CURRICULUM VITAE

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h-index : 31 (Google Scholar)
i10-İndex : 51 (Google Scholar)

Main Research: Powder Technology, Powder Metallurgy, Sintering, Additive Manufacturing, Material Characterization

EDUCATION

Undergraduate	B.Sc., Marmara University, Technical Education Faculty, Material Department, 1994
Masters	M.Sc., Marmara University, Science and Technology Institute, Department of Materials Science Program, 1996
Ph.D.	Ph.D., Marmara University, Science and Technology Institute, Department of Materials Science Program, 2003

THESIS

B.Sc.	Advisor: Assoc. Prof. H. KURT, "C-Type Hydraulic Press Design and Manufacturing", Marmara University, Technical Education Faculty, Material Department, July 1994.
M.Sc.	Advisor: Prof.Dr. S.SALMAN, "Investigation of Mechanical Properties of Structural Ferrous Parts Manufactured by Powder Metallurgy", Marmara University, Science and Technology Institute, Department of Materials Science Program, July 1996.
Ph.D.	Advisor: Prof.Dr. S.SALMAN, "The Effect of Two Types of Added Boron on the Microstructure and Mechanical Properties of 17-4 PH Stainless Steel Parts Produced by Powder Injection Molding", Marmara University, Science and Technology Institute, Department of Materials Science Program, September 2003.

PROFESSIONAL SOCIETIES

- 1995- Turkish Powder Metallurgy Assoc.
- 2003- TMS
- 2003- APMI

ACADEMIC POSITIONS

1994-2005	Research Assistant Marmara University Technical Education Faculty Materials Science Division 81040, Göztepe - Istanbul / TURKEY
1998-2006	Researcher (Part time) TUBITAK-MRC Materials and Chemical Technologies Research Institute, Kocaeli
2005-2010	Assistant Professor Marmara University Technical Education Faculty Materials Science Division 81040, Göztepe - Istanbul / TURKEY
2007-2008	Post-Doctoral Center of advances Vehicular System, CAVS Mississippi State Univ. Starkville, MS, USA
2008-2011	Advisor TUBITAK-MRC Materials and Chemical Technologies Research Institute, Kocaeli
2010-2016	Assoc. Professor Marmara University Technology Faculty Metallurgical and Materials Engineering Department 81040, Göztepe - Istanbul / TURKEY
2014-2014	Visiting Scientist San Diego State University Mechanical Eng. San Diego, CA, USA
2016-Present	Full Professor Marmara University Technology Faculty Metallurgical and Materials Engineering Department 81040, Göztepe - Istanbul / TURKEY
2018-2018	**V**isiting Scientist University of Louisville Mechanical Eng. Louisville, KY, USA

APPOINTMENT

Coordinator	Marmara University, Scientific Research Project Foundation
Vice od Dean	Marmara University, Technology Faculty
Director	Marmara University, Nanotechnology and Biomaterial Research and Implementation Centre
Head of Chair	Marmara University, Technology Faculty, Material Science
Member of Quality Board	Marmara University
Member of Scientific Research Project Foundation Board	Marmara University
Member of Faculty Committee	Marmara University, Technology Faculty
Member of Faculty Board	Marmara University, Technology Faculty
Member of The Academic Incentive Board	Marmara University

