

# Gjergj A Dodbiba

## List of Publications by Year in Descending Order

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**Version:** 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126  
papers

1,666  
citations

22  
h-index

37  
g-index

138  
ext. papers

1,928  
ext. citations

3.2  
avg, IF

4.67  
L-index

| #   | Paper                                                                                                                                                                                                                          | IF  | Citations |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 126 | Stability and Free Radical Production for CO and H in Air Nanobubbles in Ethanol Aqueous Solution.. <i>Nanomaterials</i> , <b>2022</b> , 12,                                                                                   | 5.4 | 1         |
| 125 | Improved Method for Preparing Nanospheres from Pomelo Peel to Achieve High Graphitization at a Low Temperature. <i>Crystals</i> , <b>2022</b> , 12, 403                                                                        | 2.3 | 0         |
| 124 | Arsenic (III) oxidation and removal from artificial mine wastewater by blowing O2 nanobubbles. <i>Journal of Water Process Engineering</i> , <b>2022</b> , 47, 102780                                                          | 6.7 | 0         |
| 123 | Study on the adsorption behavior of tin from waste liquid crystal display using a novel macroporous silica-based adsorbent in one-step separation. <i>Separation and Purification Technology</i> , <b>2022</b> , 292, 121006   | 8.3 | 0         |
| 122 | Leaching behavior of indium from waste liquid crystal display: Further study on the coupling effect of multi-factors for optimum leaching process. <i>Journal of Environmental Chemical Engineering</i> , <b>2022</b> , 107930 | 6.8 | 1         |
| 121 | Study on the Synthesis of Hydroxyapatite under Highly Alkaline Conditions. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 4385-4396                                                                | 3.9 | 5         |
| 120 | Structure and magnetic properties of coprecipitated nickel-zinc ferrite-doped rare earth elements of Sc, Dy, and Gd. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 13511-13526             | 2.1 | 2         |
| 119 | Long-Term Stability of Different Kinds of Gas Nanobubbles in Deionized and Salt Water. <i>Materials</i> , <b>2021</b> , 14,                                                                                                    | 3.5 | 10        |
| 118 | Reduction, reuse and recycle of spent Li-ion batteries for automobiles: A review. <i>International Journal of Minerals, Metallurgy and Materials</i> , <b>2021</b> , 28, 179-192                                               | 3.1 | 20        |
| 117 | Free radical degradation in aqueous solution by blowing hydrogen and carbon dioxide nanobubbles. <i>Scientific Reports</i> , <b>2021</b> , 11, 3068                                                                            | 4.9 | 6         |
| 116 | Removal of Impurities from Shungite Via a Combination of Physical and Chemical Treatments. <i>Minerals (Basel, Switzerland)</i> , <b>2021</b> , 11, 245                                                                        | 2.4 | 2         |
| 115 | Relative distribution enhancement: a new factor for the evaluation of synergistic solvent extraction. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2021</b> , 96, 2827-2836                                    | 3.5 |           |
| 114 | A novel method for simultaneous evaluation of particle geometry by using image processing analysis. <i>Powder Technology</i> , <b>2021</b> , 393, 60-73                                                                        | 5.2 | 5         |
| 113 | Leaching of cathode materials from spent lithium-ion batteries by using a mixture of ascorbic acid and HNO3. <i>Hydrometallurgy</i> , <b>2021</b> , 205, 105746                                                                | 4   | 5         |
| 112 | Enhanced elution of chloride ions from incinerator bottom ash. <i>Chemical Engineering Communications</i> , <b>2020</b> , 1-9                                                                                                  | 2.2 |           |
| 111 | Enrichment of silicocarnotite from silicocarnotite and gehlenite mixtures using a kerosene-based liquid-liquid separation process. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103387              | 6.8 | 2         |
