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EĞİTİM BİLGİLERİ:

Doktora: (2015) Malzeme Bilimi, Fizik Bölümü, Institut Català de Nanociència i Nanotecnologia (ICN2) ve Institut de Ciència de Materials de Barcelona (ICMAB-CSIC), Universitat Autònoma de Barcelona, Bellaterra, İspanya.

Yüksek Lisans: (2009) Malzeme Bilimi ve Mühendisliği, Fen Bilimleri Enstitüsü, İstanbul Teknik Üniversitesi, İstanbul, Türkiye.

Lisans: (1999) Metalurji ve Malzeme Mühendisliği Bölümü, Yıldız Teknik Üniversitesi, İstanbul, Türkiye.

ÜNVAN:

2017-halen	Dr. Öğr. Üyesi	Metalurji ve Malzeme Mühendisliği Bölümü, Bartın Üniversitesi
2015-2017	Araş. Gör. Dr.	Metalurji ve Malzeme Mühendisliği Bölümü, Bartın Üniversitesi

ONUR VE ÖDÜLLER:

2017 - TÜBİTAK UIDB Eşik Üstü Ödülü, H2020 Marie Curie Individual Fellowship başvurusunda alınan 83.60 puan için.

2014 - Alman Akademik Değişim Servisi (DAAD) Bursu: 4 aylık ziyaretçi araştırma bursu, Ernst Ruska-Centre (ER-C) for Microscopy and Spectroscopy with Electrons, Jülich, Almanya

2014 - International Federation of Societies for Microscopy (IFSM) Genç Araştırmacı Ödülü, 18th International Microscopy Congress (IMC 2014, 7-12 Eylül 2014, Prag, Çek Cumhuriyeti)

2011 - Milli Eğitim Bakanlığı Yurtdışı Doktora Bursu

2010 - International Federation of Societies for Microscopy (IFSM) Genç Araştırmacı Ödülü, 17th International Microscopy Congress (IMC17, 19-24 Eylül 2010, Rio de Janeiro, Brezilya)

YAYINLANMIŞ MAKALELER (SCI indeks):

1. Güner, T., Topçu, G., Savacı, U., Genç, A., Turan, S., Sarı, E. and Demir, M.M. (2018) "Polarized emission from CsPbBr₃ nanowire embedded-electrospun PU fibers" Nanotechnology 29: 135202.
2. Elumeeva, K., Masa, J., Medina, D., Ventosa, E., Seisel, S., Kayran, Y.U., Genç, A., Bobrowski, T., Weide, P., Arbiol, J., Muhler, M. and Schuhmann, W. (2017). "Cobalt boride modified with N-doped carbon nanotubes as a high-performance bifunctional oxygen electrocatalyst". J. Mater. Chem. A 5: 21122-21129.
3. Barwe, S., Andronescu, C., Masa, J., Ventosa, E., Klink, S., Genç, A., Arbiol, J. and Schuhmann, W. (2017). "Polybenzoxazine-Derived N-doped Carbon as Matrix for Powder-Based Electrocatalysts". ChemSusChem 10: 2653-2659.
4. Piella, J., Merkoçi, F., Genç, A., Arbiol, J., Bastús, N.G. and Puntès, V. (2017). "Probing the