PROJECTS

1. 1998 - 2001: **Project Researcher**, "The Investigation of Wear Behaviors in Different Ceramic Coatings depends on Coating Thickness and Surface Roughness", (Marmara University Research Fund)
2. 2002 - 2006: **Project Researcher**, "Effect of Different Boron Additions on Sintering Behaviors, Mechanical Properties and Machinability of Different Iron Powder", (Marmara University Research Fund)
3. 2006-2007: **Project Coordinator**, "Production of Al-B4C composites parts by powder injection molding", (Marmara University Research Fund)
4. 2006-2007: **Project Coordinator**, "Enhancing of stainless steel produced by powder injection molding", (Marmara University Research Fund)
5. 2006-2009: **Project researcher**, "Production of body armour for defense and military", (DPT Research Fund)
6. 2007- 2008: **Project researcher**, "Production of Heavy Vehicle Components from Low-Cost Ti Powder", Department of Energy (DOE), USA
7. 2008- 2009: **Project Coordinator**, "Improvement of wear properties of cast irons", (Marmara University Research Fund)
8. 2008 - 2010: **Project Coordinator**, "Improvement of wear properties of cast irons", (Marmara University Research Fund)
9. 2008 - 2009: **Project Coordinator**, Injection molded Ti and stainless steel part for biomedical applications and biomaterial" , (Marmara University Research Fund)
10. 2008 - 2010: **Project Coordinator**," Injection molded and extruded WC-Co part for tool and machinery applications", (Marmara University Research Fund)
11. 2008 - 2009: **Project Coordinator**, "Shaping of SiC parts by advances powder metallurgy processing", (Marmara University Research Fund)
12. 2010-2013 : **Project Coordinator**, "PIM of 316L stainless steel for medical and Bio-materials (Marmara University Research Fund)
13. 2012-2015 : **Project Coordinator**, "New titanium alloys for bio-applications: invivo and invitro bio activity" (Marmara University Research Fund)
14. 2013-2015: **Project Coordinator**, "Production and characterization of Superalloy foams"

15. 2015-2016 : **Project Coordinator**, "PIM of Boron carbide blast nozzle: production, characterization and application" (Tubitak-1003)
16. 2014-2016: **Project Coordinator**, "Rheological properties of boron carbide feedstock" (Marmara University Research Fund)
17. 2014-2015 **Project Coordinator**, "PIM of cobalt based superalloys : production, microstructural evolution and mechanical properties" (Marmara University Research Fund)
18. 2012-2015 : **Project Coordinator**, "Nickel based super alloys manufactured by space holder technique" (Marmara University Research Fund)
19. 2017-2018 : **Project Coordinator,** "Powder injection molding of co-based superalloys : Microstrucrure, mechanical and corrosion properties", (Marmara University Research Fund)
20. 2013-2015 : **Project Maneger,** "Production of superalloys by powder metallurgy", (Marmara University Research Fund)
21. 2014-2016 : **Project Maneger,** "Powder injection molding of Boron Carbide parts : Production and wear properties", (Tubitak-1003-213M26)
22. 2013-2016 : **Project Coordinator,** "Nickel based superalloys foams : production, structure and mechanical properties", (Marmara University Research Fund)
23. 2015-2016 : **Proje researcher,** "Improvement of Marmara University facility", Tubitak-1501
24. 2015-2017 : **Project Coordinator,** "Rheological and debinding properties of boron carbide feedstocks, (Marmara University Research Fund)
25. 2013-2016 : **Project Coordinator,** "PIM of 316L SS for biomedical applications", (Marmara University Research Fund)

PUBLICATIONS AND PRESENTATIONS

Peer-Reviewed Journal Articles

1. B Sorusbay, M Kaba, F Siyahcan, **HO Gulsoy**, MS Somer, F Muhaffel, H. Cimenoglu, "Boriding of Ti-xNb alloys: Influence of Nb on the features of boride layer", International Journal of Refractory Metals and Hard Materials 125,
2. A Nevcanoğlu, B Aydemir, **HÖ Gülsoy**, "The Effect of Aging Heat Treatments on Room and High-Temperature Wear Performance of the Inconel 718™ Manufactured by Laser Powder Bed Fusion", Arabian Journal for Science and Engineering, 1-19
3. E. Gayretli, B.Soruşbay, **H.Ö. Gülsoy**, "TOZ ENJEKSİYON KALIPLAMA YÖNTEMİ İÇİN ÜRETİLMİŞ KOBALT ESASLI SÜPERALAŞIM BESLEME STOKLARININ REOLOJİK ÖZELLİKLERİNİN İNCELENMESİ.", Journal of Engineering & Architectural Faculty of Eskisehir Osmangazi University
4. HH Bulduk, MT Yıldırım, S Çokatar, O Güner, E Toptaş, **HÖ Gülsoy**. "Klasik tasarım teknikleri ile tasarlanmış robot kol sonu takımının üretken tasarım yazılımı ile yeniden tasarlanılması", Karamanoğlu Mehmetbey Üniversitesi, 11 (3), 120-125
5. S. Bilgetay, B. Soruşbay, **H.Ö. Gülsoy**, "Toz enjeksiyon kalıplama tekniği için üretilen bor karbür besleme stoklarının reolojik ve bağlayıcı giderme özelliklerinin incelenmesi", Journal of Boron 7 (2), 453-460

