

## Prof. NEVZAT ASLAN

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-0226-016X

Yoksis Researcher ID: 15182

### Education Information

Post Doctorate, Curtin Technology, Western Australian School of Mines, Australia, Minerals Engineering, Australia 2003 - 2004

Doctorate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 1992 - 1996

Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 1990 - 1992

Undergraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 1984 - 1988

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Sivas Cumhuriyet University, Mühendislik Fakültesi, Maden Mühendisliği, 2008 - 2013

Assistant Professor, Sivas Cumhuriyet University, Mühendislik Fakültesi, Maden Mühendisliği, 1996 - 2008

Assistant Professor, Curtin Technology, Western Australian School of Mines, Western Australian School of Mines, 2003 - 2004

Research Assistant, Sivas Cumhuriyet University, Mühendislik Fakültesi, Maden Mühendisliği, 1989 - 1996

### Courses

Manyetik ve Elektrostatik Zenginleştirme Yöntemleri, Postgraduate, 2019 - 2020

Seminer Dersi, Postgraduate, 2019 - 2020

Cevher Hazırlama ve Zenginleştirme, Postgraduate, 2018 - 2019

Cevher Hazırlama - I, Undergraduate, 2019 - 2020

İş Güvenliği ve Sağlığı, Undergraduate, 2018 - 2019

Uzmanlık Alan Dersi, Postgraduate, 2018 - 2019

Uzmanlık Alan Dersi, Postgraduate, 2019 - 2020

Uzmanlık Alan Dersi, Doctorate, 2019 - 2020

Bitirme Ödevi, Undergraduate, 2019 - 2020

Cevher Hazırlama Süreçlerinde Yan İşlemler, Postgraduate, 2018 - 2019

İş Sağlığı ve Güvenliği - I, Undergraduate, 2019 - 2020

Cevher Hazırlama - II, Undergraduate, 2018 - 2019

İnce Tane Zenginleştirme Yöntemleri ve Uygulamaları, Postgraduate, 2019 - 2020  
Cevher Hazırlama - II, Undergraduate, 2018 - 2019  
İnce Tane Ölçüm Yöntemleri, Postgraduate, 2019 - 2020  
Deneysel Tasarımı Modelleme ve Optimizasyon, Postgraduate, 2018 - 2019  
Bitirme Ödevi, Undergraduate, 2018 - 2019  
Mühendislik Projeleri, Undergraduate, 2017 - 2018  
Cevher Hazırlama - I, Undergraduate, 2017 - 2018  
Mühendislik Projeleri, Undergraduate, 2017 - 2018  
Dönem Projesi, Postgraduate, 2015 - 2016  
Gravite Zenginleştirmenin Prensipleri, Postgraduate, 2016 - 2017  
İş Güvenliği ve Sağlığı, Undergraduate, 2015 - 2016  
Seminer Dersi, Doctorate, 2014 - 2015  
Cevher Hazırlama, Undergraduate, 2012 - 2013  
Cevher Hazırlama, Undergraduate, 2012 - 2013  
Cevher Hazırlama II Laboratuvarı, Undergraduate, 2010 - 2011  
Cevher Hazırlama I Laboratuvarı, Undergraduate, 2008 - 2009  
Endüstriyel Hammaddelerin Zenginleştirilmesi, Undergraduate, 2003 - 2004

### **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **A Comparative Study of Anionic and Cationic Collector in Microbubble-Assisted Flotation for Coarse Quartz Particle: Performance and Adsorption**  
Abbaker A., ASLAN N.  
Acta Montanistica Slovaca, vol.29, no.2, pp.239-255, 2024 (SCI-Expanded)
- II. **Effects of microbubbles and frother types on first-order flotation kinetics of coarse quartz: a Box- Behnken design study**  
Abbaker A., ASLAN N., Motasim M.  
Canadian Metallurgical Quarterly, 2024 (SCI-Expanded)
- III. **Efficient Zinc Removal from Blast Furnace Sludge Using Choline Chloride-Malonic Acid: Towards Sustainable Recycling of Iron Extraction Waste**  
Kul M., OSKAY K. O., Doğan M., ASLAN N.  
JOM, vol.75, no.9, pp.3882-3889, 2023 (SCI-Expanded)
- IV. **The effect of microbubbles on coarse particle anionic flotation: analysis and optimization**  
Abbaker A., ASLAN N.  
Physicochemical Problems of Mineral Processing, vol.59, no.6, 2023 (SCI-Expanded)
- V. **Use of the grey analysis to determine optimal oil agglomeration with multiple performance characteristics**  
Aslan N.  
FUEL, vol.109, pp.373-378, 2013 (SCI-Expanded)
- VI. **Bio dissolution of Cu Mo and Re from molybdenite concentrate using mix mesophilic microorganism in shake flask TNMSC**  
Abdollahi H., Shafaei S., Noaparast M., Manafi Z., Aslan N.  
Transactions of Nonferrous Metals Society of China, no.1003-6326, 2013 (SCI-Expanded)
- VII. **Multi-objective optimization of some process parameters of a lab-scale thickener using grey relational analysis**  
Asian N., Shahrivar A. A., Abdollahi H.  
SEPARATION AND PURIFICATION TECHNOLOGY, vol.90, pp.189-195, 2012 (SCI-Expanded)
- VIII. **Multi-Objective Optimization of Some Process Parameters of Lead Flotation Using Grey Relational Analysis**  
Aslan N.