- Surface Reactivity of Nanocrystals by the Catalytic Degradation of Organic Dyes: The Effect of Size, Surface Chemistry and Composition". *J. Mater. Chem. A* 5: 11917-11929.
5. Epifani, M., Kaciulis, S., Mezzi, A., Altamura, D., Giannini, C., Díaz, R., Force, C., Genç, A., Arbiol, J., Siciliano, P., Comini, E. and Concina, I. (2017). "Inorganic Photocatalytic Enhancement: Activated RhB Photodegradation by Surface Modification of SnO₂ Nanocrystals with V₂O₅-like species". *Scientific Reports* 7: 44763.
 6. Genç, A.* (2017). "Facile synthesis of ZnO nanostructures and enhancement of their sinterability via short-time cryo-milling". *Ceramics International* 43: 1710-1715.
 7. Genç, A.,* Patarroyo, J., Sancho-Parramon, J., Bastus, N.G., Puentes, V. and Arbiol, J.* (2017). "Hollow metal nanostructures for enhanced plasmonics: Synthesis, local plasmonic properties and applications". *Nanophotonics* 6: 193-213 (Invited review).
 8. Luo, Z., Lu, J., Flox, C., Nafria, R., Genç, A., Arbiol, J., Llorca, J., Ibáñez, M., Morante, J.R. and Cabot, A. (2016). "Pd₂Sn [010] Nanorods as a Highly Active and Stable Ethanol Oxidation Catalyst", *Journal of Materials Chemistry A* 4: 16706-16713.
 9. Epifani, M., Tang, P.Y., Genç, A., Morante, J.R., Arbiol, J., Diaz, R. and Wicker, S. (2016). "The Ethylhexanoate Route to Metal Oxide Nanocrystals: Synthesis of CoO Nanooctahedra from Co^{II} 2-Ethylhexanoate". *European Journal of Inorganic Chemistry* 24: 3963-3968.
 10. Patarroyo, J., Genç, A., Arbiol, J., Bastus, N.G. and Puentes, V. (2016). "One-pot polyol synthesis of highly monodisperse short green silver nanorods". *Chem. Comm.* 52: 10960-10963.
 11. Meyns, M., Perálvarez, M., Heuer-Jungemann, A., Hertog, W., Ibáñez, M., Nafria, R., Genç, A., Arbiol, J., Kovalenko, M.V., Carreras, J., Cabot, A. and Kanaras, A.G. (2016). "Polymer-Enhanced Stability of Inorganic Perovskite Nanocrystals and Their Application in Color Conversion LEDs". *ACS Appl. Mater. Interfaces* 8: 19579-19586.
 12. Luo, Z., Irtem, E., Ibáñez, M., Nafria, R., Martí-Sánchez, S., Genç, A., de la Mata, M., Liu, Y., Cadavid, D., Llorca, J., Arbiol, J., Andreu, T., Morante, J.R. and Cabot, A. (2016). "Mn₃O₄@CoMn₂O₄-Co_xO_y Nanoparticles: Partial Cation Exchange Synthesis and Electrocatalytic Properties toward the Oxygen Reduction and Evolution Reactions". *ACS Applied Materials & Interfaces* 8: 17435-17444.
 13. Sun, Z., Madej, E., Genç, A., Muhler, M., Arbiol, J., Schuhmann, W. and Ventosa, E. (2016). "Demonstrating the steady performance of iron oxide composites over 2000 cycles at fast change-rates for Li-ion batteries". *Chem. Commun.* 52: 7348-7351 (Featured as the Inside back cover).
 14. Genç, A., Patarroyo, J., Sancho-Parramon, J., Arenal, R., Duchamp, M., Gonzalez, E., Henrard, L., Bastus, N.G., Dunin-Borkowski, R.E., Puentes, V. and Arbiol, J. (2016). "Tuning the Plasmonic Response up: Hollow Cuboid Metal Nanostructures". *ACS Photonics* 3: 770-779. **(Featured as the Front Cover of May 2016 Issue)**
 15. Ibáñez, M., Luo, Z., Genç, A., Piveteau, L., Ortega, S., Cadavid, D., Dobrozhan, O., Liu, Y., Nachttegaal, M., Zebajadi, M., Arbiol, J., Kovalenko, M.V. and Cabot, A. (2016). "High-Performance Thermoelectric Nanocomposites from Nanocrystal Building Blocks". *Nature Communications* 7: 10766.
 16. Nafria, R., Genç, A., Ibáñez, M., Arbiol, J., Ramírez de la Piscina, P., Homs, N. and Cabot, A. (2016). "Co-Cu Nanoparticles: Synthesis by Galvanic Replacement and Phase Rearrangement during Catalytic Activation", *Langmuir* 32: 2267-2276.
 17. Tang, P.Y., Han, L.J., Genç, A., He, Y.M., Zhang, X., Zhang, L., Galan-Mascaros, J.R., Morante, J.R. and Arbiol, J. (2016). "Synergistic effects in 3D honeycomb-like hematite nanoflakes/branched polypyrrole nanoleaves heterostructures as high-performance negative electrodes for asymmetric supercapacitors". *Nano Energy* 22: 189-201.

