CURRICULUM VITAE

Li-An Chu

AFFILIATION

Department of Biomedical Engineering, National Taiwan University
Brain Research Center, National Tsing Hua University.

CONTACT

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FIELD OF SPECIALTY

Super-resolution microscopy imaging, Fluorescent Microscopy, Light sheet Microscopy, Electrophysiology, Biological Sample Clearing, Animal Behavior, Brain Neuroscience, Deep Learning Image Data Analysis.

CURRENT INDEPENDENT RESEARCH PROJECTS

Based on my training in Power Mechanical Engineering, Neuroscience and Biotechnology, I devote my research career in developing machines, microscopies, automated systems in solving biological questions. My research goal is to provide high speed multiscale imaging platform for various biological tissues. Two strategies will be taken: (i) design and manufacture next generation lightsheet microscopies for fluorescent base large scale super-resolution bio-imaging; (ii) design and manufacture automated biological sample processing machines for large tissue clearing and labeling such as whole animal, whole organ (brain, heart, skin, gut, liver…etc) or different tumor types.

CONFERENCE COMMITTEE:

BISC 2023
Optic 2024
FOM 2025

JOURNAL EDITORIAL BOARD

Frontiers in Neuroscience
Methods in Microscopy

EDUCATION

2009-2016 Ph.D.	Institute of Biotechnology, National Tsing Hua University, Taiwan Advisor: Prof. Ann-Shyn Chiang
2012-2013 Visiting Scientist	Cold Spring Harbor Laboratory, New York, USA
2007-2009 Master	Institute of Biotechnology, National Tsing Hua University, Taiwan
2003-2007 Bachelor	Power Mechanical Engineering Department, National Tsing Hua University, Taiwan

HONOR

2025 Best Technology Breakthrough Award at Future Technology Exhibition.
2025 Young Scholar Award, Microscopy Society, Taiwan
2024 Young Scholar Award, Biomaterials and Control Released Society, Taiwan
2023 Best Technology Breakthrough Award at Future Technology Exhibition.
2020 National innovation award, Clinical applications.

2020 New Faculty Research Award, National Tsing Hua University, Taiwan.
2020 Postdoc Academic Research Award, Ministry of Science and Technology, Taiwan.
2019 Juror's Choice Award in NeuroArt Image Contest, BMF Bioscience
2018 Best Media Attention Award and Best Technology Breakthrough Award at Future Technology Exhibition.
2017 EMBL Advanced Training Centre Corporate Partnership Program Fellowship.
2017 Ministry of Science and Technology, Independent Postdoc Grant and Fellowship.
2017 Distinguish Postdoc Fellowship in Academia Sinica.
2017 Hope Fellow of Japan Society of the promotion of science
2016 Membership of The Phi Tau Phi Scholastic Honor Society
2016 Outstanding women in Science award-Meng Tsui Chu Scholarship
2014 Best Presentation Award, Life Science Student Activity Fair of Tsing Hua University and Osaka University
2014 Shen-Ju Chen outstanding paper award
2014 Mu-Ming Poo neuroscience paper award
2013 First Place of Instrument Technology Innovation Competition
2011 Graduate Student Study Abroad Program (1year)
2011 Third place of National innovation award, Student group
2010 EMBL travel grant
2010 Outstanding Students Conference Travel Grant from Foundation for the advancement of outstanding Scholarship
2009 NTHU President PhD Scholarship
2007 Mei Yi-Chi Memorial Prize

INTERNATIONAL SERVICE

Frontiers in Neuroscience: Editorial Board
Taiwan Society for Computational Neuroscience: Chief Secretary
Bernstein Node Taiwan for Bernstein Network Computational Neuroscience: Taiwan Node member

STUDENTS AWARD

2025 Ya-Hui Lin, TSBME, Best Oral Presentation Award
2025 Yung-Ching Lu, TSBME, Best Poster Presentation Award
2023 Heng-Chang, President Award (Scholarship), National Tsing Hua University
2022 Ya-Hui Lin, The 2nd Taiwan microscopy image context, Golden award.
2022 Li-Wen Wang, The 2nd Taiwan microscopy image contest, 佳作
2022 Ya-Han Chung, The 5th international SPIE, Outstanding oral presentation
2021 Ya-Hui Lin, The 3rd International Symposium on Engineering and Technology (ISET), Outstanding oral presentation
2020 Ya-Hui Lin, President Award (Scholarship), National Tsing Hua University

