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Education

May 2017-Now Sharif University of Technology
Post-Doc



May 2014-Oct 2014 EMPA (Swiss Federal Laboratories for Materials Science and Technology)
Sabbatical Period



Sep 2010-2016 Tarbiat Modares University
Ph. D. in Materials Science and Engineering



Ph.D Thesis “Synthesis of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ nanofibers by electrospinning and investigation on effect of SiO_2 on dielectric properties of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ /PMMA composite”

Sep 2006 - Sep 2009 Tarbiat Modares University
M. Sc. in Materials Science and Engineering



M.Sc Thesis “Synthesis and Study Dielectric Properties of Wollastonite Glass-Ceramic Composite”

Sep 2001-Sep 2005 Shiraz University
B. Sc. in Materials Science and Engineering



B.Sc Thesis “Study of Mechanical Properties of Prepared Aluminum Straps by ARB Method”

Publications

- 2011** M. Mohammadi, P. Alizadeh, Z. Atlasbaf, Effect of Frit Size on Sintering, Crystallization and Electrical Properties of Wollastonite Glass-Ceramics, Journal of Non-Crystalline Solids; 357, 2011, 150-156".
- 2015** M. Mohammadi, P. Alizadeh , F.J. Clemens, Synthesis of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ nanofibers by electrospinning, Ceramic international, 41 (2015) 13417-13424.
- 2016** M. Mohammadi, P. Alizadeh , F.J. Clemens, Effect of using different precursors on electrospinning of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$, Ceramic international, 42 (2016) 4690-4699.
- 2016** M. Mohammadi, P. Alizadeh , F.J. Clemens, Effect of SiO_2 on sintering and dielectric properties of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ nanofibers, Alloys and compounds, 688 (2016) 270-279.
- 2017** M. Mohammadi, P. Alizadeh, Z. Atlasbaf, Investigation on Electrical Properties of Wollastonite Glass-Ceramic and Wollastonite Glass-Ceramic / TiO_2 Composites, European Journal of Glass Science and Technology- Part B, 58 (2017), 201–206.
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- 2009** M. Mohammadi, P. Alizadeh; "Investigation on Sintering and Crystallization of Wollastonite Glass-Ceramic"; 7th Iranian Ceramic Congress, Shiraz, Iran, 2009.
- 2011** M. Mohammadi, P. Alizadeh, Z. Atlasbaf; "Effect of TiO_2 on Crystallization and Electrical Properties of Wollastonite Glass-Ceramic Composites Glass-Ceramic"; 8th Iranian Ceramic Congress, Tehran, Iran, 2011.
- 2011** M. Mohammadi, P. Alizadeh, Z. Atlasbaf; "Effect of Frit Size on Sintering, Crystallization and Electrical Properties of SiO_2 -CaO- Na_2O - WO_3 - Fe_2O_3 Glass-Ceramic"; 8th Iranian Ceramic Congress, Tehran, Iran, 2011.
- 2017** M. Mohammadi, P. Alizadeh , F.J. Clemens; "Synthesis of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ nanosturcture by electrospinning"; 19th Iranian Chemistry Congress, Shiraz, Iran, 2017.
- 2017** M. Yadi, H. Isfahani, M. Sheikhi, M. Mohammadi; "Improvement of pure commercial titanium surface structure using hydroxyapatite pulsed laser method"; 6th International Conference on Materials Engineering and Metallurgy, Tehran, Iran, 2017.