18. Shavel, A., Ibáñez, M., Luo, Z., De Roo, J., Carreté, A., Dimitrievska, M., Genç, A., Meyns, M., Pérez-Rodríguez, A., Kovalenko, M.V., Arbiol, J. and Cabot, A. (2016). "Scalable heating-up synthesis of monodisperse Cu₂ZnSnS₄ nanocrystals". *Chemistry of Materials* 28: 720-726.
19. Epifani, M., Comini, E., Díaz, R., Genç, A., Andreu, T., Siciliano, P. and Morante, J.R. (2016). "Acetone sensors based on TiO₂ nanocrystals modified with tungsten oxide species". *Journal of Alloys and Compounds* 665: 345-351.
20. Monllor-Satoca, D., Bartsch, M., Fàbrega, C., Genç, A., Reinhard, S., Andreu, T., Arbiol, J., Niederberger, M. and Morante, J.R. (2015). "What do you do, titanium? Insight into the role of titanium oxide as a water oxidation promoter in hematite-based photoanodes". *Energy & Environmental Science* 8: 3242-3254.
21. Yu, X., Liu, J., Genç, A., Ibáñez, M., Luo, Z., Shavel, A., Arbiol, J., Zhang, G., Zhang, Y. and Cabot, A. (2015). "Cu₂ZnSnS₄-Ag₂S Nanoscale P-N Heterostructures as Sensitizers for Photoelectrochemical Water Splitting". *Langmuir* 31: 10555-10566.
22. Yu, X., An, X., Genç, A., Ibáñez, M., Arbiol, J., Zhang, Y. and Cabot, A. (2015). "Cu₂ZnSnS₄-PtM (M = Co, Ni) Nano-Heterostructures for Photocatalytic Hydrogen Evolution". *Journal of Physical Chemistry C* 119: 21882-21888.
23. Yuan, Y., Zhang, L., Xing, J., Utama, M.I.B., Lu, X., Du, K.D., Li, Y., Hu, X., Wang, S., Genç, A., Dunin-Borkowski, R.E., Arbiol, J. and Xiong, Q. (2015). "High-yield Synthesis and Optical Properties of g-C₃N₄". *Nanoscale* 7: 12343-12350.
24. Epifani, M., Díaz, R., Force, C., Comini, E., Manzanares, M., Andreu, T., Genç, A., Arbiol, J., Siciliano, J., Faglia, G. and Morante, J.R. (2015). "Surface Modification of TiO₂ Nanocrystals by WO_x Coating or Wrapping: Solvothermal Synthesis and Enhanced Surface Chemistry". *ACS Applied Materials & Interfaces* 7: 6898-6908.
25. Luo, Z., Ibáñez, M., Antolin, A.M., Genç, A., Shavel, A., Contreras, S., Medina, F., Arbiol, J. and Cabot, A. (2015). "Size and Aspect Ratio Control of Pd₂Sn Nanorods and Their Water Denitration Properties". *Langmuir* 31: 3952-3957.
26. Rodrigues, M., Genç, A., Arbiol, J., Amabilino, D.B. and Pérez-García, L. (2015). "In situ template synthesis of gold nanoparticles using a bis-imidazolium amphiphile-based hydrogel". *Journal of Colloid and Interface Science* 446: 53-58.
27. Epifani, M., Comini, E., Diaz, R., Andreu, T., Genç, A., Arbiol, J., Siciliano, P.A., Faglia, G. and Morante, J.R. (2014). "Solvothermal, Chloroalkoxide-based Synthesis of Monoclinic WO₃ Quantum Dots and Gas-Sensing Enhancement by Surface Oxygen Vacancies". *ACS Applied Materials & Interfaces* 6: 16808-16816.
28. Genç, A.,* Kaya, P., Ayas, E., Öveçoğlu, M.L. and Turan, S. (2013). "Microstructural evolution of mechanically alloyed and spark plasma sintered Ni-W alloy matrix composites". *Journal of Alloys and Compounds* 571: 159-167.
29. Genç, A.,* Öveçoğlu, M.L. and Turan, S. (2013). "Characterization of Ni-W solid solution alloy powders and sintered compacts synthesized via mechanically activated hydrogen reduction of the NiO-WO₃ mixtures". *Metals and Materials International* 19: 813-819.
30. Coşkun, S., Genç, A. and Öveçoğlu, M.L. (2013). "Synthesis of W – 3 wt.% Mn – 2 wt.% VC composites by high energy milling and sintering". *Metals and Materials International* 19: 533-541.
31. Gökçe, H., Balcı, Ö., Ağaoğulları, D., Demirkan, Ö.U., Genç, A., Öveçoğlu, M.L. and Duman, I. "Characterization Investigations of W-Ni Matrix Composites Reinforced with TiB₂ and La₂O₃". *Acta Physica Polonica A* 123: 309-311.
32. Genç, A.,* Ayas, E., Öveçoğlu, M.L. and Turan, S. (2012). "Fabrication of In-situ Ni(W)-WC Nano Composites via Mechanical Alloying and Spark Plasma Sintering". *Journal of Alloys*