GRANT

1. 5 years, Ministry of Science and Technology, Young Scholar Fellowship Grant, MOST 109-2636-B-007-005, MOST 110-2636-B-007-007, MOST 111-2636-B-007-007, MOST 112-2636-B-007-006, NSTC 113-2636-B-007-004, $27,000,000
2. 1 year, Ministry of Science and Technology, Development of a multi-species, deformation-free, CM level multiplex brain imaging technique, NSTC- 113-2311-B-007-013, $1,740,000

4. 3 years , Ministry of Science and Technology , Independent Postdoc Grant and Fellowship, MOST 106-2321-B-007 -008 -MY3, $2,700,000
5. 2 years, Academia Sinica, Distinguish Postdoc Research Scholar, $300,000

PATENT

1. US:
   EPI-CONESHELLLIGHT-SHEET SUPER-RESOLUTION SYSTEM AND MICROSCOPE (Patent number: US11,073,477B2)
   DETECTING PLATFORM FOR HOLDING A TINY INSECT (Patent number: US8,985, 056 B2)

2. Taiwan:
   1. SYSTEM FOR CLASSIFYING TINY INSECTS (Patent number: I442884)
   2. DETECTING PLATFORM FOR HOLDING TINY INSECTS (Patent number: I428185)
   3. BREAST CANCER RISK ASSESSMENT METHOD (Patent number: I866867)
   4. ELECTRODE SET AND DEVICE FOR TISSUE TRANSPARENTIZING (Patent number: I887661, Issue date: 2025/6/21)
3. China:
   TINY INSECT DETECTION (Patent number: CN 103027010 B)

INDUSTRIAL COLLABORATION

2020-now Nebulum Technology (Image analysis) (Founder)
2020-now Yuan-Li Instrument CO.. LTD. (Talent cultivation)
2023-now Southport Technology (Microscopy Design, Talent cultivation)
2024-now ImDerma Laboratories (Imaging and image analysis)

PUBLICATION LIST

1. Wan-Chi Pan, Ya-Hui Lin, Hoi Man Iao, Yun-Hsuan Chang, Hsiu-Ching Liu, Ngoc-Tri Tran, I-Chi Lee, Hui-Wen Lien, Eric Hwang*, Li-An Chu*, Shang-Hsiu Hu* (May 2025d) "In Situ Magnetoelectric Generation of miRNA Sponges and Wireless Electric Stimulus by Conductive Granular Scaffolds for Nerve Regeneration" ***Advanced Materials***, **(IF:27.4)**

2. Hoi Man Iao, Chih-Ying Chen, Ya-Hui Lin, Wan-Chi Pan, Chun-Yi Liang, Hsiu-Ching Liu, Lo-Jei Ching, Pei-Yu Weng, Min-Ren Chiang, Ru-Siou Hsu, Tsu-Chin Chou, I-Chi Lee, Lun-De Liao, Li-An Chu,* Shih-Hwa Chiou,* and Shang-Hsiu Hu*, (May 2025) "Wireless In Situ Catalytic Electron Signaling-Mediated Transcriptomic Reprogramming for Neuron Regeneration via Adaptable Antennas" ***Advanced Science***, 2504786 **(IF:14.3)**

3. Xuejiao Tian, Tzu-Yang Lin, Po-Ting Lin, Min-Ju Tsai, Hsin Chen, Wen-Jie Chen, Chia-Ming Lee, Chiao-Hui Tu, Jui-Cheng Hsu, Tung-Han Hsieh, Yi-Chung Tung, Chien-Kai Wang, Suewei Lin, Li-An Chu, Fan-Gang Tseng, Yi-Ping Hsueh, Chi-Hon Lee, Peilin Chen 1 & Bi-Chang Chen,

(Dec. 2024) "Rapid lightsheet fluorescence imaging of whole Drosophila brains at nanoscale resolution by potassium acrylate-based expansion microscopy." ***Nature Communications***, 10911 **(IF:14.7)**

