



Hsuan-Ying Chen

Full Professor

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Current Research Interests

Polymer design for drug delivery, Catalyst design for the ring-opening polymerization of cyclic esters, coupling reaction, and click reaction.

Education and Experience:

- Full Professor, Kaohsiung Medical University (2017/2–)
- Associate Professor, Kaohsiung Medical University (2013/8–2017/2)
- Assistant Professor, Kaohsiung Medical University (2009/8–2013/2)
- Postdoctoral Fellow, University of Florida (2008/07–2009/07)
- Postdoctoral Fellow, National Chung-Hsing University (2008/03–2008/07)
- Postdoctoral Fellow, National Chung-Hsing University (2006/07–2007/02)
- Visiting Scholar, Texas A&M university (2005/11–2006/03)
- Student Teacher, Kaohsiung Municipal Cianjhen Senior High School (2001/07–2002/06)
- National Taiwan Chung-Hsing University, Department of Chemistry, Ph. D. (2006)
- National Taiwan Normal University, Department of Chemistry, M. S. (2001)
- National Taiwan Chung-Hsing University, Department of Chemistry, B. S. (1998)

Awards and Honors

- Research excellence teachers - Young achievers award for research achievement-2015-2020
- NSYS-KMU cooperation research award-2015
- Research merit teachers - Outstanding paper award-2015
- Teaching excellent teachers-2015 (2001/07–2002/06)
- Teaching excellent teachers -2010

Publications

2020

1. Feng-Jie Lai, Shou-Jie Chung, Yu-Lun Chang, Yen-Tzu Huang, Chun-Juei Chang, Shangwu Ding, Hsuan-Ying Chen,* Kuo-Hui Wu,* Ya-Fan Lin* *Eur. Polym. J.* **2020**, *135*, 109864–109872.
2. Feng-Jie Lai, Shu-Chun Yu, Yung-Chi Chang, Tzu-Yi Wu, Kuo-Hui Wu, Yu-Lun Chang, Shangwu Ding, Hsuan-Ying Chen,* Chian-Hui Lai* *J. Polym. Sci.* **2020**, *58*, 1400–1409.
3. Feng-Jie Lai, Tsai-Wen Huang, Yu-Lun Chang, Wei-Yi Lu, Shangwu Ding, Hsuan-Ying Chen,* Chien-Chih Chiu,* Kuo-Hui Wu* *Polymer* **2020**, *204*, 122860-122868.
4. Chun-Juei Chang, Chi-Feng Chiu, Kuo-Hui Wu, Yu-Lun Chang, Yi-Chun Lai, Shangwu Ding, Hsuan-Ying Chen* *Polymer* **2020**, *202*, 122572-122583.
5. Guan-Jhen Chen, Shi-Xian Zeng, Cheng-Hsun Lee, Yu-Lun Chang, Shangwu Ding, Hsuan-Ying Chen,* Kuo-Hui Wu,* I-Jy Chang* *Polymer* **2020**, *202*, 122374-122586.
6. Tzu-Fang Wang, Someswara Rao Kosuru, Shu-Chun Yu, Yung-Chi Chang, Hsin-Yu Lai, Yu-Lun Chang, Kuo-Hui Wu, Shangwu Ding, and Hsuan-Ying Chen* *RSC Adv.* **2020**, *10*, 40690–40696.