- and Compounds 542: 97-104.
33. Genç, A.,* Öveçoğlu, M.L., Baydoğan, M. and Turan, S. (2012). "Fabrication and characterization of Ni - W solid solution alloys via mechanical alloying and pressureless sintering". Materials and Design 42: 495-504.
 34. Demirkan, Ö.U., Genç, A.,* and Öveçoğlu, M.L. (2012). "Effects of Al₂O₃ addition on the microstructure and properties of Ni activated sintered W matrix composites". International Journal of Refractory Metals and Hard Materials 32: 33-38.
 35. Genç, A.,* and Öveçoğlu, M.L. (2010). "Characterization investigations during mechanical alloying and sintering of Ni - W solid solution alloys dispersed with WC and Y₂O₃ particles". Journal of Alloys and Compounds 508: 162-171.
 36. Genç, A.,* Coşkun, S. and Öveçoğlu, M.L. (2010). "Fabrication and properties of mechanically alloyed and Ni activated sintered W matrix composites reinforced with Y₂O₃ and TiB₂ particles". Materials Characterization 61: 740-748.
 37. Genç, A.,* Coşkun, S. and Öveçoğlu, M.L. (2010). "Microstructural Characterizations of Ni Activated Sintered W-2wt% TiC Composites produced via Mechanical Alloying". Journal of Alloys and Compounds 497: 80-89.
 38. Genç, A.,* Coşkun, S. and Öveçoğlu, M.L. (2010). "Decarburization of TiC in Ni activated sintered W – xTiC (x= 0, 5, 10, 15 wt%) composites and the effects of heat treatment on the microstructural and physical properties". International Journal of Refractory Metals and Hard Materials 28: 451-458.
- *Sorumlu Yazar

YAYINLANMIŞ ULUSAL MAKALELER:

1. Genç, A. (2018). "Hydrothermal Synthesis of Cuprous Oxide Nanoflowers and Characterization of Their Optical Properties". Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Kabul edildi. DOI: 10.19113/sdufbed.58150

YAYINLANMIŞ KONFERANS MAKALELERİ:

1. Alp, E., Savacı, U., Tekin, B., Eşgin, H., Sönmezoğlu, S., Turan, S. and Genç, A*. (2018). "Hydrothermal synthesis of hematite nanostructures for photocatalytic applications". International Conference on Renewable Energy, Barcelona, Spain (Poster).
2. Genç, A. (2017). "Malzemeleri Anlamak: Performans – Mikroyapı İlişkinine Atomik Düzeyden Bir Bakış". The 23rd National Electron Microscopy Congress (with International Contributions). Antalya, Turkey. (Invited Talk).
3. Eşgin, H., Alp, E., Genç, A. and Çağlar, M. (2017). "Synthesis and structural characterization of ZnO nanoflakes for solar cell applications", The 23rd National Electron Microscopy Congress (with International Contributions). Antalya, Turkey. (Poster in Turkish, Second Prize in Best Poster Competition).
4. Tang, P.Y., de la Mata, M., Han, L.J., Verdaguer, A., Genç, A., He, Y.M., Zhang, X., Zhang, L., Galan-Mascaros, J.R., Morante, J.R. and Arbiol, J. (2016). "Combined TEM/STEM and In-situ c-AFM Characterization of 2D Nanoflake-like Heterostructures for Energy Storage and Conversion Applications". The 16th European Microscopy Congress (EMC 2016), Lyon, France. (Poster)
5. Arbiol, J., Genç, A., Zamani, R. and de la Mata, M. (2016). "Insight on the fine structure of semiconductor nanowires down to single atom detection: correlation to their physical properties". The 16th European Microscopy Congress (EMC 2016), Lyon, France. (Talk)

