

醫工系論文發表數、研究計畫數、技轉、專利統計

(111 學年度 2022/08/01-2023/07/31)

專任 教師	論文發表數 SCI	研究計畫數			技轉	專利
		政府部門	非政府部門	小計		
賴瑞陽	5	3	0	3	0	0
蔡曉雯	4	1	1	2	0	0
吳旻憲	9	2	4	6	3	4
戴金龍	7	1	1	2	0	1
李健峰	4	1	0	1	0	0
陳祥和	3	1	1	2	0	1
林彥亨	0	1	0	1	0	0
余仁方	0	0	0	0	0	0
蔡協孚	1	1	0	1	0	0
總計	33	11	7	18	3	6

IF > 10 : 6 篇 ; Q1 : 23 篇

論文發表數 SCI :

賴瑞陽 :

1. Nguyen DD, Yao CH, Luo LJ, Chen HC, Hsueh YJ, Ma DHK, **Lai JY**. Oxidation-mediated scaffold engineering of hyaluronic acid-based microcarriers enhances corneal stromal regeneration. *Carbohydrate Polymers* 2022;292:119668. [IF: 10.723, R: 2/56, Q1]
2. Nguyen DD, Yao CH, Lue SJ, Yang CJ, Su YH, Huang CC, **Lai JY**. Amination-mediated nano eye-drops with enhanced corneal permeability and effective burst release for acute glaucoma treatment. *Chemical Engineering Journal* 2023;451:138620. [IF: 16.744, R: 4/143, Q1]
3. Anand A, Jian HJ, Huang HH, Hean LE, Li YJ, **Lai JY**, Chou HD, Kang YC, Wu WC, Lai CC, Huang CC, Chang HT. Anti-angiogenic carbon nanovesicles loaded with bevacizumab for the treatment of age-related macular degeneration. *Carbon* 2023;201:362-370. [IF: 11.307, R: 40/345, Q1]
4. Nguyen DD, Luo LJ, Yang CJ, **Lai JY**. Highly retina-permeating and long-acting resveratrol/metformin nanotherapeutics for enhanced treatment of macular degeneration. *ACS Nano* 2023;17:168-183. [IF: 18.027 , R: 20/345 , Q1]

5. Jian HJ, Anand A, **Lai JY**, Unnikrishnan B, Chang HT, Harroun SG, Huang CC. In situ hybridization of polymeric curcumin to arginine-derived carbon quantum dots for synergistic treatment of bacterial infections. *ACS Applied Materials & Interfaces* 2023;15:26457-26471. [IF: 10.383 , R: 49/345, Q1]

蔡曉雯：

1. Lo, C. Y., **S.-W. Tsai**, H. Niu, F. H. Chen, H. C. Hwang, T. C. Chao, I. T. Hsiao, and J. W. Liaw. 2023. Gold-Nanoparticles-Enhanced Production of Reactive Oxygen Species in Cells at Spread-Out Bragg Peak under Proton Beam Radiation. *ACS Omega* 8 (20):17922-17931. [IF: 4.132 , R: 73/179 , Q2]
2. **Tsai, S.-W.**, Y.-W. Hsu, W.-L. Pan, A. Vadivelmurugan, P.-A. Hwang, and F.-Y. Hsu. 2022a. Influence of the Components and Orientation of Hydroxyapatite Fibrous Substrates on Osteoblast Behavior. *Journal of Functional Biomaterials* 13 (4):168. [IF: 4.901 , R: 34/98 , Q2]
3. **Tsai, S. W.**, C. Y. Lo, S. Y. Yu, F. H. Chen, H. C. Huang, L. K. Wang, and J. W. Liaw. 2022b. Gold Nanoparticles Enhancing Generation of ROS for Cs-137 Radiotherapy. *Nanoscale Res Lett* 17 (1):123. [IF: 5.418 , R: 38/161 , Q1]
4. Vadivelmurugan, A., and **S.-W. Tsai**. 2022. The Influence of Scaffold Interfaces Containing Natural Bone Elements on Bone Tissue Engineering Applications. *Coatings* 12 (12):1888. [IF: 3.236 , R: 66/161 , Q2]