2019

1. Wei-Yi Lua, Yung-Chi Chang, Cheng-Jie Lian, Kuo-Hui Wu, Michael Y. Chiang, Hsuan-Ying Chen,* Chu-Chieh Lina,* Bao-Tsan Ko* *Eur. Polym. J.* **2019**, *114*, 151–163.
2. Chi-Chi Chang, Yung-Chi Chang, Wei-Yi Lu, Yi-Chun Lai, Kuo-Hui Wu, Ya-Fan Lin,* Hsuan-Ying Chen* *Eur. Polym. J.* **2019**, *115*, 399–408.
3. Wei-Yi Lu, Kuo-Hui Wu,* Hsuan-Ying Chen,* and Chu-Chieh Lin* *Front. Chem.* **2019**, *7*, 189.
4. Jincui Wu, Hsuan-Ying Chen,* and Pimpa Hormnirun* *Front. Chem.* **2019**, *7*, 404.
5. Someswara Rao Kosuru, Hsin-Yu Lai, Chien-Yi Yang, Gopal Chandru Senadi, Yi-Chun Lai, Hsuan-Ying Chen* *J. Chin. Chem. Soc.* **2019**, *66*, 110–113.
6. Yi-Chen Lin, Yen-Jen Chen, Tzung-Yu Shih, Yu-Hsieh Chen, Yi-Chun Lai, Michael Y. Chiang, Gopal Chandru Senadi, Hsing-Yin Chen,* and Hsuan-Ying Chen* *Organometallics* **2019**, *38*, 223–230.
7. Tzung-Han Lin, Gene-Hsiang Lee, Shie-Ming Peng, Ching-Wen Chiu,* Hsuan-Ying Chen* *Polymer* **2019**, *180*, 121748-121752.
8. Feng-Jie Lai, Li-Ling Chiu, Chieh-Ling Lee, Wei-Yi Lu, Yi-Chun Lai, Shangwu Ding, Hsuan-Ying Chen,* Kuo-Hui Wu* *Polymer* **2019**, *182*, 121812-121821.
9. Wei-Chu Wang, Shih-Hsien Hsu, Yu-Chia Su, Hsuan-Ying Chen,* Chu-Chieh Lin* *J. Chin. Chem. Soc.* **2019**, *66*, 1211–1220.

2018

1. Man-Ting Jiang, Ying Hsien Lee, Wei-Yi Lu, Jaya Kishore Vandavasi, Yi-Chun Lai, Michael Y. Chiang, Hsuan-Ying Chen,* *eXPRESS Polymer Letters* **2018**, *12*, 126-135.
2. Wei-Yi Lu, Hsiu-Wei Ou, Chieh-Ning Lee, Jaya Kishore Vandavasi, Hsuan-Ying Chen,* Chu-Chieh Lin* *Polymer* **2018**, *139*, 1-10.
3. Hsiu-Wei Ou, Wei-Yi Lu, Jaya Kishore Vandavasi, Ya-Fan Lin,* Hsuan-Ying Chen,* Chu-Chieh Lin,* *Polymer* **2018**, *140*, 315-325.
4. Kuldeep Chand, Cheng-Long Tsai, Hsuan-Ying Chen, Wei-Min Ching, Sung-Po Hsu,* James R. Carey,* and Sodio C. N. Hsu,* *Eur. J. Inorg. Chem.* **2018**, 1093–1098.
5. Ting-Wei Huang, Rou-Rong Su, Yi-Chen Lin, Hsin-Yu Lai, Chien-Yi Yang, Gopal Chandru Senadi, Yi-Chun Lai, Michael Y. Chiang, and Hsuan-Ying Chen* *Dalton Trans.* **2018**, *47*, 15565–15573.

2017

1. Someswara Rao Kosuru, Ting-Han Sun, Li-Fang Wang, Jaya Kishore Vandavasi, Wei-Yi Lu, Yi-Chun Lai, Sodio C. N. Hsu,* Michael Y. Chiang,* and Hsuan-Ying Chen* *Inorg. Chem.* **2017**, *56*, 7998–8006.
 2. Chieh-Ling Lee, Ya-Fan Lin, Man-Ting Jiang, Wei-Yi Lu, Jaya Kishore Vandavasi, Li-Fang Wang, Yi-Chun Lai, Michael Y. Chiang, and Hsuan-Ying Chen* *Organometallics* **2017**, *36*, 1936–1945.
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3. Chiao-Yin Hsu, Hsi-Ching Tseng, Jaya Kishore Vandavasi, Wei-Yi Lu, Li-Fang Wang, Michael Y. Chiang, Yi-Chun Lai, Hsing-Yin Chen* and Hsuan-Ying Chen* *RSC Adv.*, **2017**, 7, 18851–18860.
 4. Hsuan-Ying Chen, Yu-Lun Lo, Pei-Ling Wu, Pei-Chi Lo, Li-Fang Wang* *Colloids and Surfaces B: Biointerfaces* **2017**, 156, 243–253.
 5. Wan-Jung Chuang, Sung-Po Hsu, Kuldeep Chand, Fu-Lun Yu, Cheng-Long Tsai, Yu-Hsuan Tseng, Yuh-Hsiu Lu, Jen-Yu Kuo, James R. Carey, Hsuan-Ying Chen, Hsing-Yin Chen, Michael Y. Chiang, and Sodio C. N. Hsu*, *Inorg. Chem.* **2017**, 56, 2722–2735.

