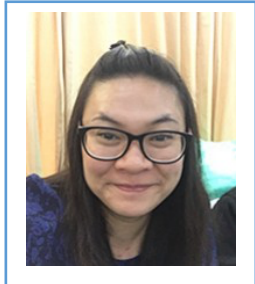




Curriculum Vitae



Full name:Sumonman Niamlang

Affiliation :RMUTT

Country: Thailand

E-mail:Sumonman.n@en.rmutt.ac.th

Phone Number:-

Other (WhatsApp, Line, WeChat): Line:tanggggo

Education Background:

-

Expertise / Research Areas (identified by keywords):

- Conductive polymer
- Actuator
- Electroactive polymer
- Thermal property of polymer

Engagement (networks):

-
-
-

Award / Research Grants:

- Startup Thailand League2017: Wrinkle free E-Patch
- Startup Thailand League2017: Rice for Life
-

Publications

1. Effects of conductive polyazulene and plasticizer embedded in deproteinized natural rubber transdermal patch on electrically controlled naproxen release-permeation,

Kaewchingduang, R., Paradee N., Sirivat A., **Niamlang S.**, International Journal of Pharmaceutics, Volume 561, 20 April 2019, Pages 296-304

2. The Recovery Process of Used Hydrocarbon Solvent by Vacuum Distillation ,

Savasdipol, A., Paradee, N., **Niamlang, S.** , IOP Conference Series: Materials Science and Engineering , 2019, 559:012018 DOI: 10.1088/1757-899X/559/1/012018

2. Deproteinized Natural Rubber as an Electrically Controllable, Transdermal Drug-Delivery Patch., Banpean A., Sirivat, A. and **Niamlang S.**, Journal of Polymers and the Environment, 2018 Volume 26, Issue 9, pp 3745–3753

3. Hybrid transdermal drug delivery patch made from poly(p-phenylene vinylene)/natural rubber latex and controlled by an electric field

Niamlang, S., Paradee, N., Sirivat, A. 2018 Polymer International 67(6), pp. 747-754

4. The electromechanical response of titanium dioxide/natural rubber composite

Niamlang, S., Pavasupree, S., Boonchu, N., Sirivat, A. 2017 Materials Today: Proceedings

4 (2017) 6267-6273

5. Permeation study of indomethacin from polycarbazole/natural rubber blend film for electric field controlled transdermal delivery

Thorngkham, P., Paradee, N., **Niamlang, S.**, Sirivat, A. 2015 Journal of Pharmaceutical Sciences , 104, 5, 1795-1803

6. Porcine and fish gelatin hydrogels for controlled release of salicylic acid and 5-sulfosalicylic acid

Rattana, M., Paradee, N., Sirivat, A., **Niamlang, S.** 2015 International Journal of Drug Development and Research

7. Controlled aloin release from crosslinked polyacrylamide hydrogels: Effects of mesh size, electric field strength and a conductive polymer

Niamlang, S., Buranut, T., Niansiri, A., Sirivat, A. 2013 Materials, 6(10), 4787-4800; doi:10.3390/ma6104787

8. Controlled Benzoic Release from Crosslinked Polyacrylamide Hydrogels: Effects of Mesh Size, Electric Field Strength

Niamlang, S., U-domyart P. and Chaipirinsiri A., Sirivat A. 2013 JOURNAL OF APPLIED SCIENCES RESEARCH RESEARCH, Special, 9(12), 6156-6159

9. The electromechanical properties of crosslinked natural rubber

Niamlang, S., Thongchai, S., Pawananant, N., Sirivat, A. 2013 Energy Procedia 34, 2013, 697-704

10. Electric field-controlled benzoic acid and sulphanilamide delivery from poly(vinyl alcohol) hydrogel

Sittiwong, J., **Niamlang, S.**, Paradee, N., Sirivat, A. 2012 AAPS PharmSciTech