4. Ya-Han Chuang#, Yueh-Feng Wu#, Ya-Hui Lin, Yu-Xian Zhou, Shao-Chun Hsu, Ann-Shyn Chiang, Sung-Jan Lin* and **Li-An Chu*,** (Aug. 2024) "Super-Resolution Imaging In Collagen-Abundant Thick Tissues.", ***Small Structures***, 2400231 **(IF:13.9)**
5. **Li-An Chu**, Chu-Yi Tai, Ann-Shyn Chiang*, Thirst-driven hygrosensory suppression promotes water seeking in *Drosophila.* (Aug. 2024). ***PNAS***, 121 (34) e2404454121. **(IF:9.4)**
6. Yalamandala, B. N., Chen, Y. J., Lin, Y. H., Huynh, T. M. H., Chiang, W. H., Chou, T. C., Liu, H. W., Huang, C. C., Lu, Y. J., Chiang, C. S., **Chu, L. A**., & Hu, S. H. (July 2024). "A Self-Cascade Penetrating Brain Tumor Immunotherapy Mediated by Near-Infrared II Cell Membrane-Disrupting Nanoflakes via Detained Dendritic Cells." ***ACS nano***, 18(28), 18712–18728 **(IF:16.2)**
7. Po-Kai Luo, Hui-Min Ho, Min-Chun Chiang, Li-An Chu, Ya-Han Chuang, Ping-Chiang Lyu, I-Chen Hu, Wan-An Chang, Sheng-Yao Peng, Jayachandran Jayakumar, Hsin-Lung Chen, Ming-Hsi Huang,* and Hsing-Wen Sung*, (June. 2024), pH-Responsive $\boldsymbol{\beta}$-Glucans-Complexed mRNA in LNPs as an Oral Vaccine for Enhancing Cancer Immunotherapy, ***Advanced Materials***, 244, 2404830 **(IF:27.4)**
8. Ya-Hui Lin , Li-Wen Wang , Yen-Hui Chen , Yi-Chieh Chan , Shang-Hsiu Hu , Sheng-Yan Wu , Chi-Shiun Chiang , Guan-Jie Huang , Shang-Da Yang , Shi-Wei Chu , Kuo-Chuan Wang , Dr. Chin-Hsien Lin , Pei-Hsin Huang , Hwai-Jong Cheng , Bi-Chang Chen*, **Li-An Chu***, (May 2024), Revealing intact neuronal circuitry in centimeter-sized formalin-fixed paraffin-embedded brain, ***eLife***, 13:RP93212 **(IF:8.12)**
9. Mohammed Bin Abubaker, Fu-Yu Hsu, Kuan-Lin Feng, Li-An Chu, J. Steven de Belle, Ann-Shyn Chiang*, (Feb. 2024) "Asymmetric neurons are necessary for olfactory learning in the Drosophila brain", ***Current Biology***, (34) 946-957.
10. Gary-Han Chang, Meng-Yun Wu, Ling-Hui Yen, Da-Yu Huang, Ya-Hui Lin, Yi-Ru Luo, Ya-Ding Liu, Bin Xu, KamW. Leong, Wen-Sung Lai, Ann-Shyn Chiang, Kuo-Chuan Wang, Chin-Hsien Lin, Shih-Luen Wang, **Li-An Chu*** (Feb. 2024) "Isotropic multi-scale neuronal reconstruction from high-ratio expansion microscopy with contrastive unsupervised deep generative models", ***Computer Methods and Programs in Biomedicine***, 244, 107991 **(IF:6.1)**
11. Min-Ren Chiang*, Ya-Hui Lin*, Wei-Jie Zhao, Hsiu-Ching Liu, Ru-Siou Hsu, Tsu-Chin Chou, Tsai-Te Lu, I-Chi Lee, Lun-De Liao, Shih-Hwa Chiou, **Li-An Chu*,** Shang-Hsiu Hu*, (Oct, 2023) "In Situ Forming of Nitric Oxide and Electric Stimulus for Nerve Therapy by Wireless Chargeable Gold Yarn-Dynamos", ***Advanced Science***, 22, **(IF:17.521)**
12. Yueh-Feng Wu; Nai-Wen Chang; **Li-An Chu**; Hsin-Yu Liu; Yu-Xian Zhou; Yun-Lin Pai; Yu-Sheng Yu; Chen-Hsiang Kuan; Yu-Ching Wu; Sung-Jan Lin; Hsin-Yuan Tan, (Oct, 2023) "Single-Cell Transcriptomics Reveals Cellular Heterogeneity and Complex Cell–Cell Communication Networks in the Mouse Cornea", ***Investigative Ophthalmology and Visual Science***, (64) 13. **(IF:4.925)**
13. Hsuan-Yu Mu, Chiao-Min Lin, **Li-An Chu,** Ya-Hui Lin, Ji Li, Chao-Yu Liu, Hsi-Chien Huang, Sheng-Liang Cheng, Tsung-Ying Lee, Hsin Mei Lee, Hsin-Min Chen, Yun-Jen Tsai, Yunching Chen, Jen-Huang Huang, (Sep 2023) "Ex Vivo Evaluation of Combination Immunotherapy Using Tumor-Microenvironment-on-Chip", ***Advanced Healthcare Materials***, 13, 2302268 (**IF:11.092**)
14. Yi-Chieh Chan*, Ya-Hui Lin *, Hsiu-Ching Liu, Ru-Siou Hsu, Min-Ren Chiang, Li-Wen Wang, Tsu-Chin Chou, Tsai-Te Lu e f g, I-Chi Lee a**, Li-An Chu*,** Shang-Hsiu Hu*, (Aug, 2023) "In situ magnetoelectric generation of nitric oxide and electric stimulus for nerve therapy by wireless chargeable molybdenum carbide octahedrons", ***Nanotoday***, (51) 101935 (**IF:18.962**)
15. Kuan-Hung Chen, Nhien Nguyen, Tun- YuHuang, Yu-Jung Lin, Yu-Tzu Yu, Hsiang-Lin Song, Jui-To Wang, Khanh Nguyen, Hsin-Lung Chen, **Li-An Chu**, Hui-HuaKenny Chiang, Hsing-Wen

