

Editorial

Innovations in Chemistry

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Innovations in chemistry continue as many products that impact our life could be traced back to chemical discoveries (1). Examples include penicillin, protective fabrics, renewable energy, information technologies (computer chips, organic light emitting diodes), and fertilizers. Some chemistry innovations capture public attention and some do not. Regardless, chemistry innovations continue to impact the world. In this context, the cadre of articles appearing in this issue of *The Chemist* is an indication of continuing innovations in chemistry at various domains.

A novel method of synthesizing risedronic acid, avoiding environmentally hazardous halogenating agents is the focus of the study by Rafal Tomczak and co-authors. Considering the pharmaceutical applications of the sodium salt of risedronic acid this study is significant. Lei Zhang and co-author report a study of the effect of RF magnetron sputtering parameters on the electro-optical properties of amorphous indium zinc thin films. Their study shows that the maximized transparency and conductivity of IZO thin films are same as those of ITO thin films. Adeola Ibikunle and co-author present the results of modeling and kinetics studies of doped magnesium borohydrides. In another study, they address the effects of additives on the dehydrogenation of Magnesium borohydrides.

Todd Houston shows how to make chemistry more interesting and engaging, by using a membrane permeability visual demonstration that is easy to carry out. Demonstrations such as this are excellent vehicles for promoting public understanding of chemistry.

By Volume 90 and Issue Number 2 *The Chemist* has completed six years since it was re-introduced in its current format and mission as the official refereed online journal of The American Institute of Chemists. I would like to acknowledge the members of the Review Board for their timely input and valuable service to maintain the quality of manuscripts appearing in *The Chemist*. Also acknowledgments are due to the editorial assistants Debora Cate, Vanessa Hotchkiss and Chelsea Dittrich for their invaluable technical and language help.

References

Chemistry innovations that changed the world, 2016. Available at: <http://www.dupont.com/corporate-functions/media-center/featured-stories/october-2016/chemistry-week-innovations.html>