2016

1. Yen-Tzu Huang, Wei-Chu Wang, Chun-Pin Hsu, Wei-Yi Lu, Wan-Jung Chuang, Michael Y. Chiang, Yi-Chun Lai and Hsuan-Ying Chen* *Polym. Chem.*, **2016**, 7, 4367–4377.
2. Wan-Jung Chuang, Yen-Tzu Huang, Yu-Hsieh Chen, Yu-Shan Lin, Wei-Yi Lu, Yi-Chun Lai, Michael Y. Chiang,* Sodio C. N. Hsu* and Hsuan-Ying Chen* *RSC Adv.*, **2016**, 6, 33014–33021.
3. Wan-Jung Chuang, Hsing-Yin Chen, Wei-Ting Chen, Heng-Yi Chang, Michael Y. Chiang, Hsuan-Ying Chen* and Sodio C. N. Hsu* *RSC Adv.*, **2016**, 6, 36705–36714.
4. Hsi-Ching Tseng, Hsing-Yin Chen, Yen-Tzu Huang, Wei-Yi Lu, Yu-Lun Chang, Michael Y. Chiang, Yi-Chun Lai, and Hsuan-Ying Chen* *Inorg. Chem.* **2016**, 55, 1642–1650.
5. Hsiu-Wei Ou, Kai-Hsuan Lo, Wei-Ting Du, Wei-Yi Lu, Wan-Jung Chuang, Bor-Hunn Huang, Hsuan-Ying Chen,* and Chu-Chieh Lin* *Inorg. Chem.* **2016**, 55, 1423–1432.
6. Hsuan-Ying Chen,* Yen-Tzu Huang, Jaya Kishore Vandavasi, Yu-Hsieh Chen and Chia-Hao Kuei* *J. Chin. Chem. Soc.* **2016**, 63, 859–863.
7. Yu-Sheng Liu, Shih-Jer Huang, Xiao-Shan Huang, Yi-Ting Wu, Hsuan-Ying Chen, Yu-Lun Lo and Li-Fang Wang* *RSC Adv.*, **2016**, 6, 75092–75103.

2015

1. Meng-Chih Chang, Wei-Yi Lu, Heng-Yi Chang, Yi-Chun Lai, Michael Y. Chiang,* Hsing-Yin Chen,* and Hsuan-Ying Chen* *Inorg. Chem.* **2015**, 54, 11292–11298.
2. Hsi-Ching Tseng, Michael Y. Chiang, Wei-Yi Lu, Yen-Jen Chen, Cheng-Jie Lian, Yu-Hsieh Chen, Hsin-Yi Tsai, Yi-Chun Lai and Hsuan-Ying Chen* *Dalton Trans.*, **2015**, 44, 11763–11773.
3. Yu-Hsieh Chen, Yen-Jen Chen, Hsi-Ching Tseng, Cheng-Jie Lian, Hsin-Yi Tsai, Yi-Chun Lai, Sodio C. N. Hsu,* Michael Y. Chiang* and Hsuan-Ying Chen* *RSC Adv.*, **2015**, 5, 100272–100280.
4. Hsi-Ching Tseng, Fu-Shen Chen, Michael Y. Chiang, Wei-Yi Lu, Yu-Hsieh Chen, Yi-Chun Lai and Hsuan-Ying Chen* *RSC Adv.*, **2015**, 5, 90682–90690.
5. Hsing-Yin Chen, Ying-Hsien Lee, Michael Y. Chiang, Wei-Yi Lu, Hsi-Ching Tseng, Hsin-Yi Tsai, Yu-Hsieh Chen, Yi-Chun Lai and Hsuan-Ying Chen* *RSC Adv.*, **2015**, 5, 82018–82026.
6. Hsiu-Wei Ou, Michael Y. Chiang, Jaya Kishore Vandavasi, Wei-Yi Lu, Yen-Jen Chen, Hsi-Ching Tseng, Yi-Chun Lai and Hsuan-Ying Chen* *RSC Adv.*, **2015**, 5, 477–484.
7. Chien-Hsing Lee, Ping-Shan Lai, Yen-Pei Lu, Hsuan-Ying Chen, Chee-Yin Chai, Rong-Kung Tsai, Kang-Tang Fang, Ming-Hsien Tsai, Chia-Yen Hsu, Chun-Cheng Hung, Deng-Chyang Wu, Hsin-Su Yu, Chung-Hsing Chang*, Din-Ping Tsai* *Journal of Dermatological Science* **2015**, 80, 124–132.