Sung*, (June 2023) “Macrophage-Hitchhiked Orally Administered B-Glucans-Functionalized Nanoparticles as “Precision-Guided Stealth Missiles” for Targeted Pancreatic Cancer Therapy”, ***Advanced Materials***, (35) 2304735 (**IF:29.4)**

16. Pooyan Heravi, **Li-An Chu***, Da-Jeng Yao*, (June 2023) “Reorientation of the interface between two miscible solutions of equal density”, ***Experimental Thermal and Fluid Science***, , 144, 110854
17. Pooyan Heravi, **Li-An Chu***, Da-Jeng Yao*, (Jan 2023) “An empirical model for lateral flow in horizontally stratified flow”s, ***Microfluidics and Nanofluidics***, , 27:4
18. Wei Cheng, Yu-Lin Su, Hao-Hsiang Hsu, Ya-Hui Lin, **Li-An Chu**, Wei-Chen Huang, Yu-Jen Lu, Chi-Shiun Chiang, and Shang-Hsiu Hu*. (Dec. 2022) “Rabies Virus Glycoprotein-Mediated Transportation and T Cell Infiltration to Brain Tumor by Magnetoelectric Gold Yarnballs”. ***ACS Nano***, 16, 3, 4014–4027 (**IF: 18.027**)
19. Ru-Siou Hsu, Ssu-Ju Li, Jen-Hung Fang, I-Chi Lee, **Li-An Chu**, Yu-Chun Lo, Yu-Jen Lu, You-Yin Chen & Shang-Hsiu Hu*, (Sep. 2022) “Wireless charging-mediated angiogenesis and nerve repair by adaptable microporous hydrogels from conductive building blocks”, ***Nature Communications***, 13, 5172 **(IF:14.919)**
20. Guan-Jie Huang, Pei-Chen Lai, Ming-Wei Shen, Jia-Xuan Su, Jhan-Yu Guo, Kuo-Chuan Chao, Peng Lin, Ji-Xin Cheng, **Li-An Chu**, Ann-Shyn Chiang, Bo-Han Chen, Chih-Hsuan Lu, Shi-Wei Chu*, and Shang-Da Yang*, (2022) “Towards stimulated Raman scattering spectro-microscopy across the entire Raman active region using a multiple-plate continuum”, ***Optics Express***, Vol 30, Issue 21, pp. 38975-38984.
21. Chin-Hsien Lin, MD, PhD,* Han-Yi Lin, MS, En-Pong Ho, MS, Yi-Ci Ke, MS, Mei-Fang Cheng, MD,2 Chyng-Yann Shiue, PhD,2 Chi-Han Wu, MS,2 Peng-Hsiang Liao, Angela Yu-Huey Hsu, **Li-An Chu, PhD,** Ya-Ding Liu, Ya-Hui Lin, Yi-Cheng Tai, MD, Chia-Tung Shun, MD, PhD, Han-Mo Chiu, MD, PhD, and Ming-Shiang Wu, MD, PhD, (April 2022) “Mild Chronic Colitis Triggers Parkinsonism in LRRK2 Mutant Mice Through Activating TNF-α Pathway”, ***Movement Disorder***, 37(4):745-757 (**IF: 10.338**)
22. **Li-An Chu***, Shu-Wei Chang, Wei-Chun Tang, Yu-Ting Tseng, Peilin Chen, Bi-Chang Chen*. (April 2021) "5D superresolution imaging for a live cell nucleus”. ***Curr Opin Genet Dev***, 67:77-83 **(IF:5.578)**
