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## **Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes**

- I. **Synthesis and characterization of chitosan-vermiculite composite beads for removal of uranyl ions: isotherm, kinetics and thermodynamics studies**  
HASDEMİR Z. M. , ŞİMŞEK S., ÖZER A., ŞENOL ARSLAN D.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, 2020 (Journal Indexed in SCI)
- II. **Fabrication and characterization of silane-functionalized Na-bentonite polysulfone/polyethylenimine nanocomposite membranes for dye removal**  
Saki S., Senol-Arslan D., UZAL N.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.137, no.36, 2020 (Journal Indexed in SCI)
- III. **Coating Mechanism of AuNPs onto Sepiolite by Experimental Research and MD Simulation**  
Karatat D., Senol Arslan D., Kursun Unver I., Ozdemir O.  
COATINGS, vol.9, no.12, 2019 (Journal Indexed in SCI)
- IV. **Preparation and characterization of a novel diatomite-based composite and investigation of its adsorption properties for uranyl ions**  
HASDEMİR Z. M. , Arslan D., ŞİMŞEK S.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.321, no.3, pp.791-803, 2019 (Journal Indexed in SCI)
- V. **EXPERIMENTAL AND ATOMIC MODELING OF THE ADSORPTION OF ACID AZO DYE 57 TO SEPIOLITE**  
Karatat D., Senol-Arslan D., Ozdemir O.  
CLAYS AND CLAY MINERALS, vol.66, no.5, pp.426-437, 2018 (Journal Indexed in SCI)
- VI. **Sunflower oil as green collector in bituminous coal flotation**  
Hacifazlioglu H., Senol-Arslan D.  
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.39, no.15, pp.1602-1609, 2017 (Journal Indexed in SCI)
- VII. **OPTIMIZATION OF COAL FLOCCULATION WITH AN ANIONIC FLOCCULANT USING A BOX-WILSON STATISTICAL DESIGN METHOD**  
Sonmez I., CEBECİ Y., Senol D.  
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.50, no.2, pp.811-822, 2014 (Journal Indexed in SCI)

## **Articles Published in Other Journals**

- I. **Measurement of Colloidal Forces between Glass Sphere and Colemanite Surface in NaCl Aqueous Electrolytes**  
ŞENOL ARSLAN D.  
Open Journal of Nano, 2019 (Other Refereed National Journals)

- I. **The Influence of Green Collector on Floatability of Slime Coal**  
HACIFAZLIOĞLU H., ŞENOL ARSLAN D.  
6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), 16 - 18 October 2019
- II. **Electrical Double Layer at TiO<sub>2</sub>/Water Interface: Zeta Potential and Surface Charge**  
ŞENOL ARSLAN D.  
6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), 16 - 18 October 2019
- III. **Effect of Ultrasound Treatment on Particle size Distribution of Different Type of Minerals**  
ŞENOL ARSLAN D.  
6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), 16 - 18 October 2019
- IV. **Comparison of Sessile Drop and Captive Bubble Methods on Homogeneous Surfaces**  
ŞENOL ARSLAN D.  
2nd International Conference on Physical Chemistry Functional Materials, 25 - 27 June 2019
- V. **Synthesis and Characterization of Polyacrylamide-Titanium Dioxide (PAA-TiO<sub>2</sub>) Composite**  
ŞENOL ARSLAN D., HASDEMİR Z. M. , ŞİMŞEK S.  
2nd International Conference on Physical Chemistry Functional Materials, 25 - 27 June 2019
- VI. **Calculation of Hamaker Constant for Colemanite using Lifshitz-van der Waals/Lewis Acid-Base Interaction Model**  
ŞENOL ARSLAN D.  
International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 22 - 23 November 2018
- VII. **Flotation behavior of bituminous coal using sunflower oil as a green collector**  
HACIFAZLIOĞLU H., ŞENOL ARSLAN D.  
International Eurasian Conference on Science, Engineering and Technology, 22 - 23 November 2018
- VIII. **Determination of Isoelectric Point for Colemanite from AFM Force Measurements**  
ŞENOL ARSLAN D., DRELICH J. W. , ÖZDEMİR O., ÇELİK M. S.  
XVth International Mineral Processing Symposium, İstanbul, Turkey, 19 - 21 October 2016
- IX. **Evaluation of Coal Preparation Plant Tailings by Ultrasonic Flotation**  
GÜNGÖREN C., BAKTARHAN Y., DEMİR İ., ŞENOL ARSLAN D., ÖZDEMİR O., ÖZKAN Ş. G.  
16th INTERNATIONAL SYMPOSIUM ON ENVIRONMENTAL ISSUES AND WASTE MANAGEMENT IN ENERGY AND MINERAL PRODUCTION, 5 - 07 October 2016
- X. **Determination of Crystal Structure of Colemanite Using Density Functional Theory DFT**  
ŞENOL ARSLAN D., DRELICH J. W. , ÖZDEMİR O., ÇELİK M. S. , ODEGARD G. M.  
6th INTERNATIONAL CONFERENCE ON COMPUTER APPLICATIONS IN THE MINERALS INDUSTRIES, 5 - 07 October 2016
- XI. **Use of Divalent Calcium and Magnesium Ions on Solid Liquid Separation of Fine Coal Tailings**  
GÜNGÖREN C., ŞENOL ARSLAN D., GÜVEN O., BAKTARHAN Y., ÖZKAN Ş. G. , ÖZDEMİR O.  
16th INTERNATIONAL SYMPOSIUM ON ENVIRONMENTAL ISSUES AND WASTE MANAGEMENT IN ENERGY AND MINERAL PRODUCTION, 5 - 07 October 2016
- XII. **Effect of Monovalent Sodium and Potassium Ions on The Settlement of Fine Coal Processing Plant Tailings**  
ŞENOL ARSLAN D., GÜNGÖREN C., GÜVEN O., BAKTARHAN Y., ÖZKAN Ş. G. , ÖZDEMİR O.  
16th INTERNATIONAL SYMPOSIUM ON ENVIRONMENTAL ISSUES AND WASTE MANAGEMENT IN ENERGY AND MINERAL PRODUCTION, 5 - 07 October 2016
- XIII. **Investigation of Thermal Behaviour of Hisarcik and Espey Colemanites**  
ŞENOL ARSLAN D., ÖZDEMİR O., ÇELİK M. S.  
18th International Metallurgical and Materials Conference, İstanbul, Turkey, 29 September - 01 October 2016
- XIV. **APPLICATION OF DENSITY FUNCTIONAL THEORY DFT TO ADSORPTION OF AZO DYES ON MODIFIED SEPIOLITE SURFACES**

ŞENOL ARSLAN D., KARATAŞ D., TOSUNCUK G., ÖZTÜRK M., ÇINKU K., OZDEMİR O.

Proceedings of 14th International Mineral Processing Symposium, İzmir, Turkey, 16 - 18 October 2014, pp.963-968

**XV. Grinding Kinetics Of Some Boron Minerals By A Laboratory Ball Mill**

ŞENOL ARSLAN D., YEKELER M.

XV. Balkan Mineral Processing Congress, 12 - 16 June 2013, vol.1, pp.64-67

## **Citations**

Total Citations (WOS):20

h-index (WOS):4