**Publications**

1. Yeşilay, S., Kaya, G. ve Kara, A., "Use of Synthetic Hydroxyapatite Powders with Various Ca/P Ratios In Bone China Body, The Proceedings of SERES’07 I. International, Ceramic, Glass, Porcelain Enamel, Glaze and Pigment Congress, Eskişehir/Türkiye, s. 54-64 (In Turkish), 2007.
2. Karasu B., G. Kaya, A. Cakir ve S. Yesilay, "Utilization of Borax Solid Wastes in Fast Single-Firing Porcelain Tile Glass-Ceramic Glazes under Industrial Working Conditions", REWAS 2008 Global Symposium on Recycling, Waste Treatment and Clean Technology, Cancun, Mexico, 379-387, 2008.
3. Caki M., B. Karasu, S. Yesilay, R. Imrak ve C. Bayraktar "The Use of Fired Roof Tile and Brick Wastes in Stoneware Bodies as Alternative Raw Materials", REWAS 2008 Global Symposium on Recycling, Waste Treatment and Clean Technology, Cancun, Mexico, 1541-1548, 2008.
4. Yeşilay, S.,"Glass Decoration Techniques", Anadolu Sanat, Art and Culture Magasine, Issue 19, 111-116, 2008.
5. Kaya Yeşilay S., B. Karasu and E. Karacaoğlu "General Revıew of Applıcatıon of Phosphorescence Pıgments in Ceramic Industry", The Proceedings of SERES’09 I. International, Ceramic, Glass, Porcelain Enamel, Glaze and Pigment Congress, 608-616, 2009.
6. Caki M., Ay N., Kaya S. Y., "Utilization of Ferrochromium Fly Ash as a Pigment Raw Material in Stoneware Glaze and Underglaze Decoration", Ceramics Technical, 31, 58-61, 2010.
7. Kaya Yesilay S., B. Karasu, G. Kaya, E. Karacaoglu, "Influences of Eu+3 and Dy+3 Contents on the Properties of Long Afterglow Strontium Aluminate Phosphors", Advances in Science and Technology, Vol 62, pp. 88-94, 2010.
8. Kaya Yesilay S., B. Karasu, G. Kaya, E. Karacaoglu, "Effects of Firing Temperature and Time on the Luminescency of Phosphors in Strontium Aluminate System Co-doped by Eu2O3 and Dy2O3 and Prepared by Solid State Reaction Processing", Advances in Science and Technology, Vol 62, pp. 82-87, 2010.
9. Kaya, Yeşilay, S., Karasu, B. and Karacaoğlu, E., Phosphorescent pigment applications in glasses, The Proceeding of the Camgeran 2010 Glass Symposium with International Participation, 41-44, (in Turkish), 2010.
10. Kaya Yesilay S., B. Karasu, E. Karacaoglu, "The Effects of Boron Oxide Content on the Phosphorescence Mechanism of Strontium Aluminate Phosphors", The Proceeding Book of the 15th International Metallurgy and Materials Congress, İstanbul, 2140-2146, 2010.
11. Kaya, Yeşilay, S. and Karasu, B., The production and use of bluish-green and yellowish-green phosphorescent pigments in wall tile and vetrosa applications, Seramik Turkiye Magasine, Turkish Ceramic Federation, October-March Issue, 128-134, 2011.
12. Kaya Yesilay S. and B. Karasu "Ceramics and Glass with Phosphorescent Ability", Ceramics Technical, No:34, 94-99, May 2012.
13. Kaya Yesilay S., E. Karacaoglu and B. Karasu "Effect of Al/Sr Ratio on the Luminescence Properties of SrAl2O4: Eu2+, Dy3+ Phosphors", Ceramics International, Vol. 38, Issue 5, 3701-3706, July 2012.
14. Kaya, Yesilay, S. E. Karacaoglu and B. Karasu, "Particle Size Influence of Starting Batches on the Phosphorescence Behavior of Sr4Al14O25 Based Bluish-Green Phosphors", Advances in Applied Ceramics: Structural, Functional and Bioceramics, Vol. 111, No:7, 393-397, 2012.
15. Kaya Yesilay S., B. Karasu, "Process Parameters Determination of Phosphorescent Pigment Added, Frit-Based Wall Tiles Vetrosa Decorations", Ceramics International, Volume 38, Issue 4, 2757-2766, 2012.
16. Çakı M., S. Yeşilay Kaya, B. Karasu, T. Başer, "The Use of Alternative Raw Material in Stoneware Glazes’", Anadolu University, Journal of Science and Technology A, Applied Sciences and Engineering, Vol. 13, No: 2, 35-40, 2012.
17. Ekrem KULA, Esin Kucukbicmen and Selvin Yesilay Kaya, “Sandblasting Technique as a Proposition for Applications in Cameo Glass Production”, Seramik Türkiye Magasine, ISSN 1304 – 6578, 64-71, November 2012-February 2013.
18. Caki M., Kaya S. Y. and Gunhan, B., "The Use of Glass Wastes in Stoneware Glazes as Alternative Raw Materials", Ceramics Technical, 37, 30-38, 2013.

