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PROJECTS IN 2014

Completed and Ongoing Research Projects

1. “Coating calcite with TiO₂ pigment and developing a functional material for use in water-based paints”, TÜBİTAK 1005
2. “Ace Removal from Emet Colemanite Ore by Heat Treatment and Enriched Calcined Powder Colemanite”, (BOREN-2014-Ç0426), Boren project
3. “Investigation of Industrial Usability of Silica Sand to be Obtained from Alacaağzı and Pollution Sandstones and Development of Prototype Process Manufacturing” TÜBİTAK-TEYDEP 1501 Project, No: 2130623 ”
4. “Development of High Field Severe Age Magnetic Separator with Natural Magnets”, SANTEZ Project
5. “Recovery of Precious Metals in Computer Motherboards Covered by Electronic Waste”
6. “High Quality Nanofiber Production from Fiber Structured Sepiolite and AFM Supported Investigation of Clogging Control Performance in Lb Nanofiber Coated Ultrafiltration Membranes, TÜBİTAK 1001”
7. “HEMA Kandilli Improvement of Slam Coals Under 0.5 mm, Investigation of Their Use in Iron and Steel Industry” TÜBİTAK-TEYDEP 1511 Project, No: 1120080
8. Substitution of TiO₂ Used in Water-Based Paints with Precipitated Calcium Carbonate (PCC)
9. Developing adsorbent from mineral wastes in cleaning wastewater, İTÜ BAP PhD
10. “Enrichment of Gold Ores and Slag by Physicochemical Methods”, İTÜ BAP PhD
11. Effect of grain roughness on flotation İTÜ BAP PhD
12. Development of New Processes in Recovery of Nickel from Lateritic Ores İTÜ BAP PhD
13. Effect of grain morphology on flotation İTÜ BAP Y. Undergraduate
14. Biotechnological Applications in Gold Mining Sector, İTÜ BAP Master
15. Investigation of Electrochemical Properties of Antibacterial Sepiolite Nanofibers, İTÜ BAP Y. Undergraduate
16. Applicability of Environmentally Sensitive Methods in Gold and Silver Recovery from Jewelry Slag, Scientific Research Project, Scientific Research Projects Unit (İTÜ BAP)

Completed and Ongoing Industry Projects

1. "Gürak Tic. Inc. Increasing the Tenor of Fethiye Chrome Enrichment Plant Concentrates, İ.T.Ü. Circulating capital"
2. "Kürüm A.Ş. Enrichment of Albanian Chrome Ores and Creating Flow Chart, İ.T.Ü. Circulating capital"
3. "Selective Gaining of Feldspar and Quartz from Mugla-Milas Region Eyed Gneisses, Straton Mining Investments and Management Inc., İTU. Bee Technopolis "
4. "Investigation of Size Distribution / Washing Properties of Various Sand / Stone Sand Samples., AKDAĞLAR A.Ş. On behalf of the Foundation for the Development of Dormitory Mining "
5. Investigation of Copper and Gold Recovery from Copper Ores of Eti Bakır A.Ş., İ.T.Ü. Circulating capital"
6. Enrichment of Sulfur Ore and Plant Waste belonging to "Gümüştaş Madencilik ve Ticaret A.Ş. , İ.T.Ü. Revolving Fund ", İTU Revolving Fund Companies
7. "Increasing the Dissolution Efficiency of Kütahya Gümüşköy Silver Ore owned by Eti Gümüş A.Ş."
8. "Grindability characterizations of ores belongs to Demireller Tarım Mad. Pete. Comp. (part 3), İ.T.Ü. Circulating capital"
9. "Investigation of the Possibilities of Earning Chrome Ore from G.Africa Spiral Intermediates, on behalf of the Turkish Maadin, Foundation for the Development of Dormitory Mining"
10. Determination of Bond Business Index of Quartzite Ore of Ytong Company, İTU. Circulating capital"
11. "Investigation of Chromium Ore Recovery Opportunities Project, Mintek Maden San. Tic. Inc. on behalf of the Foundation for the Development of Dormitory Mining "
12. "Training of Noble Metal Processing and Recycling Facility Employees in Istanbul and Engineers Checking Them for the Public Name", (Istanbul Development Agency, İSTKA), İSTKA-2012YEK-48."