

Resume:

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PhD thesis "Fabrication of Ceramic Particulate Reinforced Aluminum Matrix
Composite by Melt Stirring and Infiltration in Situ Reaction Processes"

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Nanostructured Ceramics, Nanostructured Composites

Publications:

- [1] Mohseni-Salehi, M. S., Taheri-Nassaj, E., and Hosseini-Zori, M., 2018. Effect of dopant (Co, Ni) concentration and hydroxyapatite compositing on photocatalytic activity of titania towards dye degradation. *Journal of Photochemistry and Photobiology A: Chemistry* Vo. 356, pp. 57-70.
- [2] Sayyadi-Shahraki, A., Taheri-Nassaj, E., Sharifi, H., Gonzales, J., Kolodiaznyi, T., and Newman, N., 2018. Origin of dielectric loss in Ba(Co1/3Nb2/3)O3 microwave ceramics. *Journal of the American Ceramic Society* Vo. 101(4), pp. 1665-1676.

- [3] Mohseni-Salehi, M. S., Taheri-Nassaj, E., and Hosseini-Zori, M., 2018. Study on cytotoxicity and photocatalytic properties of different titania/hydroxyapatite nanocomposites prepared with a combination of sol-gel and precipitation methods. *Research on Chemical Intermediates* Vo. 44(3), pp. 1945-1962.
- [4] Sadeghi Ghazvini, A. A., Taheri-Nassaj, E., Raissi, B., Riahifar, R., and Sahba Yaghmaee, M., 2018. Co-deposition of Co_3O_4 and graphene via electrophoretic technique. *Materials Letters* Vo. 213, pp. 75-78.
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- [8] Taavoni-Gilan, A., Taheri-Nassaj, E., and Shamsipur, M., 2017. Synthesis of TiO_2 nanostructure membrane and influence of ZrO_2 addition on microstructure, thermal stability and membrane properties. *Materials Technology* Vo. 32(1), pp. 7-15.
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current and deposition time on nanostructured carbon coating deposited on carbon fiber fabrics. Materials and DesignVo. 106, pp. 184-194.

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