6. Genç, A., Patarroyo, J., Sancho-Parramon, J., Arenal, R., Bastus, N.G., Puentes, V. and Arbiol, J. (2016). "Spatially Mapping the Plasmon Resonances of Hollow 1D Nanostructures: Hybrid AuAg Nanotubes". The 16th European Microscopy Congress (EMC 2016), Lyon, France. (Poster)
7. Martí-Sánchez, S., Genç, A., Ibáñez, M., de la Mata, M., Cabot, A. and Arbiol, J. (2016). "Structural and chemical characterization and 3D modelling of metal oxide core-shell nanoparticles with complex morphology". The 16th European Microscopy Congress (EMC 2016), Lyon, France. (Poster)
8. Arbiol, J., de la Mata, M. and Genç, A. (2016). "Non-planar Nanostructures at Atomic Scale: From Atomic Structure to Photonics in the (S)TEM", Israel Society for Microscopy (ISM) Golden Jubilee 2016, Haifa, Israel (Invited talk given by Prof. J. Arbiol).
9. Genç, A., Patarroyo, J., Sancho-Parramon, J., Arenal, R., Duchamp, M., Gonzalez, E., Henrard, L., Bastus, N.G., Dunin-Borkowski, R.E., Puentes, V. and Arbiol, J. (2016). "Tuning the plasmonic response up by nanoengineering: Hollow AuAg nanostructures", 12th International Nanoscience and Nanotechnology Conference (NanoTR-12), Kocaeli-Turkey. (Talk)
10. Patarroyo, J., Genç, A., Sancho-Parramon, J., Arenal, R., Duchamp, M., Gonzalez, E., Henrard, L., Bastus, N.G., Dunin-Borkowski, R.E., Puentes, V. and Arbiol, J. (2016). "Tuning the Plasmonic Response up: Hollow Cuboid Metal Nanostructures", 7th Nanoscience with Nanocrystals, NaNaX7, Marburg, Germany. (Poster)
11. Merkoçi, F., Patarroyo, J., Russo, L., Piella, J., Genç, A., Schlafer, J., Arbiol, J., Bastus, N.G. and Puentes, V. (2016). "Mechnaistic Insights in the Pt-Ag Galvanic Replacement Reactions", 7th Nanoscience with Nanocrystals, NaNaX7, Marburg, Germany. (Poster)
12. Bastus, N.G., Patarroyo, J., Merkoçi, F., Genç, A., Arbiol, J., Soler, L., Llorca, J. and Puentes, V. (2016). "Coupled Synthesis of Noble Metal-CeO₂ Hybrid Nanostructures", 7th Nanoscience with Nanocrystals, NaNaX7, Marburg, Germany. (Poster)
13. Genç, A., Patarroyo, J., Sancho-Parramon, J., Arenal, R., Duchamp, M., Gonzalez, E., Henrard, L., Bastus, N.G., Houben, L., Dunin-Borkowski, R.E., Puentes, V. and Arbiol, J. (2016). "Hollow metal nanostructures for enhanced plasmonics", SPIE Photonic West (SPIE BIOS), San Francisco, California, USA. Proc. SPIE 9722, Colloidal Nanoparticles for Biomedical Applications XI, 972206 (April 27, 2016); doi:10.1117/12.2211598. (Invited talk given by Prof. J. Arbiol).
14. Arbiol, J., de la Mata, M. and Genç, A. (2015). "Photonic 1D nanomaterials: Correlation between Optical Properties at sub-nanometer scale with its structure at atomic scale", 16th Trends in Nanotechnology International Conference, TNT2015, Toulouse, Fransa ('Keynote' konuşma: Prof. J. Arbiol)
15. Genç, A., Patarroyo, J., Arenal, R., Sancho-Parramon, J., Bastus, N.G., Puentes, V. and Arbiol, J. (2015). "Plasmonic Nanoengineering in 1D Hollow Nanostructures: AuAg Nanotubes", 22nd Electron Microscopy Congress, EMK2015, Sabancı Üniversitesi, İstanbul, Türkiye (Talk).
16. Duchamp, M., Genç, A., Arbiol, J. and Dunin-Borkowski, R.E. (2015). "Spectral Mixture Analysis of Localized Surface Plasmon Resonances From Electron Energy-Loss Spectroscopy Spectrum Images", Multinational Congress on Microscopy, MCM2015, Eger, Macaristan (Poster).
17. Genç, A., Duchamp, M., Patarroyo, J., Dunin-Borkowski, R.E., Puentes, V. and Arbiol, J. (2016). "Correlation of Chemical and Plasmonic Properties of Hollow AuAg Nanostructures", The Third Conference of Frontiers of Aberration Corrected Electron Microscopy, PICO2015, Kasteel Vaalsbroek, Hollanda (Poster).