2014

1. Yu-Sheng Liu, Hsuan-Ying Chen, Jay-An Yeha, Li-Fang Wang* *RSC Adv.*, **2014**, 4, 59548–59557.
2. Hsiu-Wei Ou, Hsing-Yin Chen, Hsi-Ching Tseng, Mon-Wei Hsiao, Yu-Lun Chang, Nai-Yuan Jheng, Yi-Chun Lai, Tzung-Yu Shih, Yu-Ting Lin, Hsuan-Ying Chen* *J. Mol. Catal. A-Chem.* **2014**, 394, 97–104.
3. Yu-Sheng Liu, Chien-Chih Chiu, Hsuan-Ying Chen, Su-Hwei Chen,* and Li-Fang Wang* *Mol. Pharmaceutics* **2014**, 11, 1164–1175.

2013

1. Hsing-Ying Chen, Wei-Te Peng, Ying-Hsien Lee, Yu-Lun Chang, Yen-Jen Chen, Yi-Chun Lai, Nai-Yuan Jheng, and Hsuan-Ying Chen* *Organometallics* **2013**, 32, 5514–5522.
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2. Yen-Jen Chen, Hsin-Jou Fang, Sodio C. N. Hsu, Nai-Yuan Jheng, Hui-Chen Chang, Siou-Wei Ou, Wei-Te Peng, Yi-Chun Lai, Jia-Yun Chen, Pao-Lin Chen, Chien-Han Kao, Zhi-Xian Zeng, Jyun-Lin Chen, Hsuan-Ying Chen* *Polym. Bull.* **2013**, *70*, 993-1001.
 3. Yi-Hsun Chen, Troy T.Y. Lin, Hsuan-Ying Chen, Chai-Lin Kao, Hsing-Yin Chen, Sodio C.N. Hsu*, James R. Carey*, Michael Y. Chiang* *Journal of Inorganic Biochemistry* **2013**, *120*, 24-31.