6. M.N. Top, B. Soruşbay, **H.Ö.Gülsoy**, "Investigation of Microstructural, Mechanical and Corrosion Properties of Cu-10Sn Bronze Parts Produced by Selective Laser Melting", Türk Doğa ve Fen Dergisi 11 (2), 76-81
7. Y. BOZKURT, **H.Ö. GÜLSOY**, "Eklemeli İmalat Teknolojilerinin Tıbbi Ekipmanların Üretiminde Kullanımı", El-Cezeri Fen ve Mühendislik Dergisi 8 (2), 962 - 980
8. SD Nath, G Gupta, M Kearns, **O Gulsoy,** SV Atre, "Effects of layer thickness in laser-powder bed fusion of 420 stainless steel", Rapid Prototyping Journal, 2020/6/17
9. **O. Gulsoy,** O.ÖZGÜN, "Investigation of Microstructure and Mechanical Properties of FeCo Alloys Produced by Powder Injection Molding Method", Türk Doğa ve Fen Dergisi 9 (1), 6-11
10. I Topcu, BN Çetiner, AN Güllüoğlu, **Ö Gülsoy**, "Investigation of Creep Behavior of CNT Reinforced Ti6Al4V Under Dynamic Loads", Journal of The Chemical Society of Pakistan 42 (2), 70
11. L Yakut, **HO Gulsoy, "**Influence of Niobium additions on sintering behaviors and mechanical properties of injection molded 420 stainless steel powder", Nanomaterials Science & Engineering 1 (1), 34-41
12. I Yemisci, O Mutlu, N Gulsoy, K Kunal, S Atre, **HO Gulsoy, "**Experimentation and analysis of powder injection molded Ti10Nb10Zr alloy: A promising candidate for electrochemical and biomedical application", Journal of Materials Research and Technology 8 (6), 5233-5245
13. Subrata Deb Nath, Emma Clinning, Gautam Gupta, Vincent Wuelfrath-Poirier, Gilles L'Espérance, **Ozkan Gulsoy**, Martin Kearns, Sundar V Atre, "Effects of Nb and Mo on the microstructure and properties of 420 stainless steel processed by laser-powder bed fusion" Additive Manufacturing 28, 682-691
14. H Irrinki, SD Nath, M Alhofors, J Stitzel, **O Gulsoy**, SV Atre, "Microstructures, properties, and applications of laser sintered 17-4PH stainless steel", Journal of the American Ceramic Society 102 (9), 5679-5690
15. E Yılmaz, B Çakıroğlu, A Gökçe, F Findik, **HO Gulsoy**, N Gulsoy, Ö Mutlu, "Novel hydroxyapatite/graphene oxide/collagen bioactive composite coating on Ti16Nb alloys by electrodeposition", Materials Science and Engineering: C 101, 292-305
16. Subrata Deb Nath, Emma Clinning, Gautam Gupta, Vincent Wuelfrath-Poirier, Gilles L'Espérance, **Ozkan Gulsoy**, Martin Kearns, Sundar V Atre ,"Effects of Nb and Mo on the Microstructure and Properties of 420 Stainless Steel Processed by Laser-Powder Bed Fusion" , Additive Manufacturing
17. E Yılmaz, A Gökçe, F Fındık, **HÖ Gülsoy**, "Influence of Zr addition on the corrosion behavior of biomedical PIM Ti-16Nb alloy in SBF", International Journal of Materials Research 110 (4), 379-381
18. E Yılmaz, A Gökçe, F Findik, **HÖ Gülsoy**, "Biomedical porous Ti-16Nb-10Zr-(0–15) Ta alloys", International Journal of Materials Research 110 (4), 375-378
19. SD Nath, H Irrinki, G Gupta, M Kearns, **O Gulsoy**, S Atre, "Microstructure-property relationships of 420 stainless steel fabricated by laser-powder bed fusion" , Powder Technology 343, 738-746, 2019
20. YILMAZ EREN, GÖKÇE AZİM, FINDIK FEHİM, **GULSOY H.O.** (2018). Assessment of Ti–16Nb–xZr alloys produced via PIM for implant applications. Journal of Thermal Analysis and Calorimetry
21. Irrinki Harish,Jangam John Samuel,Pasebani Somayeh,Badwe Sunil,Stitzel Jason,kate kunal, **Gulsoy, H.O., A**tre sundar (2018). Effects of particle characteristics on the microstructure and mechanicalproperties of 17-4 PH stainless steel fabricated by laser-powderbed fusion. Powder Technology, 331, 192-203.