| 110 | Production of the Hydroxyl Radical and Removal of Formaldehyde by Calcined Green Tuff Powder and Tile. <i>Sustainability</i> , <b>2019</b> , 11, 3390                                                                          | 3.6 | 4         |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 109 | SulfationRoastingLeachingPrecipitation Processes for Selective Recovery of Erbium from Bottom Ash. <i>Sustainability</i> , <b>2019</b> , 11, 3461                                                                                             | 3.6 | 6  |
| 108 | Removal of Banana Tree Fungi Using Green Tuff Rock Powder Waste Containing Zeolite. <i>Catalysts</i> , <b>2019</b> , 9, 1049                                                                                                                  | 4   | 1  |
| 107 | The tremendous potential of deep-sea mud as a source of rare-earth elements. <i>Scientific Reports</i> , <b>2018</b> , 8, 5763                                                                                                                | 4.9 | 93 |
| 106 | Promising Approach for Recycling of Spent CIGS Targets by Combining Electrochemical Techniques with Dehydration and Distillation. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 6950-6956                               | 8.3 | 13 |
| 105 | Separation of palladium and silver from semiconductor solid waste by means of liquid-liquid-powder extraction using dodecyl amine acetate as a surfactant collector. <i>Separation and Purification Technology</i> , <b>2018</b> , 191, 86-93 | 8.3 | 10 |
| 104 | Two-Liquid Flotation for Separating Mixtures of Ultra-Fine Rare Earth Fluorescent Powders for Material RecyclingA Review. <i>Colloids and Interfaces</i> , <b>2018</b> , 2, 7                                                                 | 3   | 4  |
| 103 | Recovery of Phosphorus from Sewage Sludge Ash by Heat treatment and Liquid-Liquid Separation. <i>International Journal of the Society of Materials Engineering for Resources</i> , <b>2018</b> , 23, 93-97                                    | 0   | 1  |
| 102 | Effect of Calcination Temperature on the Hydroxyl Radical Generation of Calcined Dolomite Suspension. <i>Journal of MMIJ</i> , <b>2018</b> , 134, 151-157                                                                                     | 0.3 | 2  |
| 101 | Recovery of Indium and Gallium from Spent IGZO Targets by Leaching and Solvent Extraction. <i>Journal of Chemical Engineering of Japan</i> , <b>2018</b> , 51, 675-682                                                                        | 0.8 | 4  |
| 100 | Nano Bubble and Emulsion Size Distribution Measurement by Interactive Force Apparatus. <i>International Journal of the Society of Materials Engineering for Resources</i> , <b>2018</b> , 23, 158-161                                         | 0   | 1  |
| 99  | Recovery of phosphorus from Sewage Sludge Ash (SSA) by heat treatment followed by high gradient magnetic separation and flotation. <i>Advanced Powder Technology</i> , <b>2017</b> , 28, 755-762                                              | 4.6 | 7  |
| 98  | A circulating electrolyte for a high performance carbon-based dye-sensitized solar cell. <i>Chemical Communications</i> , <b>2017</b> , 53, 5561-5564                                                                                         | 5.8 | 9  |
| 97  | A sustainable approach to separate and recover indium and tin from spent indiumTin oxide targets. <i>RSC Advances</i> , <b>2017</b> , 7, 52017-52023                                                                                          | 3.7 | 15 |
| 96  | Selective recovery of rare earth elements from aqueous solution obtained from coal power plant ash. <i>Journal of Environmental Chemical Engineering</i> , <b>2016</b> , 4, 3761-3766                                                         | 6.8 | 29 |
| 95  | Liberation of various types of composite materials by controlled underwater explosion. <i>Minerals Engineering</i> , <b>2016</b> , 89, 63-70                                                                                                  | 4.9 | 8  |
| 94  | EFFECT OF CARBONIZATION ON BANANA PEELS FOR REMOVAL OF CADMIUM IONS FROM AQUEOUS SOLUTION. <i>Environmental Engineering and Management Journal</i> , <b>2016</b> , 15, 851-860                                                                | 0.6 | 4  |
| 93  | Life Cycle Impact Assessment by Using LIME2 of Various Gold Leaching Systems from Metal Scrap Containing Gold. <i>Journal of MMIJ</i> , <b>2016</b> , 132, 31-38                                                                              | 0.3 |    |
