

## Representative Publication in 5 Years (Journal Articles)

SCI papers:

1. Ching-Wen Lou, Ming-Chun Hsieh, Chao-Tsang Lu, Mei-Feng Lai, [Mong-Chuan Lee](#), Bing-Chiuan Shiu and Jia-Horng Lin. Evaluation of Repellent Effectiveness of Polyvinyl Alcohol/Eucalyptus globules Nanofibrous Membranes against Forcipomyia taiwana. *Polymers* 2020, 12(4), 870.
2. Jia-Horng Lin, Chih Hung He, [Mong-Chuan Lee](#), Yueh-Sheng Chen and Ching-Wen Lou. (2019) Bamboo Charcoal/Quick-Dry/Metallic Elastic Knits: Manufacturing Techniques and Property Evaluations. *Fibers and Polymers* volume 20, pages1504–1518.
3. Lin, Jia-Horng; He, Chih Hung; [Lee, Mong-Chuan](#); Chen, Yueh-Sheng; Lou, Ching-Wen\*. Sports protective elastic knits: structure design and property evaluations. *The Journal of The Textile Institute* Volume 111, 2019 - Issue 3.
4. Chen CK, [Lee MC](#), Lin ZI, Lee CA, Tung YC, Lou CW, Law WC, Chen NT, Lin KA, Lin JH. (2019) Intensifying the Antimicrobial Activity of Poly[2-(tert-butylamino)ethyl Methacrylate]/Polylactide Composites by Tailoring Their Chemical and Physical Structures. *Mol Pharm.* 16(2):709-723.
5. Yi-Jun Pan, Zheng-lan Lin, Ching-Wen Lou, Chien-Lin Huang, [Mong-Chuan Lee](#), Jo-Mei Liao and Jia-Horng Lin\*. (2018) Polylactic acid/carbon fiber composites: Effects of polylactic acid-g-maleic anhydride on mechanical properties, thermal behavior, surface compatibility, and electrical characteristics. *Journal of Composite Materials*, 52:405-416.
6. Ching-Wen Lou, Zong-Han Wu, [Mong-Chuan Lee](#), Jia-Horng Lin. (2018) Highly efficient antimicrobial electrospun PVP/CS/PHMGH nanofibers membrane: preparation, antimicrobial activity and in vitro evaluations. *Res Chem Intermed.* 44:4957–4970.
7. Jia-Horng Lin, [Mong-Chuan Lee](#), Chih-Kuang Chen, Chien-Lin Huang, Yueh-Sheng Chen, Shih-Peng Wen, Shu-Ting Kuo, Ching-Wen Lou\* (2017) Recovery evaluation of rats' damaged tibias: Implantation of core-shell structured bone scaffolds made using hollow braids and a freeze-thawing process. *Mater Sci Eng C Mater Biol Appl.* 79:481-490.
8. Lou, Ching -Wen; Wu, Zong-Han; [Lee, Mong-Chuan](#); Chen, Yueh-Sheng; Lin, Jia-Horng\* (2017) Polyvinyl Alcohol/Lithospermum Erythrorhizon Nanofibrous Membrane: Characterizations, In Vitro Drug Release, and Cell Viability, *APPLIED SCIENCES-BASEL*, 7: 1143.
9. Jia-Horng Lin, Jin-Jia Hu, Cheng-Ying Tu, [Mong-Chuan Lee](#), Chao-Tsang Lu, Po-Ching Lu, Yueh-Sheng Chen, Ching-Wen Lou (2017) Tubular polyvinyl alcohol composites used as vascular grafts: Manufacturing techniques and property evaluations, *Materials Letters*, 190: 201-204.
10. Chun-Hsien Lin, [Mong-Chuan Lee](#), Jason T. C. Tzen, Hsien-Ming Lee, Sam-Min Chang, Wu-Chun Tu\* and Chuen-Fu Lin\*. (2017) Efficacy of mastoparan-AF alone and in

combination with clinically used antibiotics on nosocomial multidrug-resistant *Acinetobacter baumannii*. Saudi Journal of Biological Sciences. 24, 1023-1029.