SEPARATION SCIENCE AND TECHNOLOGY, vol.47, no.4, pp.599-605, 2012 (SCI-Expanded)

- IX. **Multi-response optimization of oil agglomeration with multiple performance characteristics**  
Aslan N., Unal I.  
FUEL PROCESSING TECHNOLOGY, vol.92, no.6, pp.1157-1163, 2011 (SCI-Expanded)
- X. **Optimization of some parameters of stirred mill for ultra-fine grinding of refractory Au/Ag ores**  
Celep O., Aslan N., Alp İ., Tasdemir G.  
POWDER TECHNOLOGY, vol.208, no.1, pp.121-127, 2011 (SCI-Expanded)
- XI. **Application of Response Surface Method and Central Composite Design for Modeling and Optimization of Gold and Silver Recovery in Cyanidation Process**  
Karimi P., Abdollahi H., Aslan N., Noaparast M., Shafaei S. Z.  
MINERAL PROCESSING AND EXTRACTIVE METALLURGY REVIEW, vol.32, no.1, pp.1-16, 2011 (SCI-Expanded)
- XII. **BENEFICIATION OF CHROMITE CONCENTRATION WASTE BY MULTI-GRAVITY SEPARATOR AND HIGH-INTENSITY INDUCED-ROLL MAGNETIC SEPARATOR**  
Asian N., Kaya H.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.34, pp.285-297, 2009 (SCI-Expanded)
- XIII. **Optimization of some parameters on agglomeration performance of Zonguldak bituminous coal by oil agglomeration**  
Aslan N., Unal I.  
FUEL, vol.88, no.3, pp.490-496, 2009 (SCI-Expanded)
- XIV. **Multi-objective optimization of some process parameters of a multi-gravity separator for chromite concentration**  
Aslan N.  
SEPARATION AND PURIFICATION TECHNOLOGY, vol.64, no.2, pp.237-241, 2008 (SCI-Expanded)
- XV. **Optimization of Pb flotation using statistical technique and quadratic programming**  
Aslan N., Fidan R.  
SEPARATION AND PURIFICATION TECHNOLOGY, vol.62, no.1, pp.160-165, 2008 (SCI-Expanded)
- XVI. **Application of response surface methodology and central composite rotatable design for modeling and optimization of a multi-gravity separator for chromite concentration**  
Aslan N.  
POWDER TECHNOLOGY, vol.185, no.1, pp.80-86, 2008 (SCI-Expanded)
- XVII. **Optimization of process parameters for producing graphite concentrate using response surface methodology**  
Aslan N., Cifci F., Yan D.  
SEPARATION AND PURIFICATION TECHNOLOGY, vol.59, no.1, pp.9-16, 2008 (SCI-Expanded)
- XVIII. **Modeling and optimization of Multi-Gravity Separator to produce celestite concentrate**  
Aslan N.  
POWDER TECHNOLOGY, vol.174, no.3, pp.127-133, 2007 (SCI-Expanded)
- XIX. **Application of response surface methodology and central composite rotatable design for modeling the influence of some operating variables of a Multi-Gravity Separator for coal cleaning**  
Aslan N.  
FUEL, vol.86, pp.769-776, 2007 (SCI-Expanded)
- XX. **Application of Box-Behnken design and response surface methodology for modeling of some Turkish coals**  
Aslan N., Cebeci Y.  
FUEL, vol.86, pp.90-97, 2007 (SCI-Expanded)
- XXI. **Using float-sink data in simple equations to predict sulfur contents**  
Cebeci Y., Aslan N.  
FUEL PROCESSING TECHNOLOGY, vol.76, no.3, pp.231-239, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Investigating the effect of testing parameters on adhesive wear using Taguchi method**  
ŞİMŞİR M., SELÇUK B., ASLAN N.  
Advances in Materials and Processing Technologies, vol.1, pp.493-507, 2016 (Scopus)
- II. **Koyulhisar Pb Cu Zn Cevherinin Gum Arabic ile Optimum Selektif Flotasyon Koşullarının Belirlenmesi**  
Cebeci Y., Aslan N., Sönmez İ.  
Dokuz Eylül Üniversitesi Mühendislik Fakültesi, Fen ve Mühendislik Dergisi, vol.1, no.3, pp.47-58, 1999 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Investigating the effect of testing parameters on adhesive wear using Taguchi method**  
ŞİMŞİR M., SELÇUK B., ASLAN N.  
Advances in Materials and Processing Technologies, 17 - 20 November 2014
- II. **YeniÇubuk Gemerek Linyit Kömürlerinin MGS ile yıkanabilirliğinin araştırılması**  
ASLAN N., MEHMET C., ULUSOY U.  
16. Madencilik Kongresi, Turkey, 15 - 18 June 1999, pp.321-326

## Metrics

Publication: 26  
Citation (WoS): 814  
Citation (Scopus): 1047  
H-Index (WoS): 12  
H-Index (Scopus): 14