23. Wu, Chen-Yi, Jhang, Jhih-Gang, Lin, Wan-Syuan, Lin, Chih-Wei **Chu, Li-An** and Chiang, Ann-Shyn, Ho, Han-Chen, Chan, Chih-Chiang* and Huang, Shu-Yi*, (Dec. 2021) "Dihydroceramide Desaturase Promotes the Formation of Intraluminal Vesicles and Inhibits Autophagy to Increase Exosome Production", ***iScience*****,** 24 103437 **(IF:5.08)**
24. Venkanagouda S. Goudar, Manohar Prasad Koduri, Yen-Nhi Ngoc Ta, Yunching Chen, Li-An Chu, Long-Sheng Lu,* and Fan-Gang Tseng*, (Oct. 2021) “The Impact of Desmoplastic Tumor Microenvironment for Colon Cancer Drug Sensitivity: A Study with 3D Chimeric Tumor Spheroids”, ***ACS Applied Materials & Interfaces***. **(IF:9.229)**
25. Ya-Chu Chang, Yu-Xiang Peng, Bo-Hua Yu, Henry C. Chang, Pei-Shin Liang, Ting-Yi Huang, Chao-Jie Shih, **Li-An Chu** & Tzu-Kang Sang*, (July 2021) “VCP maintains nuclear size by regulating the DNA damage-associated MDC1–p53–autophagy axis in *Drosophila”***, *Nature Communication*** 12:4258. **(IF:14.919)**
26. Zhiqiang Fu, Qiang Geng, Jialong Chen, **Li-An Chu**, Ann-Shyn Chiang, Shih-Chi Chen*. (July 2021) “Light field microscopy based on structured light illumination”. ***Optics Letters****,* 12; 7:3887-3901 **(IF:3.776)**
27. **Li-An Chu***, (July 2020) "Olfactory neurons in *Drosophila*", ***Journal of Neuroscience Research***, 98;10:1829-1830. **(IF:4.164)**
28. Yun-Chieh Sung, Peiru Jin, **Li-An Chu**, Fu-Fei Hsu, Mei-Ren Wang, Chih-Chun Chang, Dong-Yu Gao1, Show-Jen Chiou, Jiantai Timothy Qiu, Chu-Chi Lin, Yu-Sing Chen, Yi-Chiung Hsu, Jane Wang, Fu-Nien Wang, Pei-Lun Yu, Ann-Shyn Chiang, Tsai-Te Lu*, Yunching Chen* (Dec

2019) “Nanotechnology-enabled delivery of Nitric Oxide Promotes Tumor Vessel Normalization and Potentiates Anti-Cancer Therapies”, ***Nature nanotechnology,*** 14;12:1160-1169 **(IF:39.213)**

29. **Li-An Chu***, Chieh-Han Lu*, Shun-Min Yang, Yen-Ting Liu, Kuan-Lin Feng, Yun-Chi Tsai, Wei-Kun Chang, Peilin Chen, Ting-Kuo Lee, Yeu-Kuang Hwu, Ann-Shyn Chiang*, Bi-Chang Chen*, (Oct 2019) “Rapid single-wavelength lightsheet localization microscopy for clarified tissue”, ***Nature Communications,*** 10:4762 **(IF:14.919)**

