

Prof. Dr. Mustafa Sabri GÖK
Makine Mühendisliği
Bartın Üniversitesi
E-posta: msabrigok@bartin.edu.tr

EĞİTİM BİLGİLERİ:

Doktora: (2008) Metalurji eğt. Metalurji, Fırat Üniversitesi, Elazığ, TÜRKİYE.
Yüksek Lisans: (2001) Metalurji eğt. Metalurji, Fırat Üniversitesi, Elazığ, TÜRKİYE.
Lisans: (1996) Makine Öğretmenliği, Makine, Fırat Üniversitesi, Elazığ, TÜRKİYE.

ÜNVAN:

2018-	Professor	Makine Mühendisliği, Bartın Üniversitesi, Bartın, TÜRKİYE.
2013-2018	Doçent	Makine Mühendisliği, Bartın Üniversitesi, Bartın, TÜRKİYE.
2009-2013	Yrd. Doç Dr.	Met ve Malz Mühendisliği, Bartın Üniversitesi, Bartın, TÜRKİYE.

YAYINLANMIŞ KİTAPLAR ve KİTAPLARDA BÖLÜMLER:

1. D. ÖZKAN, M. S. GÖK & A. C. KARAOĞLANLI, Carbon Fiber Reinforced Polymer (CFRP) Composite Materials, Their Characteristic Properties, Industrial Application Areas and Their Machinability, Engineering Design Applications III (235 - 253), ISBN: 978-3-030-39061-7: Springer, Kitapta Bölüm.
2. H. ÇALIŞKAN, B. KURŞUNCU, Ş. Y. GÜVEN, A. C. KARAOĞLANLI, M. S. GÖK & A. ALSARAN, Effect of Boron Nitride Coating on WearBehavior of Carbide Cutting Toolsin Milling of Inconel 718, Machining Joining and Modifications of Advanced Advanced Structured Materials, ISBN: 978-981-10-1081-1: Springer, Kitapta Bölüm.

PATENTLER:

TR 2015 02515 B

Aşınmaya Dirençli Yeni Bir Seramik Malzemesi ve Kaplanması.

YAYINLANMIŞ MAKALELER (SCI indeks):

1. T. YENER, A. ERDOĞAN, M. S. GÖK & S. ZEYTİN, Formation, Characterization, and Wear Behavior of Aluminide Coating on Mirrax® ESR Steel by Low-Temperature Aluminizing Process, *Journal of Tribology*, 2021, 0742-4787, 143, 1.
2. A. ERDOĞAN, A. GÜNEN, M. S. GÖK & K. M. DÖLEKER, Microstructure and mechanical properties of borided CoCrFeNiAl_{0.25}Ti_{0.5} high entropy alloy produced by powder metallurgy, *Vacuum*, 2021, 0042-207X, 183, 109820.
3. A. ERDOĞAN, B. KURŞUNCU, A. GÜNEN, M. KALKANDELEN & M. S. GÖK, A new approach to sintering and boriding of steels ?Boro-sintering?: Formation, microstructure and wear behaviors, *Surface Coatings Technology*, 2020, 0257-8972, 386, 125482.
4. D. ÖZKAN, M. S. GÖK & A. C. KARAOĞLANLI, Carbon Fiber Reinforced Polymer (CFRP) Composite Materials, Their Characteristic Properties, Industrial Application Areas and Their Machinability, *Advanced Structured Materials*, 2020, 978-3-030-39061-7, 124, 235-253.
5. A. GÜNEN, M. KALKANDELEN, M. S. GÖK, E. KANCA, B. KURT, M. S. KARAKAŞ, İ. H. KARAHAN & M. ÇETİN, Characteristics and high temperature wear behavior of chrome vanadium carbide composite coatings produced by thermo-reactive diffusion, *Surface and Coatings Technology*, 2020, 0257-8972, 402, 126402.
6. S. DAL, M. SÜTÇÜ, M. S. GÖK & O. GENÇEL, Characteristics of lightweight diatomite-based insulating firebricks, *Journal of the Korean Ceramic Society*, 2020, 1229-7801", "2234-0491, 57, 2, 184-191.
7. F. KOÇYİĞİT, F. YILDIZ, M. S. GÖK & V. V. ÇAY, Dry-sliding wear behavior of AISI 4140 barrel steel at elevated temperatures, *Materials Testing*, 2020, 0025-5300, 62, 2, 189-195.
8. SABRİ ALKAN, M. S. GÖK, Effect of sliding wear and electrochemical potential on tribocorrosion behaviour of AISI 316 stainless steel in seawater, *Engineering Science and Technology, an International Journal*, 2020, 2215-0986.
9. D. ÖZKAN, M. S. GÖK & A. C. KARAOĞLANLI, Experimental Study on Tool Wear and Delamination in Milling CFRPs with TiAlN- and TiN-Coated Tools, *Coatings*, 2020, 2079-6412, 10, 7, 623.