22. YILMAZ EREN, GÖKÇE AZİM, FINDIK FEHİM, **GULSOY H.O.** (2018). Metallurgical properties and biomimetic HA deposition performanceof Ti-Nb PIM alloys. Journal of Alloys and Compounds, 746, 301-313.
23. İ Topcu, AN Güllüoğlu, MK Bilici, HÖ Gülsoy, "Investigation of wear behavior of Ti-6Al-4V/CNT composites reinforced with carbon nanotubes", Journal of the Faculty of Engineering and Architecture of Gazi University, 2019
24. I TOPCU, **HO GULSOY**, AN GULLUOGLU, "Evaluation of Multi-Walled CNT Particulate Reinforced Ti6Al4V Alloy Based Composites Creep Behavior of Materials Under Static Loads, Gazi University Journal of Science 32 (1), 286-298, 2019
25. Timaç Gökhan, **GULSOY H.O.** (2017). Ni-718 superalloy foam processed by powder space-holder technique: Microstructural and mechanical characterization. kvove matarialy, 55(4), 95-105.
26. YILMAZ EREN, GÖKÇE AZİM, FINDIK FEHİM, **GULSOY H.O.** (2017). Characterization of biomedical Ti-16Nb-(0–4) Sn alloys produced by Powder Injection Molding. vacuum, 142, 164-174
27. TAŞDEMİR MÜNİR, **GULSOY H.O.** (2017). Water Absorption, Friction and Wear Behaviors of Polypropylene Composites Filled with Hydroxyapatite. Key Engineering Materials, 733, 60-64.
28. **GULSOY H.O**, ÖZBEY SEMİH, PAZARLIOĞLU SÜLEYMAN SERDAR, Mesut Çiftci, Hanifi Akyurt (2016). Sintering and Mechanical Properties of Titanium Composites Reinforced Nano Sized Al2O3 Particles. International Journal of Materials, Mechanics and Manufacturing, 4, 111-114.
29. **GULSOY H.O,** Bilketay Sezer (2016). Effect of Particle Size on Sintering Characteristics and Mechanical Properties of Injection Molded 316L Powder. Advanced Science, Engineering and Medicine, 8(1-4)
30. ÖZGÜN ÖZGÜR, **GULSOY H.O**, Bilketay Sezar (2016). Powder injection molding of Stellite 6 powder Sintering microstructural and mechanical properties. Materials Science and Engineering: A, 651(1), 914-924
31. BOZKURT YAHYA, BİLİCİ MUSTAFA KEMAL, SALMAN SERDAR, **GULSOY H.O.** (2016). Effect of Subsequent Aging on Wear Behaviour of SiCp Reinforced AA2124 Aluminum Metal Matrix Composite. Journal of Scientific and Engineering Research, 3(4), 34-40
32. **Gülsoy H.O**., Özbey S., Pazarlioglu S., Çiftci M., Akyurt H., Sintering and Mechanical Properties of Titanium Composites Reinforced Nano Sized Al2O3 Particles, Internatıonal Journal of Materıals, Mechanics and Manufacturıng, Vol. 4, No. 2, 111-114, May 2016
33. R. Yamanoglu, N. Gulsoy, E.A. Olevsky, **H.O. Gulsoy**, "Production of porous Ti5Al2.5Fe alloy via pressureless spark plasma sintering", Journal of Alloys and Compounds 680 (2016) 654-658
34. **GULSOY H.O.**., Günay, V. & Baykara, T. Influence of TiC, TiN and TiC(N) Additions on Sintering and Mechanical Properties of Injection Molded Titanium Based Metal Matrix Composites. powder metallurgy. Sayı 58. Cilt 1 sf 35-42 (2015)
35. **Gulsoy H.O,** Pazarlioglu S., Ozbey S., Effect of Zr, Nb and Ti Additions on Injection Molded 316L Stainless Steel: Microstructural, Mechanical Properties and Corrosion Resistance, Advanced Materials Research Vol 1119, pp 505-509, (2015)
36. Özgün Ö., Yılmaz R., **Gülsoy H.O.,** Fındık F., The Effect of Aging Treatment on the Fracture Toughness and Impact Strength of Injection Molded Ni-625 Superalloy Parts, Journal of Alloys and Compounds 108, 8–15, (2015)