2012

1. Siou-Wei Ou, Wei-Yi Lu and Hsuan-Ying Chen* *Acta Cryst. E* **2012**, *E68*, m172
2. Wei-Yi Lu, Mon-Wei Hsiao, Sodio C. N. Hsu, Wei-Te Peng, Ya-Ju Chang, Yu-Chi Tsou, Ting-Yi Wu, Yi-Chun Lai, Yun Chena and Hsuan-Ying Chen* *Dalton Trans.*, **2012**, *41*, 3659–3667.
3. Hsin-Jou Fang, Ping-Shan Lai, Jia-Yun Chen, Sodio C. N. Hsu, Wei-De Peng, Siou-Wei Ou, Yi-Chun Lai, Yen-Jen Chen, Hsuan Chung, Yun Chen, Ta-Chou Huang, Bo-Sheng Wu, Hsuan-Ying Chen* *J. Polym. Sci., Part A: Polym. Chem.* **2012**, *50*, 2697–2704.
4. Hsuan-Ying Chen*, Hsin-Jou Fang, Yen-Jen Chen, Sodio C. N. Hsu, Yi-Chun Lai, Hsiu-Wei Ou, Wei-Te Peng, Ya-Ju Chang, Yu-Chi Tsou, Ting-Yi Wu, Hsuan Chung, Yun Chen, Ta Chou Huang, Bo Sheng Wu *J. Polym. Sci., Part A: Polym. Chem.* **2012**, *50*, 3286–3294.
5. Hsuan-Ying Chen, Laurent Mialon, Khalil A. Abboud, Stephen A. Miller* *Organometallics* **2012**, *31*, 5252-5261.
6. Yen-Jen Chen, Mon-Wei Hsiao, Nai-Yuan Jheng, Yi-Chun Lai and Hsuan-Ying Chen* *Acta Cryst. E* **2012**, *E68*, 1496.
7. Hsuan-Ying Chen*, Wei-Yi Lu, Yen-Jen Chen, Sodio C. N. Hsu, Siou-Wei Ou, Wei-Te Peng, Nai-Yuan Jheng, Yi-Chun Lai, Bo-Sheng Wu, Hsuan Chung, Yun Chen, Ta-Chou Huang *J. Polym. Sci., Part A: Polym. Chem.* **2012**, *51*, 327-333.
8. Sodio C. N. Hsu,* Yu-Lun Chang, Wan-Jung Chuang, Hsing-Yin Chen, I-Jung Lin, Michael Y. Chiang, Chai-Lin Kao, and Hsuan-Ying Chen *Inorg. Chem.* **2012**, *51*, 9297–9308.

2011

1. Ming-Jium Shieh, Chia-Yen Hsu, Ling-Yi Huang, Hsuan-Ying Chen, Fei-Hong Huang, Ping-Shan Lai* *J. Controlled Release* **2011**, *152*, 418–425.
2. Chuang, H.-J.; Weng, S.-F.; Chang, C.-C.; Lin, C.-C.*; Chen, H.-Y.* *Dalton Trans.*, **2011**, *40*, 9601–9607.
3. Chen, H.-Y.*; Peng, Y.-L.; Huang, T.-H.; Sutar, A. K.; Miller, S. A.; Lin, C.-C.* *Journal of Molecular Catalysis A: Chemical*, **2011**, *339*, 61–71.

2010

1. Chen, H.-Y.; Liu, M.-Y.; Sutar, A. K.; Lin, C.-C.* *Inorg. Chem.* **2010**, *49*, 665–674.

2009

1. Price, C. J.; Chen, H.-Y.; Launer, L. M.; Miller, S. A.* *Angew. Chem. Int. Ed.* **2009**, *48*, 956-959.
2. Chen, H.-Y.; Zhang J.; Lin, C.-C.*; Reibenspies J. H.; Miller S. A.* *Green Chemistry*, **2009**, *9*, 1038-1040.

2007

1. Tang, H.-Y.; Chen, H.-Y.; Lin, C.-C.*; *Macromolecules*, **2007**, *40*, 8855-8860.
2. Chen, H.-Y.; Tang, H.-Y.; Lin, C.-C.*; *Polymer*, **2007**, *48*, 2257-2262.
3. Su, C.-H.; Chen, H.-Y.; Tsai, K. Y.-D.; Chang, I-Jy* *J. Phys. Chem. B*, **2007**, *111*, 6857-6860.

2006

1. Chen, H.-Y.; Tang, H.-Y.; Lin, C.-C.* *Macromolecules*, **2006**, *39*, 3745-3752.
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2. Reddy, G. S.; Chen, H.-Y.; Chang, I-Jy* *Journal of the Chinese Chemical Society*, **2006**, 53, 1303-1308.
 3. Chen, H.-Y.; Lin, C.-C*, *Section E. Acta Crystallographica*, **2006**. E62, m1693-1694.

2005

1. Chen, H.-Y.; Huang, B.-H.; Lin, C.-C*, *Macromolecules*, **2005**. 38, 5400-5405.
 2. Lai, Y.-C.; Chen, H.-Y.; Hung, W.-C.; Lin, C.-C.; Hong, F.-E* *Tetrahedron*, **2005**. 61, 9484-9489.
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