30. Han-Yuan Lin*, **Li-An Chu***, Hsuan Yang, Kuo-Jen Hsu, Yen-Yin Lin, Keng-Hui Lin*, Shi-Wei Chu*, and Ann-Shyn Chiang*, “Imaging through the whole brain of Drosophila at λ/20 super-resolution”, ***iScience,*** 2019 April, 164-170. **(IF:5.08)**
31. Ye Zhang*, Tin Ki Tsang*, Eric Bushong, **Li-An Chu**, Ann-Shyn Chiang, Mark Ellisman, Jürgen Reingruber, Chih-Ying Su*, “Asymmetric ephaptic inhibition between compartmentalized olfactory receptor neurons”, ***Nature Communications***, 2019 April, 10:1560. **(IF:14.919)**
32. Lin YY, Wu MC, Hsiao PY, **Chu LA**, Yang MM, Fu CC, Chiang AS, “Three-wavelength light control of freely moving *Drosophila Melanogaster* for less perturbation and efficient social-behavioral studies”. Biomed Opt Express, Jan 2015 13;6(2):514-23. **(IF: 3.497)**
33. Ming-Chin Wu*, **Li-An Chu***, Po-Yen Hsiao*, Yen-Yin Lin, Tsai-Feng Fu, Chen-Chieh Chi, An-Kuo Hong, Tsung-Ho Liu, Chien-Chung Fu, & Ann-Shyn Chiang, “Optogenetic control of selective neural activity in multiple freely moving *Drosophila* adults”, **PNAS, Apr 8, 2014;111(14):5367-72 (IF:11.205) (*: Co-first authors)**
    Related reports:
    https://pansci.asia/archives/97855?fbclid=IwAR00q7XCfsgwky58bR6dViI58E0Y47Q3ASxHSfo5XUH5AgYVP3OJsI_cXxo
    https://www.the-scientist.com/modus-operandi/laser-guided-chastity-37239
34. Hui-Hao Lin, **Li-An Chu**, Tsai-Feng Fu, Barry J. Dickson, Ann-Shyn Chiang*, “Parallel Neural Pathways Mediate CO2 Avoidance Responses in *Drosophila*”, **Science, June 14, 2013;340(6138):1338-41. (IF:41.845)**
35. C-T Hong, **L-A Chu,** W-C Lai, A-S Chiang and W-L Fang*, Implementation of a New Capacitive Touch Sensor Using the Nanoporous Anodic Aluminum Oxide (np-AAO) Structure. IEEE Sensor Journal, 2011, June 23;11(12);3409-16 **(IF: 1.852)**

INVITED SPEECH

2026 01	(Invited) SPIE Photonics Bios 2026, USA
2025 08	(Invited) NeuroAI summer school, Taiwan
2025 04	(Lecture) Focus on Microscopy 2025, Taiwan
2025 02	(Plenary) Asia Pacific Microscopy Congress 2025, Australia
2024 12	(Invited) IEEE Nano-medicine 2024, USA
2024 11	(Keynote) Asia Pacific Computational Cognitive Conference, 2024, Korea
2024 11	Department of Biology, NTHU, Taiwan
2024 09	(Invited) Expansion User Group, Brisbane, Australia (Online, Australia)
2024 08	Taiwan Society of Neuroscience 2024, Taiwan
2024 08	(Invited) NFCIBR Seminar, Seattle Children’s Hospital, USA
2024 06	Department of Power Mechanical Engineering, NTHU, Taiwan
2024 06	(Invited) 6th Pan Pacific Symposium on Stem Cells and Cancer Research (PPSSC 2024), Taiwan
2024 05	Department of Industrial Engineering and Engineering Management, NTHU

2024 05 Institute and Undergraduate Program of Electro-Optical Engineering, National Taiwan Normal University
2024 04 Institute of Atomic and molecular Sciences, Academia Sinica
2024 03 Department of Photonics, NYMCTU
2024 03 Department of Physics, Fu Jen Catholic University
2024 01 Bio-innovation Center, Buddhist Tzu Chi Medical Foundation
2023 11 NTHU-University of Toronto Bilateral Symposium
2023 11 International Conference of Developmental Biology, Stem Cells and Regenerative Medicine
2023 11 College of Technology Management, National Tsing Hua University
2023 10 Annual Meeting of Department of Medical Research at NTUH
2023 04 Focus on Microscopy
2022 12 5th GCBME, 20221216
2022 12 The 4th East-Asia Microscopy Conference, EAMC4, 20221203
2022 08 APPC15, 20220826 (Online)
2021 09 National Tsing Hua University Library
2021 07 Imaging in Neuroscience 20210708 (Online)
2020 12 Bringing The Nanoworld Together 2020, (Keynote speaker) Whole organ imaging in single cell resolution, 20201204, 9th Annual Event for Nanotechnology in India (Online)
2020 11 NTHU- Université Paris-Saclay bi-lateral conference: Biomedical Smart Devices and Characterization Tools:
2020 09 Super-resolution imaging reveals protein synthesis in Drosophila brain, AP-CCN, Taiwan