| 92  | Optimization of the process parameters for the manufacturing of open-cells iron foams with high energy absorption. <i>Procedia Structural Integrity</i> , <b>2016</b> , 2, 2277-2282                                                          | 1   | 4  |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 91 | Air Tabling A Dry Gravity Solid-Solid Separation Technique <b>2015</b> , 527-555                                                                                                                                                                                                                           |      | 1  |
| 90 | Urban Biomining: New Challenges for a Successful Exploitation of WEEE by Means of a Biotechnological Approach <b>2015</b> , 347-376                                                                                                                                                                        |      | 2  |
| 89 | Mineral carbonation by blowing incineration gas containing CO <sub>2</sub> into the solution of fly ash and ammonia for ex situ carbon capture and storage. <i>Geosystem Engineering</i> , <b>2014</b> , 17, 125-135                                                                                       | 1.2  | 7  |
| 88 | Two-step accelerated mineral carbonation and decomposition analysis for the reduction of CO <sub>2</sub> emission in the eco-industrial parks. <i>Journal of Environmental Sciences</i> , <b>2014</b> , 26, 1411-22                                                                                        | 6.4  | 7  |
| 87 | Recovery of rare earth elements from aqueous solution obtained from Vietnamese clay minerals using dried and carbonized parachlorella. <i>Journal of Environmental Chemical Engineering</i> , <b>2014</b> , 2, 1070-1081                                                                                   | 6.8  | 47 |
| 86 | Selective Precipitation of Copper and Zinc over Iron from Acid Mine Drainage by Neutralization and Sulfidization for Recovery. <i>International Journal of the Society of Materials Engineering for Resources</i> , <b>2014</b> , 20, 136-140                                                              | 0    | 5  |
| 85 | Optimization of lithium electrosorption from brine deposit. <i>Geosystem Engineering</i> , <b>2014</b> , 17, 157-162                                                                                                                                                                                       | 1.2  | 4  |
| 84 | Evaluation of the flocculation and de-flocculation performance and mechanism of polymer flocculants. <i>Water Science and Technology</i> , <b>2014</b> , 69, 1249-58                                                                                                                                       | 2.2  | 10 |
| 83 | Evaluation of a recycling process for printed circuit board by physical separation and heat treatment. <i>Waste Management</i> , <b>2014</b> , 34, 1264-73                                                                                                                                                 | 8.6  | 51 |
| 82 | Recovery of Dysprosium Ions by Biosorption-desorption onto Organic Plants Wastes. <i>International Journal of the Society of Materials Engineering for Resources</i> , <b>2014</b> , 20, 141-146                                                                                                           | 0    | 3  |
| 81 | Bioextraction of Copper from Printed Circuit Boards: Influence of Initial Concentration of Ferrous Iron <b>2013</b> , 354-360                                                                                                                                                                              |      |    |
| 80 | A Novel Process for Recovering Valuable Materials from Spent Lithium-Ion Batteries <b>2013</b> , 370-376                                                                                                                                                                                                   |      | 1  |
| 79 | Integrating sulfidization with neutralization treatment for selective recovery of copper and zinc over iron from acid mine drainage. <i>Minerals Engineering</i> , <b>2013</b> , 45, 100-107                                                                                                               | 4.9  | 12 |
| 78 | Separation of ultrafine particles of alumina and zircon by liquid-liquid extraction using kerosene as the organic phase and sodium dodecylsulfate (SDS) as the surfactant collector for abrasive manufacturing waste recycling. <i>Separation and Purification Technology</i> , <b>2013</b> , 108, 133-138 | 8.3  | 12 |