18. Duchamp, M., Genç, A., Arbiol, J. and Dunin-Borkowski, R.E. (2015). "Spectral Unmixing of Localized Surface Plasmon Resonances from an Electron Energy-Loss Spectroscopy Dataset", The Third Conference of Frontiers of Aberration Corrected Electron Microscopy, PICO2015, Kasteel Vaalsbroek, Hollanda (Poster).
19. Genç, A., Patarroyo, J., Arenal, R., Henrard, L., Gonzalez, E., Bastus, N.G., Puentes, V. and Arbiol, J. (2016). "Plasmonic Nanoengineering in Hollow Metal Nanostructures", Materials Research Society 2015 Spring Meeting & Exhibit, MRS Spring 2015, San Francisco, California, ABD (Talk).
20. Epifani, M., Comini, E., Diaz, R., Andreu, T., Genç, A., Arbiol, J., Siciliano, P., Faglia, G. and Morante, J.R. (2015). "TiO₂ Anatase Nanocrystals Modification by WO₃ for Enhanced Gas Sensors: From Surface Deposition to Heterojunctions", Materials Research Society 2015 Spring Meeting & Exhibit, MRS Spring 2015, San Francisco, California, ABD (Talk).
21. Epifani, M., Comini, E., Diaz, R., Andreu, T., Genç, A., Arbiol, J., Siciliano, P., Faglia, G. and Morante, J.R. (2015). "Surface modification, heterojunctions, and other structures: composing metal oxide nanocrystals for chemical sensors", SPIE Photonics West, San Francisco, California, ABD, SPIE OPTO, 936415-936415-5. (Davetli konuşma: Prof. M. Epifani).
22. Genç, A., Patarroyo, J., Arenal, R., Henrard, L., Gonzalez, E., Bastus, N.G., Puentes, V. and Arbiol, J. (2016). "Plasmonic nanoengineering in metal nanostructures: from solid nanocubes to complex hollow multi-walled nanoboxes", SPIE Photonics West, San Francisco, California, ABD (Davetli konuşma: Prof. J. Arbiol).
23. Epifani, M., Comini, E., Diaz, R., Andreu, T., Genç, A., Arbiol, J., Siciliano, P., Faglia, G. and Morante, J.R. (2014). "Acetone Sensing with TiO₂-WO₃ Nanocomposites: An Example of Response Enhancement by Inter-oxide Cooperative Effects", 28th European Conference on Solid-State Transducers, EUROSENSORS2014, Brescia, İtalya (Talk), Procedia Engineering 87(2014) 803-806.
24. Genç, A., Arenal, R., Patarroyo, J., Henrard, L., Gonzalez, E., Puentes, V. and Arbiol, J. (2014). "Plasmonic properties of hollow AuAg nanostructures by STEM-EELS", 18th International Microscopy Congress, IMC 2014, Prag, Çek Cumhuriyeti (Poster).
25. Patarroyo, J., Genç, A., Arenal, R., Gonzalez, E., Puentes, V. and Arbiol, J. (2014). "STEM-EELS mapping of the surface plasmon resonances of bimetallic AuAg complex hollow nanoparticles", Nanoscience with Nanocrystals, NaNaX 6, Bad Hofgastein, Avusturya (Poster).
26. Genç, A., Arenal, R., Patarroyo, J., Henrard, L., Gonzalez, E., Puentes, V. and Arbiol, J. (2013). "Mapping the surface plasmon resonances of single and double wall AuAg nanoboxes via STEM-EELS", Materials Research Society 2013 Fall Meeting & Exhibit, MRS Fall 2013, Boston, Massachusetts, ABD (Poster).
27. Genç, A., de la Escosura-Muñiz, A., Merkoçi, A. and Arbiol, J. (2013). "HRTEM Characterization and Modeling of Spheroidal Decahedron Shaped Au Nanoparticles", Microscopy at the Frontiers of Science, MFS2013, Tarragona, İspanya (Poster).
28. Genç, A., Duman, Ş., Özkal, B. and Öveçoğlu, M.L. (2012). "Enhancing the Sinterability of ZnO Nanopowders via Short Time Cryogenic Milling", 12nd International Conference on Novel and Nano Materials, ISNNM 2012, İstanbul, Türkiye (Talk).
29. Genç, A. and Öveçoğlu, M.L. (2011). "Synthesis and microstructural characterizations of ZnO nanowires", 20th National Electron Microscopy Congress with International Participation, 25-28 Ekim, 2011, Antalya, Türkiye (Talk).
30. Genç, A., Coşkun, S. and Öveçoğlu, M.L. (2010). "Growth and characterization of W₁₈O₄₉ nanorods on sintered W substrates", 17th International Microscopy Congress, IMC17,