10. B. KURŞUNCU, A. ERDOĞAN, M. S. GÖK & B. DEMİREL, Investigation of mechanical and tribological properties of different grain size iron scale reinforced polymer composite, *Polymers and Polymer Composites*, 2020, 0967-3911.
11. B. DEMİREL, M. S. GÖK, A. ERDOĞAN, B. KURŞUNCU & T. KİRAZ, Mechanical and tribological properties of waste iron scale reinforced polypropylene composite, *Industrial Lubrication And Tribology*, 2020, 0036-8792.
12. A. USTAOĞLU, B. KURŞUNCU, M. ALPTEKİN & M. S. GÖK, Performance optimization and parametric evaluation of the cascade vapor compression refrigeration cycle using Taguchi and ANOVA methods, *Applied Thermal Engineering*, 2020, 1359-4311, 180, 115816.
13. A. GÜNEN, M. KALKANDELEN, İ. H. KARAHAN, B. KURT, E. KANCA, M. S. GÖK & M. S. KARAKAŞ, Properties and Corrosion Behavior of Chromium and Vanadium Carbide Composite Coatings Produced on Ductile Cast Iron by Thermoreactive Diffusion Technique, *Journal of Engineering Materials and Technology*, 2020, 0094-4289, 142, 4.
14. M. KILIÇ, D. ÖZKAN, A. C. KARAOĞLANLI & M. S. GÖK, Room- and high temperature Wear Resistance of MCrAlY Coatings Deposited by Detonation Gun (D-gun) and Supersonic Plasma Spraying (SSPS) Techniques, *Coatings*, 2020, 2079-6412, 10, 11, 1107.
15. M. ÖGE, D. ÖZKAN, M. B. ÇELİK, M. S. GÖK & A. C. KARAOĞLANLI, An Overview of Utilization of Blast Furnace and Steelmaking Slag in Various Applications, *Materials Today: Proceedings*, 2019, 22147853, 11, 1, 516-525.
16. A. ERDOĞAN, M. S. GÖK & S. ZEYTİN, Analysis of the high-temperature dry sliding behavior of CoCrFeNiTi0.5Al_x high-entropy alloys, *Friction*, 2019, 2223-7690.
17. A. ERDOĞAN, M. S. GÖK, V. KOÇ & A. GÜNEN, Friction and Wear Behavior of Epoxy Composite Filled with Industrial Wastes, *Journal Of Cleaner Production*, 2019, 0959-6526, 237, 1-9.
18. D. ÖZKAN, P. PANJAN, M. S. GÖK & A. C. KARAOĞLANLI, Investigation of machining parameters that affects surface roughness and cutting forces in milling of CFRPs with TiAlN and TiN coated carbide cutting tools, *Materials Research Express*, 2019, 2053-1591, 6, 9, 95616.
19. D. ÖZKAN, M. S. GÖK, H. GÖKKAYA & A. C. KARAOĞLANLI, Machining effects on delamination failure in milling MD-CFRPs with uncoated carbide tools, *Emerging Materials Research*, 2019, 2046-0147, 8, 4, 1-11.
20. D. ÖZKAN, M. S. GÖK, M. ÖGE & A. C. KARAOĞLANLI, Milling Behavior Analysis of Carbon Fiber-Reinforced Polymer (CFRP) Composites, *Materials Today: Proceedings*, 2019, 22147853, 11, 1, 526-533.
21. T. YENER, A. ERDOĞAN, M. S. GÖK & S. ZEYTİN, Nb and B effect on mechanical properties of TiAl based intermetallic materials, *Vacuum*, 2019, 0042-207X, 169, 108867.