**National Conferences Attended**

1. Yeşilay, S., Kaya, G. ve Kara, A., "Use of Synthetic Hydroxyapatite Powders with Various Ca/P Ratios In Bone China Body", SERES 2007 International Symposium on Ceramic, Glass, Enamels and Glaze, October- 2007, Eskisehir, Turkey (Presenting Author).
2. Çakı M., S. Yeşilay, B. Karasu, N. Çavdar, Ç. Tahran, "Investigation on the Usage of Eskisehir-Kırka Region High Silica Containing Rocks in Stoneware Bodies", VII. Ceramic Congress with International Participation, 2008, Afyonkarahisar, Turkey (Presenting Author).
3. Kula, E., E. Kucukbicmen ve S. Yesilay, “The Application of Sanblasting on Cameo Glasses", VII. Ceramic Congress with International Participation, 2008, Afyonkarahisar, Turkey (Co-Author).
4. Kaya, Yeşilay, S., Karasu, B. and Karacaoğlu, E., Phosphorescent pigment applications in glasses, The Proceeding of the Camgeran 2010 Glass Symposium with International Participation, 2010, Eskisehir, Turkey (Presenting-Author).

**International Conferences Attended**

1. Karasu B., G. Kaya, A. Cakir ve S. Yesilay, "Utilization of Borax Solid Wastes in Fast Single-Firing Porcelain Tile Glass-Ceramic Glazes under Industrial Working Conditions", REWAS 2008 Global Symposium on Recycling, Waste Treatment and Clean Technology, Cancun, Mexico, 2008 (Presenting Author).
2. Caki M., B. Karasu, S. Yesilay, R. Imrak ve C. Bayraktar "The Use of Fired Roof Tile and Brick Wastes in Stoneware Bodies as Alternative Raw Materials", REWAS 2008 Global Symposium on Recycling, Waste Treatment and Clean Technology, Cancun, Mexico, 1541-1548, 2008 (Presenting Author).
3. Yeşilay, S., Karasu, B. and Karacaoğlu, E., "General Review of Application of Phosphorescence Pigments In Ceramic Industry", SERES’2009 International Ceramic, Glass, Porcelain, Enamel, Glaze and Pigment Congress”, 2009, Eskişehir, Turkey (Co-Author).
4. Gursoy Arslan, Ayse Kalemtas, Nihan Tuncer and Selvin Yesilay Kaya, “Ballistic Protection Assesment of Pressureless Melt Infiltrated B4C-Al Composites”, ECerS: 12th Conference of the European Ceramic Society, No: Oral 724, Stockholm, Sweden, 19-23 June, 2011 (Co-Author).
5. Erkul Karacaoglu, Selvin Yesilay Kaya, Bekir Karasu and Guray Kaya, “The Synthesis of Violet Emitting Long Afterglow Calcium Aluminate Phosphors and Their Luminescence Properties”, ECerS: 12th Conference of The European Ceramic Society, No: Poster 2071, Stockholm, Sweden, 19-23 June, 2011 (Co-Author).
6. Alper Unal, Bekir Karasu and Selvin Yesilay Kaya, “Synthesis and Characterization of Blue Long Afterglow Strontium Silicate Phosphors and Luminescence Properties”, ECerS: 12th Conference of the European Ceramic Society, No: Poster 2085, Stockholm, Sweden, 19-23 June, 2011 (Co-Author).
7. Yeşilay, S., Karasu, B. and Karacaoğlu, E., Wet-milling Process Effect on the Phosphorescence Behavior of Sr4Al14O25 Based Blue-Green Phosphors, The 9th International Meeting of Pacific Rim Ceramic Societies (PacRim9), July, 10-14, 2011, Cairns, Australia, (Presenting Author).

**Projects**

1. Ballistic Performance Determination of Boron Carbide - Aluminum Composite Armors, The Scientific and Technological Research Council of Turkey (TÜBİTAK), 2006-2007, (Researcher).
2. Production of Bluish-Green and Yellowish-Green Phosphorescence Pigments and Their Uses in Ceramic Wall Tile Glazes and Vetrosa Applications, The Scientific and Technological Research Council of Turkey (TÜBİTAK), 1001 Science and Technological Research Project Support Programme, 2008-2010, (Researcher).
3. Prototype Scale Production of Dental Zirconia Blank and Lanthanum Glass Powder for Glass Infiltrated Zirconia Framework, Project No: 0060, Ministry of Science, Industry and Technology, 2010-2011, (Researcher).
4. Revaluation of Traditional Çeşm-i Bülbül Technique in Contemporary Glass Art and Design Application, Anadolu University, Project No: 1001E39, 2010-2012, (Researcher).
5. Production of Zirconia Block for All-Ceramic Dental Prosthesis, KOSGEP (Small and Medium Industry Development Organization) R&D and Innovation Project, 2011-(Researcher).

**Awards**

1. “Teknogirişim Sermayesi Desteği” (100.000,00- Turkish Liras Grant), Ministry of Science, Industry and Technology, 2013.

**Other Responsibilities**

1. Executive Council Member, SERES 2009 International Symposium on Ceramic, Glass, Enamels and Glaze, October- 2009, Eskisehir, TURKEY.
2. Organization Council Member, Imece 2009; Fine Arts and Design Symposium with International Participation, 2009, Eskisehir, TURKEY.
3. Organization Council Member, Camgeran 2010; Apllied Glass Symposium with International Participation, 2010, Eskisehir, TURKEY.
4. Assistant Coordinator, Anadolu University, Erasmus Programme (2007-2012).
5. Assistant Coordinator, Anadolu University, Erasmus Placement Programme (2007-2012).

**Scientific Organization Memberships**

1) Turk Ceramic Society, Member, 2004.

2) Australian Ceramic Society, Member, 2011.