aluminium Alloy

[full text PDF](#)

36. A. Mohan Kumar, R. Rajasekar, V. Karthik, S. Kheawhom, Optimization of Process Parameters of Ultrasonic Welding on Dissimilar Metal Joints

[full text PDF](#)

37. M. Harikrishna Kumar, Shankar Subramaniam, Rajasekar Rathanasamy, Samir Kumar Pal, Sathish Kumar Palaniappan, Influence of Dual Filler Reinforcement on the Curing and Tribo-Mechanical Behaviour of Natural Rubber Nanocomposite for Tire Tread Application

[full text PDF](#)

38. Moganapriya Chinnasamy, Rajasekar Rathanasamy, Gobinath Velu Kaliyannan, Prabhakaran Paramasivam, Saravana Kumar Jaganathan, A Frontier Statistical Approach Towards Online Tool Condition Monitoring and Optimization for Dry Turning Operation of SAE 1015 Steel

[full text PDF](#)

39. R. Jagadeeswari, P. Selvakumar, V. Jeevanantham, R. Saravanan, Chemically Modified Cellulose Capped Zinc Oxide Nanocomposite: Spectral and Optical Properties

[full text](#)

[PDF](#)

40. Musa Kiliç, Microstructural Characterization of Ni-Based B4C Reinforced Composite Coating Produced by Tungsten Inert Gas Method

[full text PDF](#)