23. A. GÜNEN, B. KURT, P. MİLNER & M. S. GÖK, Properties and tribological performance of ceramic-base chromium and vanadium carbide composite coatings, *International Journal of Refractory Metals and Hard Materials*, 2019, 02634368, 81, 333-344.
24. D. ÖZKAN, M. S. GÖK, H. GÖKKAYA & A. C. KARAOĞLANLI, The Effect of Cutting Parameters on Tool Wear During the Milling of CFRP Composites, *Materials Science*, 2019, 2029-7289, 25, 1, 42-46.
25. M. ÖGE, Y. KÜÇÜK, M. S. GÖK & A. C. KARAOĞLANLI, title Comparison of dry sliding wear behavior of plasma sprayed FeCr slag coating with Cr sub2/sub O sub3/sub and Al sub2/sub O sub3/sub ?13TiO sub2/sub coatings/title, *International Journal of Applied Ceramic Technology*, 2019, 1546-542X, 16, 6, 2283-2298.
26. A. GÜNEN, Y. KANCA, İ. H. KARAHAN, M. S. KARAKAŞ, M. S. GÖK, E. KANCA & A. ÇÜRÜK, A comparative study on the effects of different thermochemical coating techniques on corrosion resistance of STKM-13A steel, *Metallurgical And Materials Transactions A-Physical Metallurgy And Materials Science*, 2018, 1073-5623, 49, 11, 5833-5847.
27. Y. KÜÇÜK, M. ÖGE, M. S. GÖK & A. C. KARAOĞLANLI, Ferrochromium slag as a protective coating material against oxidation for caster rolls, *International Journal Of Applied Ceramic Technology*, 2018, 1546-542x.
28. A. GÜNEN, E. KANCA, M. S. KARAKAŞ, V. KOÇ, M. S. GÖK, Y. KANCA, A. ÇÜRÜK & M. DEMİR, High temperature wear behavior of the surface-modified externally cooled rolls, *Surface and Coatings Technology*, 2018, 0257-8972, 348, 130-141.
29. B. KURT, A. GÜNEN, Y. KANCA, V. KOÇ, M. S. GÖK, E. KIRAR & K. ASKEROV, Properties and Tribologic Behavior of Titanium Carbide Coatings on AISI D2 Steel Deposited by Thermoreactive Diffusion, *JOM*, 2018, 1047-4838, 70, 11, 2650-2659.
30. M. S. GÖK, Y. KÜÇÜK, A. ERDOĞAN, M. ÖGE, E. KANCA & A. GÜNEN, Dry sliding wear behavior of borided hot-work tool steel at elevated temperatures, *Surface Coatings International*, 2017, 1754-0925.
31. İ. KARADEMİR, O. ÜNAL, S. ATEŞ, H. GÖKÇE & M. S. GÖK, Effect of Severe Plastic Deformation on Wear Properties of Aluminum Matrix Composites, *Acta Physica Polonica A*, 2017, 0587-4246, 131, 487-489.
32. A. GÜNEN, E. KANCA, H. ÇAKIR, M. S. KARAKAŞ, M. S. GÖK, Y. KÜÇÜK & M. DEMİR, Effect of borotitanizing on microstructure and wear behavior of Inconel 625, *Surface Coatings Technology*, 2017, 0257-8972.
33. Y. KÜÇÜK, A. ÖZTEL, M. Y. BALALI, M. ÖGE & M. S. GÖK, Evaluation of the wear behavior of nitride-based PVD coatings using different multi-criteria decision-making methods, *Materiali In Tehnologije*, 2017, 1580-2949, 51, 2, 307-316.