37. **Gulsoy H.O**., Pazarlioglu S., Gundede B., Mutlu O., Gulsoy N., Effect of Zr, Nb and Ti Addition on Injection Molded 316L Stainless Steel for Bio-applications: Mechanical, Electrochemical and Biocompatibility Properties, Journal of the Mechanical Behavior of Biomedical Materials, 215–224, (2015)
38. ÖZGÜN ÖZGÜR, YILMAZ RAMAZAN, **GULSOY H.O**, FINDIK FEHİM (2015). The effect of aging treatment on the fracture toughness and impact strength of injection molded Ni 625 superalloy parts. Materials Characterization, 108(11), 8-15.
39. **GULSOY H.O.**. Sintering and Mechanical Properties of Injection Molded Low Cost Ti Alloys. Advanced Materials Research. Sayı 747. Cilt 747 sf 583-586 (2014)
40. **GULSOY H.O.**., Gülsoy, N., Çalışıcı, R. Particle Morphology Influence on Mechanical and Bioactivity Properties of Injection Molded Ti Alloy Powder. Bio-Medical Materials and Engineering. Sayı 5. Cilt 24 sf 1861-1873 (2014)
41. Unver İ, **GULSOY H.O.**., Aydemir B., Ni-625 Superalloy foam produced by Sintering-dissolution process. Journal of Materials Engineering and Performance. Sayı 12. Cilt 22 sf 3735-3741(2013)
42. Özgün Ö., **GULSOY H.O.**., Yılmaz R., Fındık F., Microstructural and Mechanical Characterization of Injection Molded 718 Superalloy Powders. Journal of Alloys and Compounds. Sayı 1. Cilt 576 sf 140-153 (2013)
43. **GULSOY H.O.**., Özgün, Ö., Yılmaz, R. Injection Molding of Nickel Based 625 Superalloy: Sintering, Heat Treatment, Microstructure and Mechanical Properties. Journal of Alloys and Compounds. Sayı 9. Cilt 546 sf 192-217 (2012)
44. **GULSOY H.O.**., Bayraktaroglu, E., Gulsoy, N. Effect of boron addition on injection molded 316L stainless steel: Mechanical, corrosion properties and in vitro bioactivity. Bio-Medical Materials and Engineering. Sayı 1. Cilt 22 sf 333-349 (2012)
45. Engin G., **GULSOY H.O.**., Aydemir B., Injection Molding of Micro-Porous Titanium Alloy with Space Holder Technique. Rare Metals. Sayı 6. Cilt 30 sf 565-571 (2012)
46. **GULSOY H.O.**., Ozgun, O. Yılmaz R., Fındık, F. Microstructure and Mechanical Properties of Injection Molded Nimonic-90 Superalloy Parts. Powder Metallurgy. Sayı 5. Cilt 55 sf 405-415 (2012)
47. **GULSOY H.O.**., Acar, L., Sintering Parameters and Mechanical Properties of Injection Molded Aluminum Powder. Powder Metallurgy. Sayı 3. Cilt 54 sf 427-431 (2011)
48. **GULSOY H.O.**., Özbek, S., Günay, V. & Baykara, T., Mechanical Properties of Powder Injection Molded Ni-Based Superalloys.Advanced Materials Research. Sayı 278. Cilt 278 sf 289-294 (2011)
49. **GULSOY H.O.**., Özbek, S., Baykara, T., Injection Molding of 316L Stainless Steels Reinforced with Nano Size Alumina Particles.Powder Metallurgy. Sayı 3. Cilt 54 sf 360-365 (2011)
50. **GULSOY H.O.**., Gunay V., Baykara T, German RM., Injection Molding of Mechanical Alloyed Ti-Fe-Zr Powder. Material Transaction. Sayı 6. Cilt 55 sf 198-210 (2011)
51. **Gulsoy H.O**, Salman S., Özbek S.; "Effect of Boron Additions On Mechanical Properties of Injection Molded 17-4 PH Stainless Steel Powder" Journal of Material Science 39 (15): 4835-4840, August 2004
52. **Gulsoy H.O**, Salman S.; "Microstructural and Mechanical Properties of Injection Moulded 17-4PH stainless steel powder with Nickel Boride additions", Journal of Material Processing Technologies, Journal of Material Science, 40 (2005) 3415 – 3421
53. **Gulsoy H.O.**; "Influence of Nickel Boride Additions on Sintering Behaviors of Injection Moulded 17-4PH Stainless Steel Powder", Script Materalia, 53 (3), 187-192 2004