| 77 | Application of progressive freeze-concentration for desalination. <i>Desalination</i> , <b>2013</b> , 319, 33-37                                                                                                                                                                                           | 10.3 | 72 |
| 76 | A novel approach for evaluating the performance of eco-industrial park pilot projects. <i>Journal of Cleaner Production</i> , <b>2013</b> , 39, 50-59                                                                                                                                                      | 10.3 | 41 |
| 75 | Nano to micro particle size distribution measurement in the fluid by interactive force apparatus for fine particle processing. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2013</b> , 13, 8184-9                                                                                                 | 1.3  | 1  |
| 74 | A Novel Separation Method for Plastic of Discarded Appliance Including Black Plastic by Using Raman Spectroscopy. <i>Resources Processing</i> , <b>2013</b> , 60, 65-71                                                                                                                                    | 0.1  | 2  |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 73 | Adsorption of Cesium Ion on Various Clay Minerals and Remediation of Cesium Contaminated Soil in Japan. <i>Resources Processing</i> , <b>2013</b> , 60, 13-17                                                                               | 0.1  | 14 |
| 72 | A Novel Process for Recovering Valuable Materials from Spent Lithium-Ion Batteries <b>2013</b> , 370-376                                                                                                                                    |      |    |
| 71 | Measurements of size distribution of titanium dioxide fine particles in a highly concentrated non-aqueous suspension by using particle self-assembly under an electric field. <i>Advanced Powder Technology</i> , <b>2012</b> , 23, 517-522 | 4.6  | 11 |
| 70 | Leaching of indium from obsolete liquid crystal displays: comparing grinding with electrical disintegration in context of LCA. <i>Waste Management</i> , <b>2012</b> , 32, 1937-44                                                          | 8.6  | 53 |
| 69 | Regional energy-related carbon emission characteristics and potential mitigation in eco-industrial parks in South Korea: Logarithmic mean Divisia index analysis based on the Kaya identity. <i>Energy</i> , <b>2012</b> , 46, 231-241      | 7.9  | 62 |
| 68 | Boron Removal and Recovery by Adsorbing Effect of Boron on Thermally Treated Dolomite in the Water Containing Boron Ion. <i>Resources Processing</i> , <b>2012</b> , 59, 149-154                                                            | 0.1  | 1  |
| 67 | Size Distribution Measurements of Fine Particles Using Their Pearl Chain Formations under a DC Electric Field <b>2012</b> , 351-360                                                                                                         |      |    |
| 66 | Liquid-Liquid Separation of Fine Zircon-Alumina Mixtures for Abrasives Recycling. <i>Resources Processing</i> , <b>2012</b> , 59, 81-84                                                                                                     | 0.1  | 4  |
| 65 | Economic Evaluation of Recycled Waste Acid and Alkali Solutions in the Printed Circuit Board Process of the Eco-industrial Park. <i>Resources Processing</i> , <b>2012</b> , 59, 9-16                                                       | 0.1  | 2  |
| 64 | Processing of Discarded Liquid Crystal Display for Recovering Indium <b>2011</b> , 11-16                                                                                                                                                    |      | 1  |
| 63 | Copper Recovery from Printed Circuit Board of E-Waste <b>2011</b> , 33-38                                                                                                                                                                   |      | 1  |
| 62 | A Novel Flow Sheet for Processing of Used Lithium-ion Batteries for Recycling. <i>Resources Processing</i> , <b>2011</b> , 58, 9-13                                                                                                         | 0.1  | 15 |
| 61 | Nickel Recovery from Printed Circuit Board and Distribution of Other Elements by Heat Treatment and Magnetic Separation. <i>Journal of MMIJ</i> , <b>2011</b> , 127, 584-591                                                                | 0.3  |    |
| 60 | Evaluating the Practical Application of Underwater Explosion for Recycling. <i>Resources Processing</i> , <b>2011</b> , 58, 52-58                                                                                                           | 0.1  | 2  |
