

CURRICULUM VITAE

PERSONAL INFORMATION

Family name, First name: YAMANOGLU, RIDVAN

Researcher unique identifier ORCID [0000-0002-4661-8215](https://orcid.org/0000-0002-4661-8215)

Date of birth: 13.06.1977

Nationality: TURKEY

URL for web site: <http://akademikpersonel.kocaeli.edu.tr/ryamanoglu/>

Personel web page: www.ryamanoglu.com

• EDUCATION

2011 PhD
Engineering Faculty/ Metallurgical and Materials Department, Kocaeli University,
Turkey

2005 Master
Engineering Faculty/ Metallurgical and Materials Department, Kocaeli University,
Turkey

• CURRENT POSITION

2017 – Associated Professor
Engineering Faculty/ Metallurgical and Materials Engineering, Kocaeli University/
Turkey

• PREVIOUS POSITION

2002 – 2011 Research Assistant
Engineering Faculty/ Metallurgical and Materials Engineering, Kocaeli University/
Turkey

2011 – 2017 Assistant Professor
Engineering Faculty/ Metallurgical and Materials Engineering, Kocaeli University/
Turkey

• FELLOWSHIPS

2014 – 2014 Postdoctoral Research Fellowship from The Scientific and Tech. Research Council of
TURKEY in Engineering Faculty/ Mechanical Engineering Department, San Diego
State University/ USA

2009 – 2010 Predoctoral Research Fellowship from The Council of Higher Education of TURKEY
in Engineering Faculty/ Mechanical Engineering Department, San Diego State
University/ USA

• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2015 – 20-- 6 Master Students (still going on) All of them are related to powder metallurgy
Engineering Faculty/ Metallurgical and Materials Engineering, Kocaeli University/
Turkey

2015- Co-supervising of a PhD Student, working on WC with different binder systems

• TRAINING ACTIVITIES

2010 Tutorial, Metal Injection Moulding, Long Beach, USA

2011 Course, Powder Metall., Fundamentals and Mass Production, Helsinborg, Sweden

2012 Course, Powder Metallurgy, Advances Processes and Materials, Vienna, Austria

2015 Course, Atomization, Manchester, England

• TEACHING ACTIVITIES

- 2011 – 2017 Lecturer – Introduction to Metall. and Mater. Science, Kocaeli University/ Turkey
- 2011 – 2017 Lecturer – Powder Metallurgy, Kocaeli University/ Turkey
- 2011 – 2016 Lecturer – Economic Metallurgy, Kocaeli University/ Turkey
- 2011 – 2017 Lecturer – Computer Aided Design, Kocaeli University/ Turkey
- 2014 – 2017 Lecturer – Powder Metallurgical Materials, Kocaeli University/ Turkey
- 2016 – 2017 Lecturer – Material Science, Kocaeli University/ Turkey
- 2016 – 2017 Lecturer – Material Production Techniques, Kocaeli University/ Turkey
- 2016 – 2017 Lecturer – Economical and Environmental Factors in Material Sciences, Kocaeli University/ Turkey
- 2017 – 2018 Lecturer – Introduction to Metall. and Mater. Science, Kocaeli University/ Turkey
- 2017 – 2018 Lecturer – Powder Metallurgy, Kocaeli University/ Turkey
- 2017 – 2018 Lecturer – Economical and Environmental Factors in Material Sciences, Kocaeli University/ Turkey
- 2017 – 2018 Lecturer – Material Science, Kocaeli University/ Turkey

• ORGANISATION OF SCIENTIFIC MEETINGS

- 2005 Speaker, International Metallurgical and Materials Conference, Turkey
- 2005 Speaker, International Fracture Conference, Turkey
- 2005 Speaker, International Powder Metallurgy Conference, Turkey
- 2008 Speaker, International Ceramic Conference, Turkey
- 2008 Speaker, International Materials Conference, Turkey
- 2008 Speaker, International Powder Metallurgy Conference, Turkey
- 2008 Speaker, National Automotive Congress, Turkey
- 2011 Speaker, International Powder Metallurgy Conference, Turkey
- 2011 Speaker, European Congress on Advanced Materials and Processes, France
- 2015 Speaker, Int. Conf. on Smart Manufacturing Technologies, Saint Petersburg, Russia
- 2015 Reviewer of a two European Projects
- 2017 Speaker, International Conference on Materials Processes and Applications, Barcelona, Spain
- 2017 Speaker, International Conference on Materials Processes and Analysis, Paris, Fransa

• INSTITUTIONAL RESPONSIBILITIES

- 2015 – 2016 Graduate Student Advisor, Kocaeli University/ Turkey
- 2005 Secretary of International Fracture Conference/ Kocaeli University/ Turkey
- 2015 – 2016 Member of Undergraduate Transfer Committee; Kocaeli University/ Turkey

• COMMISSIONS OF TRUST

- 2018 Technical committee member of ICSMT 2018 (The 3rd International Conference on Smart Materials Technologies, Moscow, Russia) June 21-23, 2018.
- 2017 Scientific Committee Member of CAM2017 (Congres Algerian de Macanique), Constantine, Algeria
- 2016 World Academy of Science, Engineering and Technology, International Scientific Committee and Editorial Review Board
- 2016 Technical Committee Member of International Conf. on Smart Manufacturing Technologies
- 2017 Technical Committee Member of International Conf. on Smart Manufacturing Technologies
- 2016 Technical Committee Member of International Conference on Aerospace Engineering
- 2016 Review Board, Kocaeli University/ Technopark/ Turkey
- 2014 Reviewer, Journal of Alloy and Compounds
- 2014 Reviewer of 16 TUBITAK projects

