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PROJECTS IN 2015

Research Projects

1. "Determination of Rare Earth Element Potential in South Anatolian Torid Belt Residential Formations", TUBİTAK-1001
2. "Ace Removal from Emet Colemanite Ore by Heat Treatment and Enriched Calcined Powder Colemanite", (BOREN-2014-Ç0426), Boren project
3. "High Quality Nanofiber Production from Fiber Structured Sepiolite and Afm Supported Investigation of Clogging Control Performance in Lb Nanofiber Coated Ultrafiltration Membranes" TUBİTAK 1001 Research Project
4. "Development of High Field Severe Age Magnetic Separator with Natural Magnets" SANTEZ Project
5. Production of pure B₄C, TiB₂, ZrB₂, SiC and in-situ B₄C / TiB₂, B₄C / ZrB₂ and B₄C / SiC composite nano / micro-sized particles, by inductive plasma assisted pyrolysis method, Boren project, 2013-2015
6. "The effect of grain morphology on flotation", TUBİTAK 1001
7. "Coating of Calcite with TiO₂ Pigment and Development of a Functional Material for Use in Water Based Paints", TUBİTAK1005
8. "Acquisition of Chromite from Chromite Facility Slams by Magnetite Coating and Transport Mechanism", İTÜ BAP
9. "Recovery of Precious Metals in Computer Motherboards Covered by Electronic Waste", İTÜ BAP
10. "Pilot Scale Allair Jigi Installation and Performing Trial Tests" (İTÜ BAP project)
11. "Acquisition of Gold and Silver from Jewelry Slag by Alternative Physicochemical Methods", Scientific Research Project, Scientific Research Projects Unit (İTÜ BAP)
12. "Production and Characterization of Clogging Controlled Sepiolite Clay Added Polysulfone Membranes", İTÜ BAP (A TYPE PROJECT)
13. "Development of Adsorbent from Mineral Wastes in Wastewater Cleaning", İTÜ BAP PhD
14. "Enrichment of Gold Ores and Slag by Physicochemical Methods", İTÜ BAP PhD
15. "Effect of Grain Roughness on Flotation", İTÜ BAP PhD
16. "Development of New Processes in the Recovery of Nickel from Lateritic Ores", İTÜ BAP PhD
17. "Biotechnological Applications in Gold Mining Sector, İTÜ BAP Master"
18. "Enrichment of Konya İnce Refractory Gold Ores" İTÜ BAP Y. Undergraduate
19. TUBİTAK Industry Focused Graduation Thesis Support Program for "High Content Pb-Zn Ore After Biomodification and Acidophilic Bacteria After Biomodification" TUBİTAK Industry Focused Graduation Thesis Support Program

Research Projects

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20. “Determining the Effects of Alternative Oxidizing Methods Applied Before Refractory Cyanide Leaching by Bacterial Oxidation”, TUBITAK Industry Oriented Undergraduate Thesis Support Program
21. “Mechanochemical Synthesis of a Sulfide Mineral”, TU Clausthal, Germany
22. “Coating calcite with TiO₂ pigment and developing a functional material for use in water-based paints”, TÜBİTAK 1005 ”

Industrial Projects

1. ITU Faculty of Mining Foundation Economic Enterprises "The Enrichment of Saudi Arabian Manganese Ore Using REMS Type Dry Magnetic Separator" on behalf of Metal Corners Holding Company
2. "Determination of Gold Distribution in Copper and Gold Mines of Eti Bakır A.Ş. and Investigation of the Possibilities of Obtaining Gold and Silver by Gravity Method", YMGV
3. Characterization of Silver Ores in Kütahya-Gümüşköy Field by Eti Gümüş A.Ş.
4. "Selective Recovery of Feldspar and Quartz from Muğla-Gözli Gneisses, Straton Mining Investments and Management Inc., İ.T.Ü. Bee Technopolis "
5. "Ereğli Demir Çelik Fabrikaları A.Ş. Technological Research Project on Testing the Applicability of a Proposed Process Flow Scheme for Enrichment of Iron Ore on behalf of the Laboratory under the name of "
6. Investigation of Washability of Polyak Eynez Soma Coals,
7. Geomas Geokompozit San. Eng. Tic. Danışmanlık Bed., Identification and Analysis of Some Bentonites
8. KİBSAŞ Karadeniz Bet, İTÜ Mining Faculty Foundation Economic Enterprises,