34. A. GÜNEN, Y. KÜÇÜK, Y. ER, V. V. ÇAY, M. ÖGE & M. S. GÖK, Effect of the powder particle size on the wear behavior of boronized AISI 304 stainless steel, *Materials Testing*, 2015, 1580-2949, 57, 5, 468-473.
35. M. S. GÖK, Experimental investigations on welding and mechanical characteristics of the sintered forged plain carbon steel under A TIG welding, *Materials and Design*, 2015, 0000-0000.
36. A. C. KARAOĞLANLI, H. ÇALIŞKAN, M. S. GÖK, A. ERDOĞAN & A. TÜRK, A Comparative Study of the Microabrasion Wear Behavior of CoNiCrAlY Coatings Fabricated by APS HVOF and CGDS Techniques, *Tribology Transactions*, 2014, 1040-2004, 57, 1, 11-17.
37. A. GÜNEN, M. ULUTAN, M. S. GÖK, B. KURT & N. ORHAN, Friction And Wear Behaviour Of Borided Aisi 304stainless Steel With Nano Particle And Micro Particlesize Of Boriding Agents, *Journal of the Balkan Tribological Association*, 2014, 0000-0000, 20, 3, 362-379.
38. B. KURT, Y. KÜÇÜK & M. S. GÖK, Microabrasion Wear Behavior of VC and CrC Coatings Deposited by Thermoreactive Diffusion Technique, *Tribology Transactions*, 2014, 0000-0000, 57, 345-352.
39. M. H. KORKUT, Y. KÜÇÜK, A. C. KARAOĞLANLI, A. ERDOĞAN, Y. ER & M. S. GÖK, Effect Of The Abrasive Grit Size On The Wear Behavior Of Ceramic Coatings During A Micro Abrasion Test, *Materiali In Tehnologije*, 2013, 0000-0000, 47, 6, 695-699.
40. A. GÜNEN, M. S. GÖK, A. ERDOĞAN, B. KURT & N. ORHAN, Investigation of Microabrasion Wear Behavior of Boronized Stainless Steel with Nanoboron Powders, *Tribology Transactions*, 2013, 1040-2004, 56, 3, 400-409.
41. H. ÇALIŞKAN, A. ERDOĞAN, P. PETER, M. S. GÖK & A. C. KARAOĞLANLI, Micro Abrasion Wear Testing Of Multilayer nano composite Tialsin Tisin Tialn Hardcoatings Deposited On The Aisi H11 Steel, *Materiali In Tehnologije*, 2013, 1580-2949, 47, 5, 563-568.
42. O. GENÇEL, M. SÜTÇÜ, E. ERDOĞMUŞ, V. KOÇ, V. V. ÇAY & M. S. GÖK, Properties of bricks with waste ferrochromium slag and zeolite, *Journal Of Cleaner Production*, 2013, 0959-6526, 59, 111-119.
43. V. V. ÇAY, S. OZAN, M. S. GÖK & A. ERDOĞAN, The Effect of Shielding Gas Composition on Microstructure and Abrasive Wear Resistance Fabricated with PTA Alloying Technique, *Archives of Metallurgy and Materials*, 2013, 1733-3490, 58, 4.
44. O. ÜNAL, R. VAROL, A. ERDOĞAN & M. S. GÖK, Wear behaviour of low carbon steel after severe shot peening, *Materials Research Innovations*, 2013, 1432-8917, 17, 7, 519-523.
45. O. GENÇEL, W. BROSTOW, M. GONZALO & M. S. GÖK, Mechanical properties of polymer concretes containing different amount of hematite or colemanite, *Polimery*, 2012, 00322725, 57, 4, 276-283.
46. İ. PEKGÖZLÜ, E. ERDOĞMUŞ, B. DEMİREL, M. S. GÖK & H. KARABULUT, A novel UV emitting phosphor $\text{Li}_6\text{CaB}_3\text{O}_8 \cdot 5\text{Pb}_2$, *Journal Of Luminescence*, 2011, 0022-2313, 131, 11, 2290-2293.

- 47.** M. S. GÖK, Y. KÜÇÜK, O. GENÇEL, V. KOÇ & W. BROSTOW, Application of Taguchi Method to Study Abrasive Wear Behavior of Ceramic Coated Specimens with Plasma Technique, *Mechanics Of Advanced Materials And Structures*, 2011, 1537-6494, 18, 6, 389-395.
- 48.** O. GENÇEL, F. KOCABAŞ, M. S. GÖK & F. KÖKSAL, Comparison of artificial neural networks and general linear model approaches for the analysis of abrasive wear of concrete, *Construction And Building Materials*, 2011, 0950-0618, 25, 8, 3486-3494.
- 49.** M. S. GÖK, O. GENÇEL, V. KOÇ, Y. KÜÇÜK & V. V. ÇAY, Effect of abrasive particle sizes on abrasive wear of ceramic coatings sprayed by plasma process, *Powder Metallurgy And Metal Ceramics*, 2011, 1068-1302, 50, 5-6, 322-330.
- 50.** O. GENÇEL, W. BROSTOW & M. S. GÖK, Effect of metallic aggregate and cement content on abrasion resistance behaviour of concrete, *Materials Research Innovations*, 2011, 1432-8917, 15, 2, 116-123.
- 51.** V. V. ÇAY, S. OZAN & M. S. GÖK, The effect of hydrogen shielding gas on microstructure and abrasive wear behavior in the surface modification process using the tungsten inert gas method, *Journal Of Coatings Technology And Research*, 2011, 1547-0091, 8, 1, 97-105.
- 52.** M. S. GÖK, The effect of different ceramics on the abrasive wear behavior of coating surface produced by the plasma process, *International Journal of the Physical Sciences*, 2010, 0000-0000, 5, 5, 535-546.
- 53.** M. H. KORKUT & M. S. GÖK, Abrasive wear characteristics of coating area of low carbon steel surface alloyed through tungsten inert gas welding process, *Surface Engineering*, 2009, 0267-0844, 25, 7, 517-525.
- 54.** M. H. KORKUT & M. S. GÖK, Effects of different metals on adhesive wear behaviour of alloy surface produced by TIG process, *Tribology - Materials, Surfaces & Interfaces*, 2008, 1751-5831, 2, 3, 139-145.
- 55.** M. H. KORKUT, V. KOÇ & M. S. GÖK, Abrasive wear behaviour of sintered composite austenitic stainless steels having γ Fe and $M_{23}C_6$ phases title, *Tribology - Materials, Surfaces & Interfaces*, 2007, 1751-5831, 1, 3, 124-130.
- 56.** M. H. KORKUT, V. KOÇ & M. S. GÖK, Adhesive and abrasive wear behaviour of TiC alloyed sintered austenitic stainless steels, *Tribology - Materials, Surfaces & Interfaces*, 2007, 1751-5831, 1, 4, 173-180.