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2016 Elsevier Recognized reviewer
 2014 Member of American Association for Science and Technology

- **RESEARCH INTERESTS**

Powder Metallurgy
 Metal Injection Moulding
 Composite Materials
 Metal Powder Production for Additive Manufacturing
 Titanium and its Alloys
 Hot Pressing
 Spark Plasma Sintering
 Material Characterization
 Biomedical Materials

- **AWARDS**

2016 “Best Paper Award” in International Conference on Materials Processes and Applications, Barcelona, Spain

Some Scientific Papers

1) Karabay, S., Ertürk, A. T., Zeren, M., Yamanoğlu, R., & Karakulak, E. (2017). Failure analysis of wire-breaks in aluminum conductor production and investigation of early failure reasons for transmission lines. <i>Engineering Failure Analysis</i> , 83, 47-56, 2018.
2) Yamanoglu, R., Kolayli, F., Efendi, E., Uzuner, H., Doud, I., “Production and mechanical properties of Ti-5Al-2.5Fe-xCu lloys for biomedical applications”, <i>Biomedical Materials</i> .
3) Yamanoglu, R., Gulsoy, N., Olevsky, E. A., & Gulsoy, H. O. (2016). Production of porous Ti5Al2.5Fe alloy via pressureless spark plasma sintering. <i>Journal of Alloys and Compounds</i> , 680, 654-658.
4) Yamanoglu, R., & Efendi, E. (2016). Enhanced surface properties of iron by in situ hard nickel coating. <i>Materials Testing</i> , 58(2), 151-154.
5) Karakulak, E., Koç, F. G., Yamanoglu, R., & Zeren, M. (2016). Mechanical properties of hypoeutectic Al-Ni alloys with Al3Ni intermetallics. <i>Materials Testing</i> , 58(2), 117-121.
6) Yamanoglu, R. (2015). In Situ Aluminum Alloy Coating on Magnesium by Hot Pressing. <i>Acta Metallurgica Sinica (English Letters)</i> , 28(8), 1059-1064.
7) Karakulak, E., Yamanoğlu, R., Erten, U., Zeren, A., Zor, S., & Zeren, M. (2014). Investigation of corrosion and mechanical properties of Al–Cu–SiC–xNi composite alloys. <i>Materials & Design</i> , 59, 33-37.
8) Yamanoglu, R., Bradbury, W., Karakulak, E., Olevsky, E. A., & German, R. M. (2014). Characterisation of nickel alloy powders processed by spark plasma sintering. <i>Powder Metallurgy</i> , 57(5), 380-386. 20
9) Yamanoglu, R. (2014). Production and characterization of Al-xNi in situ composites using hot pressing. <i>Journal of Mining and Metallurgy. Section B: Metallurgy</i> , 50(1), 45.
10) Yamanoğlu, R., Karakulak, E., Zeren, A., & Zeren, M. (2013). Effect of heat treatment on the tribological properties of Al–Cu–Mg/nanoSiC composites. <i>Materials & Design</i> , 49, 820-825.
11) Fidan, S., Avcu, E., Karakulak, E., Yamanoglu, R., Zeren, M., & Sinmazcelik, T. (2013). Effect of heat treatment on erosive wear behaviour of Ti6Al4V alloy. <i>Materials science and Technology</i> , 29(9), 1088-1094.
12) Yamanoglu, R., Karakulak, E., Zeren, M., & Koç, F. G. (2013). Effect of nickel on microstructure and wear behaviour of pure aluminium against steel and alumina counterfaces. <i>International Journal of Cast Metals Research</i> , 26(5), 289-295.
13) Karakulak, E., Zeren, M., & YAMANOĞLU, R. (2013). Effect of heat treatment conditions on microstructure and wear behaviour of Al4Cu2Ni2Mg alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 23(7), 1898-1904.

- 14) Yamanoglu, R., Bradbury, W., Olevsky, E. A., & German, R. M. (2013). Sintering and microstructure characteristics of 42CrMo4 steel processed by spark plasma sintering. *Metals and Materials International*, 19(5), 1029.
- 15) Yamanoglu, R., Zeren, M., & German, R. M. (2012). Solidification characteristics of atomized AlCu4Mg1-SiC composite powders. *Journal of Mining and Metallurgy B: Metallurgy*, 48(1), 73-79.
- 16) Yamanoglu, R., Bradbury, W. L., Olevsky, E. A., & German, R. M. (2012). Comparative evaluation of densification and grain size of ZnO powder compacts during microwave and pressureless spark plasma sintering. *Advances in Applied Ceramics*, 111(7), 422-426.
- 17) " Yamanoglu, R., Karakulak, E., & Zeren, M. (2012). Mechanical and wear properties of pre-alloyed molybdenum P/M steels with nickel addition. *Journal of Mining and Metallurgy B: Metallurgy*, 48(2), 251-258.
- 18) Yamanoglu, R., German, R. M., Karagoz, S., Bradbury, W. L., Zeren, M., Li, W., & Olevsky, E. A. (2011). Microstructural investigation of as cast and PREP atomised Ti-6Al-4V alloy. *Powder Metallurgy*, 54(5), 604-607.
- 19) Karagöz, Ş., Yamanoglu, R., Yilmaz, A., & Atapek, Ş. H. (2010). Effect of Nickel Addition and Porosity on Fracture Behaviour of Molybdenum Alloyed Powder Metallurgical Steel. *Materials Testing*, 52(4), 227-233.
- 20) Karagoz, S., Sarlak, A. Y., Yamanoglu, R., & Atapek, S. H. (2009). Macro-and Microexaminations on Titanium-based Implant Materials: Relation of Porosity Distribution-connective Tissue. *Artificial Organs*, 33(8), A99.