54. **Gulsoy H.O**, Salman S., Özbek S., Findik F., "Sintering of a Boron-Doped Injection Moulded 17-4PH Stainless Steel", Journal of Material Science Letters, 40 (2005) 4101 – 4104
55. **Gulsoy H.O.**, "Dry Sliding Wear in Injection Moulded 17-4PH Stainless Steel Powder with Nickel Boride Additions", Wear, 262 (2007) 491–497
56. **Gulsoy H.O**., Özbek S., Baykara T., "Microstructural and Mechanical Properties of Injection Molded Gas and Water Atomized 17-4 PH Stainless Steel Powder", Powder Metallurgy, December 2007
57. **Gülsoy H.O**., Karataş C., „Development of Poly (2-Ethyl-2-Oxaline) Based Water-Soluble Binder for Injection Moulding of Stainless Steel Powder", Material&Desing, 28 (2007) 2488–2491
58. **Gülsoy H.O**., Bilici M.K., Bozkurt Y., Salman S., "Enhancing The Wear Properties of Iron Based Powder Metallurgy Alloys by Boron Additions", Material&Desing, 28 (2007) 2255–2259
59. **Gulsoy H.O.,** Taşdemir M. "The Physical and Mechanical Properties of Polypropylene Reinforced with Fe Particles", International Journal of Polymeric Materials, 55:619–626, 2006
60. **Gulsoy H.O**., Taşdemir M. "Physical and Mechanical Properties of Iron Powder Filled Polystyrene Composites", Polymer-Plastics Technology and Engineering, 45: 1207-1211, 2006
61. **Gulsoy H.O**., Taşdemir M, "The Effect of Bronze Particles on The Physical and Mechanical Properties of Acrylonitrile-Butadiene-Styrene Copolymer", Polymer-Plastics Technology and Engineering, 46: 789–793, 2007
62. Taşdemir M., **Gulsoy H.O**., "Mechanical Properties of Polymer Filled with Iron Powder", International Journal of Polymeric Materials, 57:258-265, 2008
63. **Gulsoy H.O**., "Mechanical properties of injection moulded 316L stainless steels with (TiC) N additions" Powder Metallurgy 50 (3): 271-275 SEP 2007
64. **Gulsoy H.O**., Taşdemir M., "Mechanical Properties of Polymers Filled with Iron Powder", International Journal of Polymeric Materials, 57:258–265, 2008
65. **Gulsoy H.O.,** German R.M, "Production of micro-porous austenitic stainless steel by powder injection molding", Scripta Materialia 58 (2008) 295–298
66. **Gulsoy H.O.,** German R.M., "Sintered foams from precipitation hardened stainless steel powder", Powder Metallurgy, December 2008
67. **Gulsoy H.O**., "Production of injection moulded 316L stainless steels reinforced with TiC(N) particles" Materials Science and Technology, Vol 24, No 12, 2008
68. Ergul E., **Gulsoy H.O**., Gunay V., "Effect of Sintering Parameters on Mechanical Properties of Injection Molded Ti6Al4V Alloys", Powder Metallurgy, 52 (1), 65-71, (2009)
69. Kadiri H.E., Wang L., **Gulsoy H.O.,** Suri P., Park S.J., Hammi Y., German R.M. "Development of Ti Based Alloy: Design and Experiment", Journal of Metal (JOM), 61(5), 60-66, (2009)
70. Topcu İ., **Gülsoy H.Ö**., Kadioglu N., Gulluoglu A.N., "Processing and mechanical properties of B4C reinforced Al matrix composites", Journal of Alloys and Compounds 482(2009)516–521