YAYINLANMIŞ KONFERANS MAKALELERİ:

1. **Gök, M.S.** Koç, V. Korkut, M.H. Yıldırım M.M. (2006) 'Toz Metalurjisi İle Üretilen Ostenitik Paslanmaz Çeliğin Mekanik Özelliklerine Karbür Yapıcı Elementlerin Etkisi'. 11. Uluslararası Malzeme Sempozyumu, Denizli, Türkiye.
2. Korkut, M.H. Koç, V. **Gök, M.S.** Yıldırım M.M. (2006) 'Toz Metalurjisi İle Üretilen Ostenitik Paslanmaz Çeliğin Abrasiv Aşınma Direncine Molibdenin Etkisi'. 11. Uluslararası Malzeme Sempozyumu, Denizli, Türkiye.
3. **Gök, M.S.** Koç, V. Korkut, M.H. Yıldırım M.M. (2006) 'Toz Metalurjisi İle Üretilen Ostenitik Paslanmaz Çeliğin Adhesiv Aşınma Direncine Molibdenin Etkisi'. 11. Uluslararası Malzeme Sempozyumu, Denizli, Türkiye.
4. **Gök, M.S.** Küçük, Y. Erdoğan, A. (2012) 'Abrasive Slurry wear yöntemi kullanılarak yüksek fırın cürufunun seramik kaplamalar üzerinde aşındırma özelliğinin belirlenmesi' 14. Uluslararası Malzeme Sempozyumu, Denizli, Türkiye.
5. Ünal, O. Varol, R. Erdoğan, A. **Gök, M.S.** (2012) 'Wear Behaviour of low carbon steel After Severe Shot Peening' 14. Uluslararası Malzeme Sempozyumu, Denizli, Türkiye.
6. **Gök M.S.** Küçük, Y. Öge, M. Sağlam, G. Günen, A. (2016) 'Microabrasion wear behavior of boronized cold worked tool steel.336'. International Conference on Material Science and Technology in Cappadocia, Nevsehir, Turkey.
7. Küçük, Y. **Gök M.S.** Öge M. (2016), The effect of particle size on adhesive wear behaviour ceramic coating with oxide content., 386. International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), Nevsehir, Turkey.
8. Küçük, Y. **Gök M.S.** Öge M. (2016). 'High temperature wear behaviour of CR₂O₃ coating deposited with aps method' 459. International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), Nevsehir, Turkey.
9. Küçük, Y. **Gök M.S.** Öge M. (2016). 'High temperature wear behaviour of Al₂O₃+TiO coating deposited with aps method'. 706. International Conference on Material Science and Technology in Cappadocia, Nevsehir, Turkey
10. Dal, S. Sütçü, M. **Gök, M.S.** Gençel, O. (2016) 'Effect of vermiculite addition on the sintering properties of fireclay refractory bricks' 395. International Conference on Material Science and Technology in Cappadocia, Nevsehir, Turkey.