吳旻憲：

1. Tzong-Shi Chiueh, Hsin-Yao Wang, **Min-Hsien Wu**, Yu-Shan Hsueh, Hui-Chu Chen. Evaluation of Platelet Alloimmunization by Filtration Enzyme-Linked Immunosorbent Assay. *Diagnostics*. 2023, 13(10), 1704; <https://doi.org/10.3390/diagnostics13101704> [IF: 3.992 , R: 60/172 , Q2]
2. Chia-Ming Yang, Ai-Yun Wu, Jian-Cyun Yu, Po-Yu Chu, Chia-Hsun Hsieh, **Min-Hsien Wu***. Virtual Filter Membranes in a Microfluidic System for Sorting and Separating size-based Micro Polystyrene Beads by Illumination Intensity Design in Optically induced dielectrophoresis (ODEP). *Chemosensors*. 2022, 10(12), 540; <https://doi.org/10.3390/chemosensors10120540> [IF: 4.229 , R: 16/64 , Q1]
3. Shih-Hong Li, **Min-Hsien Wu**, Hung-Ming Wang, Ping-Chih Hsu, Yueh-Fu Fang, Chih-Liang Wang, Hui-Chun Chu, Hung-Chih Lin, Li-Yu Lee, Ching-Yang Wu, Cheng-Ta Yang, Jen-Shi Chen, Jason Chia-Hsun Hsieh*. Circulating EGFR Mutations in Patients with Lung Adenocarcinoma by Circulating Tumor Cell Isolation Systems: A Concordance and Clinical Significance Study. *Int J Mol Sci*. 2022, 23(18): 10661. doi: 10.3390/ijms231810661 [IF: 6.208, R: 69/297, Q1]
4. Chia-Ming Yang, Jian-Cyun Yu, Po-Yu Chu, Chia-Hsun Hsieh, **Min-Hsien Wu***. The Utilization of Tunable Transducer Elements formed by the Manipulation of Magnetic Beads with Different Sizes via Optically Induced Dielectrophoresis (ODEP) for High Signal-to-noise ratios (SNRs) and Multiplex Fluorescence-based Biosensing Applications. *Biosensors*. 2022, 12(9), 755. <https://doi.org/10.3390/bios12090755> [IF: 5.743, R: 8/64, Q1]

5. Chih-Yu Chen, Hung Wei Yang, Ping-Han Hsieh, Chia-Hsun Hsieh, **Min-Hsien Wu***. Development of a Photothermal bead-based Nucleic Acid Amplification Test (pbbNAAT) Technique for a High-performance Loop-mediated Isothermal Amplification (LAMP)-based Point-of-care Test (POCT). *Biosensors and Bioelectronics*. **2022**, 215, 114574. <https://doi.org/10.1016/j.bios.2022.114574> [IF: 12.545, R: 3/87 , Q1]
6. Chia-Ming Yang, Po-Yu Chu, Ai-Yun Wu, Ping-Han Hsieh, Chia-Hsun Hsieh, **Min-Hsien Wu***. Development of an optically induced dielectrophoresis (ODEP) microfluidic system with a virtual gel permeation chromatography (GPC)-like mechanism for the high-performance sorting and separation of microparticles based on their size differences. *Sensors and actuators B*, under review .[IF: 9.221, R: 2/64 , Q1]
7. Ya-Han Yang, Chia-Fang Chang, Pei-Hung Chang, Po-Wen Lu, Po-Jun Su; Hung-Chih Hsu, Cheng-Ta Yang, Wen-Cheng Chang, Ping-Chih Hsu; Kuo-Chen Wei, Hung-Hsueh Chou, **Tyler Min-Hsien Wu**, Jason Chia-Hsun Hsieh*. Outcomes of Precision Oncology Using Next-generation Sequencing in Multiple Cancer Patients in Taiwan - Timing of NGS and Gene Alteration Categories Correlated to Survival, *iScience*, under review [IF: 6.107, R: 15/74 , Q1]
8. Jia-Ruei Yu, Chun-Hsien Chen, Tsung-Wei Huang, Jang-Jih Lu , Chia-Ru Chung, Ting-Wei Lin , **Min-Hsien Wu**, Yi-Ju Tseng, Hsin-Yao Wang. Energy Efficiency of Inference Algorithms for Clinical Laboratory Data Sets: Green Artificial Intelligence Study. *Journal of Medical Internet Research*. **2022**, 24(1), e28036. doi: 10.2196/28036 [IF: 7.077, R: 10/109, Q1]
9. Huiwen Tan, Minruihong Wang, Yi Zhang, Xukun Huang, Deyong Chen, Yueying Li, **Min-Hsien Wu**, Ke Wang, Junbo Wang, Jian Chen. Inherent bioelectrical parameters of hundreds of thousands of single leukocytes based on impedance flow cytometry. *Cytometry PART A*. **2022**, 101(8), 630-638. <https://doi.org/10.1002/cyto.a.2454> [IF: 4.714 , R: 21/79, Q2]