Articles in Magazines

1. **Gülsoy H.O**., Bakan H.İ., Günay V., Sert M., "Injection molding of WC-Co materials", Metal World, 2010, Vol. 206, (In Turkish)
2. **Gülsoy H.O.,** Bakan H.İ., Günay V., Baykara T., "Advances powder metallurgy products in TUBİTAK-MAM", Metal World, 2010, Vol. 206, (In Turkish)
3. **Gülsoy H.O.,** Taşdemir M., "Brass powders - akrilonitril bütadien stiren copoliymers composites, Plastics, Vol. 123, 112-115, 2007, (In Turkish)
4. **Gulsoy H.O.**; "Machinability Properties of Fe-Cu-C and Fe-C PM Parts As Determined By Drilling Tests", Metal World, October 2003, Issue 125, 91-94 (In Turkish)
5. **Gulsoy H.O.**; "Mechanical Alloying Techniques and Their Applications", Metal World, September 2003, Issue 124, (In Turkish)
6. **Gulsoy H.O.**; "Advanced Powder Metallurgy Process for Automotive Parts", Mold & World, August 2002, Issue 16, 88-91 (in Turkish)
7. **Gulsoy H.O.**; "Dimensional Change and Effect Graphite Addition on Fe-Cu Compacts During Sintering", Journal of Makine & Tek, January 1998, Issue 34, 30-34 (in Turkish)
8. **Gulsoy H.O.**; "Sintering of Fe-Cu Parts", Metal World, May 1997, Issue 48, 52-57 (In Turkish)