| 59 | Leaching of Rare-Earth Elements and Their Adsorption by Using Blue-Green Algae. <i>Materials Transactions</i> , <b>2011</b> , 52, 1799-1806                                                                                                 | 1.3  | 23 |
| 58 | Fundamental Study on Recovery of WC from Hardmetal Sludge by Using Mineral Processing. <i>Materials Transactions</i> , <b>2011</b> , 52, 1471-1476                                                                                          | 1.3  | 3  |
| 57 | Sorption of Cr(VI) anions in aqueous solution using carbonized or dried pineapple leaves. <i>Chemical Engineering Journal</i> , <b>2011</b> , 172, 906-913                                                                                  | 14.7 | 31 |
| 56 | Synthesis of iron-based adsorbents and their application in the adsorption of molybdenum ions in nitric acid solution. <i>Chemical Engineering Journal</i> , <b>2011</b> , 166, 496-503                                                     | 14.7 | 22 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 55 | Movement of liquid gallium dispersing low concentration of temperature sensitive magnetic particles under magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2011</b> , 323, 1207-1210                                                                      | 2.8  | 12 |
| 54 | Keeping gallium metal to liquid state under the freezing point by using silica nanoparticles. <i>Applied Physics Letters</i> , <b>2011</b> , 99, 143120                                                                                                                          | 3.4  | 9  |
| 53 | FeNbVB ALLOY PARTICLES SUSPENDED IN LIQUID GALLIUM: INVESTIGATING THE MAGNETIC PROPERTIES OF THE MR SUSPENSION. <i>International Journal of Modern Physics B</i> , <b>2011</b> , 25, 947-955                                                                                     | 1.1  | 12 |
| 52 | Arsenic Removal in Low-Grade Fluorite by Using Mineral Processing Techniques. <i>Resources Processing</i> , <b>2010</b> , 57, 105-108                                                                                                                                            | 0.1  | 2  |
| 51 | Rheological Properties and Movement of Fluid Dispersing Ultrafine Ferromagnetic Particles in Liquid Gallium. <i>Nihon Reoraji Gakkaishi</i> , <b>2010</b> , 38, 67-72                                                                                                            | 0.8  | 2  |
| 50 | A Preliminary Study on Employing High-Voltage Impulse for the Exploitation of Cobalt-Rich Crust. <i>International Journal of the Society of Materials Engineering for Resources</i> , <b>2010</b> , 17, 126-130                                                                  | 0    |    |
| 49 | Material Recycling and Recycling System using RFID Technology. <i>International Journal of the Society of Materials Engineering for Resources</i> , <b>2010</b> , 17, 163-167                                                                                                    | 0    |    |
| 48 | Copper Recovery from Printed Circuit Board by Carbonization. <i>International Journal of the Society of Materials Engineering for Resources</i> , <b>2010</b> , 17, 53-57                                                                                                        | 0    | 1  |
| 47 | SYNTHESIS OF AN IONIC LIQUID-BASED MAGNETORHEOLOGICAL FLUID DISPERSING Fe <sub>84</sub> Nb <sub>3</sub> V <sub>4</sub> B <sub>9</sub> NANOCRYSTALLINE POWDERS. <i>International Journal of Modern Physics B</i> , <b>2010</b> , 24, 1227-1234                                    | 1.1  | 10 |
| 46 | Calcination of low-grade laterite for concentration of Ni by magnetic separation. <i>Minerals Engineering</i> , <b>2010</b> , 23, 282-288                                                                                                                                        | 4.9  | 99 |
| 45 | Measurement of particle size distribution of silica nanoparticles by interactive force apparatus under an electric field. <i>Advanced Powder Technology</i> , <b>2010</b> , 21, 419-423                                                                                          | 4.6  | 9  |
| 44 | Adsorption of Molybdenum Ion in Nitric Acid Solution by Using a Pb-Fe Based Adsorbent. <i>International Journal of the Society of Materials Engineering for Resources</i> , <b>2010</b> , 17, 28-34                                                                              | 0    | 2  |