戴金龍：

1. Hsieh MK, **Tai CL**, Li YD, Lee DM, Lin CY, Tsai TT, Lai PL, Chen WP* “Finite element analysis of optimized novel additively manufactured non-articulating prostheses for cervical total disc replacement” *Front. Bioeng. Biotechnol.* 11:1182265. doi: 10.3389/fbioe.2023.1182265, June, 2023. (SCI, IF: 6.064, R: 16/74, Multidisciplinary Sciences) Q1
2. Li YD, Hsieh MK, Chen WP, Lee DM, Tsai TT, Lai PL*, **Tai CL*** “Biomechanical evaluation of pedicle screw stability after 360-degree turnback from full insertion: effects of screw shape, pilot hole profile and bone density” *Front. Bioeng. Biotechnol.* 11:1151627. doi: 10.3389/fbioe.2023.1151627, May, 2023. **(Corresponding Author)**
(SCI, IF: 6.064, R: 16/74, Multidisciplinary Sciences) Q1

3. Hsieh MK, Lee DM, Li YD, Peng CC, Tsai TT, Lai PL, Chen WP*, **Tai CL*** “Biomechanical evaluation of position and bicortical fixation of anterior lateral vertebral screws in a porcine model” *Sci. Rep.*, 13:454, <https://doi.org/10.1038/s41598-023-27433-6>, Jan, 2023. **(Corresponding Author)** (SCI, **IF: 4.997, R: 19/74**, Multidisciplinary Sciences) **Q2**
4. **Tai CL**, Chen WP, Liu MY, Li YD, Li YC, Tsai TT, Lai PL, Hsieh MK* “Biomechanical Comparison of Pedicle Screw Fixation Strength Among Three Different Screw Trajectories Using Single Vertebrae and One-level Functional Spinal Unit” *Front. Bioeng. Biotechnol.* 10:1054738. doi: 10.3389/fbioe.2022.1054738, Dec, 2022. **(First Author)** (SCI, **IF: 6.064, R: 16/74**, Multidisciplinary Sciences) **Q1**
5. Hsieh MK, Lee MS, Chen WJ, Lin SY, Liu MY, Lee DM*, **Tai CL*** “Biomechanical evaluation of a novel expandable vertebral augmentation system using human cadaveric vertebrae” *Appl. Sci.* 12(19), 10165. <https://doi.org/10.3390/app121910165>, Oct, 2022. **(Corresponding Author)** (SCI, **IF: 2.838, R: 39/92**, Engineering, Multidisciplinary) **Q2**
6. Hsieh MK, Liu PY, Li YD, Wang CY, Hu CC, **Tai CL**, Lai PL “The role of counter-torque holder in the tightening of pedicle screw-rod constructs: a biomechanical study in a porcine model” *The Spine Journal*, Available online 1 Sep 2022, <https://doi.org/10.1016/j.spinee.2022.08.021> (SCI, **IF: 4.297, R: 15/86**, Orthopedics) **Q1**
7. Li YD, Hsieh MK, Lee DM, Lin YJ, Tsai TT, Lai PL*, **Tai CL*** “Biomechanical comparison of salvage pedicle screw augmentations using different biomaterials” *Appl. Sci.* 12(15), 7792. <https://doi.org/10.3390/app12157792>, Aug, 2022. **(Corresponding Author)** (SCI, **IF: 2.838, R: 39/92**, Engineering, Multidisciplinary) **Q2**