Peer-Reviewed Presentations and Conference Proceedings

1. İ.N. Uslu, B. ERDOĞDU, B. SORUŞBAY, **H.Ö. Gülsoy**, "Alloying of Ti-6Al-4V Superalloy with Rare Earth Elements by Powder Metallurgy Method", IMMC2024, İstanbul, Turkey
2. O. ÖZCAN, B. SORUŞBAY, **H.Ö. GÜLSOY**, "Additive Manufacturing of Cr-Co Alloys via Laser-Powder Bed Fusion: Detailed Microstructural, Mechanical, and Electrochemical Characterization", IMMC2024, İstanbul, Turkey
3. İ.N. USLU, E. ŞAHİN, N.Y. ATMACA, B. SORUŞBAY, **H.Ö. GÜLSOY**, O.M. YÜCEDAĞ, "Calcination of Electron Emitting Materials Used in the Cathode at Different Times and Temperatures", IMMC2024, İstanbul, Turkey
4. B. BİLGİLER, A. NEVCANOĞLU, **H.Ö. GÜLSOY**, "Investigation on the Microstructure Evolution of Inconel 718 Manufactured by Laser Powder Bed Fusion After Heat Treatments", IMMC2024, İstanbul, Turkey
5. Engin G., **Gülsoy H.Ö**., "Injection Molding of Micro-Porous Titanium Alloy Parts", CELLMAT 2010, 27-29 October 2010, Dresden
6. Demirci Y., **Gülsoy H.Ö.,** Yurdakul Ü., Sert M., Günay V., "Production and parameters of Si3n4-SiC (Sn-Sic)", 15th International Metallurgy And Materials Congress, December 2010, İstanbul
7. **Gülsoy H.Ö**., Bakan H.İ., Günay V., Sert M., "Injection molding and parameters of WC-Co materials", 15th International Metallurgy And Materials Congress, December, 2010, İstanbul
8. Acar L., **Gülsoy H.Ö**., "Production of Aluminum parts by powder injection molding", 15th International Metallurgy And Materials Congress, December, 2010, İstanbul
9. **Gülsoy H.Ö**., Baykara T., Özbek S., "Powder Injection Moulding of Stainless Steels Reinforced with Nano Size Alumina Particles", Euro PM2009, Copenhagen, 12-14, October, 2009
10. **Gülsoy H.Ö**., Atmaca M., "Thermal Conductivity, Permeability and Mechanical Properties of Sintered Stainless Steel Foams", Euro PM2009, Copenhagen, 12-14, October, 2009

11. Park, S. J., **Gulsoy, H.O.,** Suri, P., Antonyraj, A., German, R.M., & Wang, P., "Debinding Facotrs of Metal Injection Molding Grade 2 Titanium" In Powder Injection Molding 2009 (Eds.), Orlando, FL.
12. **Gulsoy, H.O.,** Suri, P., Park, S. J., Antonyraj, A., & Wang, P., "Development of Powder Injection Molding Process for Songe Ti Alloy", TMS Annual Meeting & Exhibition, Feb 2009, San Francisco, CA.
13. **Gulsoy H.O**., Suri R., Park S.J. German R.M., "Microstructure and Mechanical Properties of Sintered Ti-Fe-Zr Alloy", PM2008 World Congress, 8-12 June 2008, Washington, USA
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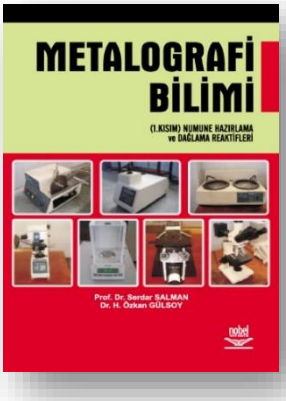

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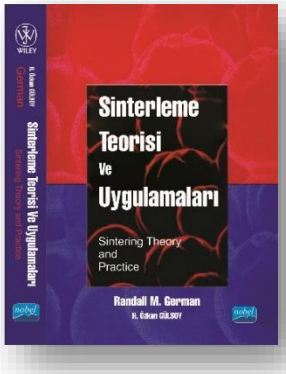

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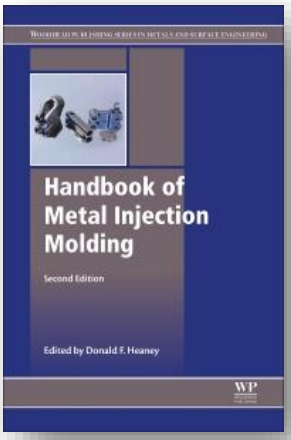

RESEARCH INTERESTS

Powder Metallurgy	Ferrous powder metallurgy, Powder Injection Molding, Machinability of PM parts, Liquid Phase Sintering, Foam Materials, Ceramic and Composite Materials, Metallic Biomaterials
Additive Manufacturing	Metallic Materials and Metal Matrix Composites
Material Science	Design of Materials and Characterization, Metallography, Testing of Materials.

TEACHING RESPONSIBILITIES

Undergraduate Courses
Introduction of Material Science
Material Science
Phase Equilibria
Metallography
Material Characterization
Powder Metallurgy
Heat Treatments
Corrosion and Protection

Graduate Courses
Advances Powder Metallurgy Process
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SUPERVISIONS

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