

年 級：博七

## 著作列表

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### Journal Papers

1. **Y.H. Hsiao**, F.P. Lin, S.I. Lin, and C.C. Chen, "Real-World Underwater Fish Recognition and Identification, using Sparse Representation," *Ecological Informatics*, vol. 23, pp. 13-21, 2014. (SCI, IF=1.961 (2013), 5-Year IF=2.216)
2. **Y.H. Shiau**, C.C. Chen, and S.I. Lin, "Using Bounding-Surrounding Boxes Method for Fish Tracking in Real World Underwater Observation," *International Journal of Advanced Robotic Systems*, vol. 10, pp. 1-6, 2013. (SCI-E, IF=0.497 (2013), 5-Year IF=0.579)

### Conference Papers

1. **Y.H. Hsiao**, and C.C. Chen, "Over-Atoms Accumulation Orthogonal Matching Pursuit Reconstruction Algorithm for Fish Recognition and Identification," *International Conference on Pattern Recognition (ICPR)*, 2016. (accepted)
2. **Y.H. Hsiao**, and C.C. Chen, "A Sparse Sample Collection and Representation Method Using Re-weighting and Dynamically Updating OMP for Fish Tracking," *International Conference on Image Processing (ICIP)*, pp. 3494-3497, 2016.
3. **Y.H. Shiau**, and C.C. Chen, "A Sparse Representation Method with Maximum Probability of Partial Ranking for Face Recognition," *International Conference on Image Processing (ICIP)*, pp. 1445-1448, 2012.
4. **Y.H. Shiau**, F.P. Lin, and C.C. Chen, "Using Sparse Representation for Fish Recognition and Verification in Real World Observation," *Proc. Int. Workshop on Visual Observation and Analysis of Animal and Insect Behavior (VAIB), in conjunction with International Conference on Pattern Recognition*, 2012.
5. **Y.H. Shiau**, S.I. Lin, Y.H. Chen, S.W. Lo and C.C. Chen, "Fish Observation, Detection, Recognition and Verification in The Real World," *International Conference on Image Processing, Computer Vision, & Pattern Recognition*, pp. 120-125, 2012.