PUBLICATIONS THAT THE STAFF OF HIGHLY FILLED MATERIALS INSTITUTE HAVE CONTRIBUTED TO:


47. N. Boz, N. Degirmenbasi and D. Kalyon, “Conversion of Biomass to fuel: Transesterification of vegetable oil to biodiesel using KF loaded nano- Al$_2$O$_3$ as catalyst”, Applied Catalysis B: Environmental, 89, 590-596 (2009).


86. U. Olgun and D. Kalyon, “Use of Molecular Dynamics to investigate polymer melt-metal wall interactions” Polymer, 46, 9423-9433 (2005).


PRINTED REPORTS


BOOK CHAPTERS

293. T. Fiske, H. S. Gokturk, R. Yazici and D. Kalyon, “Relative Magnetic Permeability of Injection Molded Composites as Affected by the Flow Induced Orientation of Ferromagnetic Particles”, in


PATENTS AND INVENTION DISCLOSURES

302. Erdem Sahin, Dilhan Kalyon and Tony Valdevit, “Injectable calcium phosphate based ceramic cement compositions for bone repair and regeneration that enable flowability control via preshearing and preshearing based method for control of the rheology and setting time”, notice of invention submitted to Stevens Institute of Technology (accepted to be pursued as a provisional application), October (2015).

303. Erdem Sahin and Dilhan Kalyon, “Apparatus for the preshearing-based control of the rheology and setting time of injectable ceramic cements for bone repair and regeneration”, notice of invention submitted to Stevens Institute of Technology (accepted to be pursued as a provisional application), October (2015).


318. D. Kalyon, “Method and Apparatus for the Manufacture of Food Products”, notice of invention submitted to Stevens May 21, 2004. (Two invention disclosures on materials and also method and apparatus aspects).