| 43 | Platinum Recovery from Hydrochloric Acid Leaching Solution of Cobalt-Rich Crust by Seaweed Biosorption and Activated Carbon. <i>Resources Processing</i> , <b>2010</b> , 57, 20-28                                                                                               | 0.1  |    |
| 42 | Development of a Manufacturing Process of Biomass Solid Fuel with Wasted Coffee Beans and its CO <sub>2</sub> Assessment. <i>Resources Processing</i> , <b>2009</b> , 56, 21-25                                                                                                  | 0.1  | 1  |
| 41 | Leaching of Platinum from Cobalt-Rich Crust by Hydrochloric Acid with Hydrogen Peroxide. <i>Resources Processing</i> , <b>2009</b> , 56, 165-173                                                                                                                                 | 0.1  | 1  |
| 40 | Recovering Indium from the Liquid Crystal Display of Discarded Cellular Phones by Means of Chloride-Induced Vaporization at Relatively Low Temperature. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , <b>2009</b> , 40, 891-900 | 2.3  | 66 |
| 39 | Removal of arsenic from wastewater using iron compound: Comparing two different types of adsorbents in the context of LCA. <i>Resources, Conservation and Recycling</i> , <b>2009</b> , 53, 688-697                                                                              | 11.9 | 11 |
| 38 | Liquid Gallium based temperature sensitive functional fluid dispersing chemically synthesized FeMB nanoparticles. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 149, 012108                                                                                       | 0.3  | 2  |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 37 | Effect of particle size distribution on formation of linear configuration of dielectric fine particles under the electric field. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 147, 012003             | 0.3  | 3  |
| 36 | Upgrading of MgO grade in Dolomite Ore by Flotation. <i>Resources Processing</i> , <b>2009</b> , 56, 55-63                                                                                                            | 0.1  | 1  |
| 35 | Fundamental Study on the Electrical Disintegration of Cobalt-Rich-Crust for Platinum Recovery. <i>Resources Processing</i> , <b>2009</b> , 56, 26-32                                                                  | 0.1  | 1  |
| 34 | Separation of Rare Earth Fluorescent Powders by Two-Liquid Flotation using Organic Solvents. <i>Japanese Journal of Applied Physics</i> , <b>2008</b> , 47, 5093-5099                                                 | 1.4  | 34 |
| 33 | Synthesis of silica-coated ferromagnetic fine powder by heterocoagulation. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 204105                                                                      | 1.8  | 6  |
| 32 | The recycling of plastic wastes from discarded TV sets: comparing energy recovery with mechanical recycling in the context of life cycle assessment. <i>Journal of Cleaner Production</i> , <b>2008</b> , 16, 458-470 | 10.3 | 72 |
| 31 | Investigating magnetorheological properties of a mixture of two types of carbonyl iron powders suspended in an ionic liquid. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2008</b> , 320, 1322-1327        | 2.8  | 48 |
| 30 | Removal of insoluble chloride from bottom ash for recycling. <i>Waste Management</i> , <b>2008</b> , 28, 1317-23                                                                                                      | 8.6  | 48 |
| 29 | Dispersion of submicron Ni particles into liquid gallium. <i>Magnetohydrodynamics</i> , <b>2008</b> , 44, 97-104                                                                                                      | 1.6  | 7  |
| 28 | Recovery of Precious Metal Ions from Wastewater Generated during the Refining Process of Scrap Materials. <i>Resources Processing</i> , <b>2008</b> , 55, 169-177                                                     | 0.1  | 1  |
| 27 | Evaluating Public Availability of Environmental Information: an Indicator-Based Assessment. <i>Resources Processing</i> , <b>2008</b> , 55, 16-25                                                                     | 0.1  |    |
| 26 | Assessing Different Recycling Options for Plastic Wastes from Discarded Mobile Phones in the Context of LCA. <i>Resources Processing</i> , <b>2007</b> , 54, 29-34                                                    | 0.1  | 4  |
| 25 | Preparation of Limestone Particles with High Value of Whiteness Parameter by Coating with Calcium Carbonate. <i>Resources Processing</i> , <b>2007</b> , 54, 128-138                                                  | 0.1  |    |