- Symposium M1-Nanowires, Nanotubes and Particles, Rio de Janeiro, Brezilya (Poster).
31. Ađaođulları, D., Gökçe, H., Genç, A., Duman, İ. and Öveçođlu, M.L. (2010). "Characterization of mechanically alloyed and sintered ZrC particulate reinforced Al matrix composites", 19th International Conference on Metallurgy and Materials, Metals2010, Non-Ferrous Metals and Alloys Session, Roznov pod Radhostem, Çek Cumhuriyeti (Talk).
 32. Genç, A., Coşkun, S. and Öveçođlu, M.L. (2009). "Microstructural Characterizations of Mechanically Alloyed and Sintered W–TiC–Ni Composites", I. International Ceramic, Glass, Porcelain Enamel, Glaze and Pigment, SERES09, Eskişehir, Türkiye (Poster).
 33. Genç, A., Coşkun, S. and Öveçođlu, M.L. (2009). "Production of TiC/VC Dispersed W-Ni Nano Composites", International Conference on Nanomaterials and Nanosystems, NanoMats2009, İstanbul, Türkiye (Talk).
 34. Genç, A., Coşkun, S. and Öveçođlu, M.L. (2009). "Development and Characterization Investigations of Mechanically Alloyed W-VC-Ni Composites", 2009 International Conference on Powders Metallurgy & Particulate Materials, PowderMet2009, Las Vegas, Nevada, ABD (Talk).
 35. Coşkun, S., Genç, A. and Öveçođlu, M.L. (2009). "Development and Characterization Investigations of Mechanically Alloyed W-Mn-VC Composites", 2009 International Conference on Powders Metallurgy & Particulate Materials, PowderMet2009, Las Vegas, Nevada, ABD (Talk).
 36. S Coşkun, S., Genç, A. and Öveçođlu, M.L. (2009). "Development and Characterization Investigations of Mechanically Alloyed W-Ni/TiC Composites", The Minerals, Metals & Materials Society 138th Annual Meeting and Exhibition, TMS2009, San Francisco, California, ABD (Talk).

ARAŞTIRMA PROJELERİ:

1. Yürütücü, Demir Oksitin (Fe_2O_3) Fotokatalitik Özelliklerinin Nanomühendislik Yaklaşımlarıyla Geliştirilmesi: Plazmon Destekli Boşluklu Fe_2O_3 Nanoyapılar, (TÜBİTAK 3001- Bütçe: 83463 TL) 2017 – 2018.
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