11. Dal, S. Sütçü, M. **Gök, M.S.** Gençel, O. (2016). 'Investigation of the properties of vermiculite based bricks produced using a clay binder., 957. International Conference on Material Science and Technology in Cappadocia Nevsehir, Turkey
12. Dal, S. Sütçü, M. **Gök, M.S.** Gençel, O. . (2016). 'Effect of binder clay additions on the sintering properties of fireclay refractory bricks., 1002. International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), Nevsehir, Turkey.
13. **Gök, M.S.** Kursuncu, B. (2017) Wearing Characteristic of Granulated Blast Furnace Slag on AISI 1020 and AL 6061 Materials Fourteenth International Conference on Flow Dynamics November, Sendai, Miyagi, Japan.
14. Koç, V. **Gök, M.S.** Küçük, Y. Türkyücel H. (2017). 'Dry Sliding Wear Behavior of Epoxy Composite Reinforced with Steelmaking Slag. International Advanced Researches & Engineering Congress-Osmaniye, Turkey.
15. Günen, A. Kanca, E. Karakaş, M.S. **Gök, M.S.** Demir, M. Çürük, A. Kırar, E. (2017) Investigation of the Corrosion Behavior of Surface-Modified STKM-13A Steel in Hydrofluoric Acid Solution., International Advanced Researches & Engineering Congress-Osmaniye, Turkey.
16. Ustaoglu, A. Kurtoğlu, K. Gençel, O. Erdoğmuş, E, **Gök, M.S.** (2017) 'Effect of paper waste reinforced clay bricks on building energy cost'_1st International Symposium on Multidisciplinary Studies and Innovative Technologies Proceedings Book, Tokat, Turkey.
17. Ustaoglu, A. Kurtoğlu, K. Gençel, O. Erdoğmuş, E, **Gök, M.S.** (2017) 'Eva'luatıon of building energy performance with paper waste reinforced clay brick' 1st International Symposium on Multidisciplinary Studies and Innovative Technologies Proceedings Book, Tokat, Turkey.
18. Özkan, D. **Gök, M.S.** Gökkaya, H. Karaođlanlı A.C. (2018). 'Delamination failure mechanisms that arise during the milling of Carbon Fiber Reinforced Polymers'. Karabük, Turkey.
19. Özkan, D. **Gök, M.S.** Gökkaya, H. Karaođlanlı A.C. (2018). 'Investigation of Surface Roughness during the Milling of Carbon Fiber Reinforced Polymers'. Karabük, Turkey.

ARAŞTIRMA PROJELERİ:

1. Araştırmacı, Taneleri İnceltilmiş Mangan Islah Çeliğinin Aşınma Davranışlarının Araştırılması, (Fırat Üniversitesi – 2000 TL), 2002.
2. Araştırmacı, Düşük ve Orta Karbonlu Çeliklerin Yüzeyine Tig Kaynak Metoduyla Kaplanan Ostenitik Paslanmaz Çelik Tozunun Aşınma Direncine Karbür İçeriğinin Etkisinin Araştırılması, (Fırat Üniversitesi – 2000 TL), 2002.
3. Yürütücü, Mikro-abrasyon Testinde Oksit İçerikli Atık Malzemelerin Aşındırma Karakteristiklerinin Araştırılması, (Bartın Üniversitesi – 2000 TL), 2012.
4. Araştırmacı, Farklı Bileşime Sahip Sert Maden Kesici Uçların Mikro Aşınma Davranışlarının İncelenmesi, (Fırat Üniversitesi – 5000 TL), 2013.
5. Yürütücü, Genleştirilmiş vermikülit, diatomit ve şamot kili içeren hafif refrakter izolasyon tuğlalarının geliştirilmesi ve özelliklerinin incelenmesi, (Bartın Üniversitesi – 5000 TL), 2014.
6. Yürütücü, Endüstriyel Atıkların RWAT (Rubber Whell Abrasion Test) Yöntemi Kullanılarak Aşındırma Özelliklerinin Araştırılması, (Bartın Üniversitesi – 10000 TL), 2012.
7. Araştırmacı, Atık FeCr cüruf tozunun termal sprej yöntemi ile kaplanması ve aşınma ve oksidasyon davranışlarının oksit içerikli ticari kaplamalarla karşılaştırılması. **(TÜBİTAK, MAG-113M178 150000 TL), 2013.**
8. Yürütücü, Endüstriyel Atık Katkılı Polimer Matrisli Kompozitin Adeziv Aşınma Davranışı, (Bartın Üniversitesi – 4000 TL), 2018.
9. Araştırmacı, Küresel Grafitli Dökme Demirin Yüksek Sıcaklık Aşınma, Termal Yorulma ve Korozyon Dirençlerinin Geliştirilmesi. **(TÜBİTAK, MAG-118M760 150000 TL), 2019.**