| 24 | Classification of submicron Ni particles by heterocoagulation. <i>Powder Technology</i> , <b>2007</b> , 173, 19-28                                                                                                    | 5.2  | 7  |
| 23 | Two-Liquid Flotation: Heterocoagulation of Fine Particles in Polar Organic Solvent. <i>Materials Transactions</i> , <b>2007</b> , 48, 1095-1104                                                                       | 1.3  | 15 |
| 22 | Erasing Data and Recycling of Optical Disks. <i>Data Science Journal</i> , <b>2007</b> , 6, S11-S17                                                                                                                   | 2    | 1  |
| 21 | Life Cycle Assessment: A Tool for Evaluating and Comparing Different Treatment Options for Plastic Wastes from Old Television Sets. <i>Data Science Journal</i> , <b>2007</b> , 6, S39-S50                            | 2    | 5  |
| 20 | Recovery of Heavy Metals by Flotation from Incinerated Automobile Shredder Residues. <i>Resources Processing</i> , <b>2007</b> , 54, 152-157                                                                          | 0.1  | 3  |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 19 | Recovering PVC by Triboelectric Separation and Air Tabling. <i>Resources Processing</i> , <b>2006</b> , 53, 153-159                                                                                          | 0.1 | 6  |
| 18 | The use of air tabling and triboelectric separation for separating a mixture of three plastics. <i>Minerals Engineering</i> , <b>2005</b> , 18, 1350-1360                                                    | 4.9 | 57 |
| 17 | MR FLUID OF LIQUID GALLIUM DISPERSING MAGNETIC PARTICLES. <i>International Journal of Modern Physics B</i> , <b>2005</b> , 19, 1430-1436                                                                     | 1.1 | 15 |
| 16 | THE CONCOMITANT-EFFECT OF ELECTORRHEOLOGICAL FLUID IN A CONTROL FLOW FIELD. <i>International Journal of Modern Physics B</i> , <b>2005</b> , 19, 1263-1269                                                   | 1.1 | 4  |
| 15 | Advanced Sewage Treatment with Hollow Fiber Bioreactor. <i>Resources Processing</i> , <b>2005</b> , 52, 167-171                                                                                              | 0.1 | 3  |
| 14 | 1213 Assessing Different Treatment Options for Plastic Wastes from Discarded Television Sets in the Context of LCA. <i>The Proceedings of Design &amp; Systems Conference</i> , <b>2005</b> , 2005.15, 94-97 | 0   |    |
| 13 | Recovery of LiCoO <sub>2</sub> from Wasted Lithium Ion Batteries by using Mineral Processing Technology. <i>Resources Processing</i> , <b>2004</b> , 51, 3-7                                                 | 0.1 | 11 |
| 12 | A Study on the Manufacture of Clinker Using Low Grade Limestone and Waste Paper Sludge. <i>Resources Processing</i> , <b>2004</b> , 51, 163-168                                                              | 0.1 | 1  |
| 11 | Hydration Behaviour of Ecocement in Presence of Metakaolin. <i>Resources Processing</i> , <b>2004</b> , 51, 35-41                                                                                            | 0.1 | 14 |
| 10 | Progress in Separating Plastic Materials for Recycling. <i>Physical Separation in Science and Engineering</i> , <b>2004</b> , 13, 165-182                                                                    |     | 57 |
| 9  | Recovering Carbon from Korean Anthracite by Hindered-Settling Separation. <i>Resources Processing</i> , <b>2004</b> , 51, 52-55                                                                              | 0.1 | 6  |
| 8  | Separation Performance of PVC and PP Plastic Mixture Using Air Table. <i>Physical Separation in Science and Engineering</i> , <b>2003</b> , 12, 71-86                                                        |     | 22 |
| 7  | Combination of Triboelectrostatic Separation and Air Tabling for Sorting Plastics from a Multi-Component Plastic Mixture. <i>Materials Transactions</i> , <b>2003</b> , 44, 2427-2435                        | 1.3 | 17 |
| 6  | Triboelectrostatic Separation of ABS, PS and PP Plastic Mixture. <i>Materials Transactions</i> , <b>2003</b> , 44, 161-166                                                                                   | 0.3 | 44 |
| 5  | Combination of sinkfloat separation and flotation technique for purification of shredded PET-bottle from PE or PP flakes. <i>International Journal of Mineral Processing</i> , <b>2002</b> , 65, 11-29       |     | 63 |
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