李健峰：

1. Yu-Shih Chen, Chun-Hao Huang, Ping-Ching Pai, Jungmok Seo*, Kin Fong Lei*, “A Review on Microfluidics-Based Impedance Biosensors”, *Biosensors*, 13:83, 2023. **[IF: 5.743 , R: 8/64 , Q1]**
2. Munmun Das, Titisha Chakraborty, Chan Yu Lin, Kin Fong Lei, Chyuan Haur Kao*, “Hierarchical Gold-Galinstan Nanodendrites Modified Disposable Immunosensor for the Label-free Detection of KIM-1 by Antibody Immobilization on Staphylococcal Protein A”, *Applied Surface Science*, 607:154930, 2023. **[IF: 7.392, R: 1/20 , Q1]**
3. Chia-Hao Huang, Kin Fong Lei*, “Cell Marathon: Long-distance Cell Migration and Metastasis-associated Gene Analysis using a Folding Paper System”, *Lab on a Chip*, 22:3827-3836, 2022. **(Selected as Back Cover Article) [IF: 7.517 , R: 6/79 , Q1]**
4. Chun-Hao Huang, Kin Fong Lei*, “Quantitative Study of Tumor Angiogenesis in Three-dimensional Matrigel Barrier using Electric Impedance Measurement Technique”, *Sensors and Actuators B: Chemical*, 370:132458, 2022. **[IF: 9.221 , R: 2/64 , Q1]**

陳祥和：

1. Wei-Han Hui, Pei-Hsin Chiu, Ian-Ian Ng, Shu-Wei Chang*, Chia-Ching Chou*, **Hsiang-Ho Chen*** (2023, Feb). Unraveling the molecular mechanism of collagen flexibility during physiological warmup using molecular dynamics simulation and machine learning. *Computational and Structural*

- Biotechnology Journal, 21: 1630-8. (SCI, 70/296, Biochemistry & Molecular Biology). nstc 105-2221-E-038-016. [IF: 6.155, R: 70/297, Q1]
2. Shiuan-Huei Lu, Yi-Chun Kuan, Kuan-Wen Wu, Hsuan-Yu Lu, Yu-Lin Tsai, **Hsiang-Ho Chen***, Tung-Wu Lu* (2022, Dec). Kinematic strategies for obstacle-crossing in older adults with mild cognitive impairment. Frontiers in Aging Neuroscience , 14:950411. (SCI, 67/275, Neurosciences). nstc 108-2314-B-038-057. [IF: 5.702, R: 67/275, Q1]
3. Shih-Hao Chen, Chih-Kun Hsiao, Chih-Wei Wang, **Hsiang-Ho Chen**, Zheng-Cheng Zhong (2022, Jul). Biomechanical Comparison between Isobar and Dynamic Transitional Optima (DTO) Hybrid Lumbar Fixators: A Lumbosacral Finite Element and Intersegmental Motion Analysis. BioMed Research International, Volume 2022, Article ID 8273853. (SCI, 90/158, BIOTECHNOLOGY & APPLIED MICROBIOLOGY). [IF: 3.246, R: 90/159, Q3]

林彥亨：

余仁方：

蔡協孚：

1. **Hsieh-Fu Tsai***, Soumyajit Podder, Pin-Yuan Chen*, Microsystem Advances through Integration with Artificial Intelligence, *Micromachines*, 14, 826 (2023) [IF: 3.523, R: 21/64, Q2]

研究計畫數

老師	補助機構	計畫案號	計畫名稱	開始日~ 結算日	計畫金額
賴瑞陽	國科會	MOST110-2221-E-182-001-MY3	以智慧型多功能生醫高分子開發眼藥傳輸系統	2022/08/01~ 2023/07/31	1,332,000
賴瑞陽	國科會	MOST110-2221-E-182-023-MY3	經聚胺基酸修飾之多功能奈米氧化鈣醫材開發及應用於角膜基質病變治療藥物載體	2022/08/01~ 2023/07/31	1,342,000
賴瑞陽	國科會	MOST110-2314-B-182-008-MY3	功能化修飾海膽狀金粒子及其應用於乾眼症治療之奈米醫藥功效評估	2022/08/01~ 2023/07/31	1,810,000
蔡曉雯	國科會	NERPD2L0592	以近紅外光趨動含奈米金之攜氧高分子微粒作為光動力媒介的應用評估	2022/08/01~ 2023/07/31	1,314,000
蔡曉雯	笙特科技股份有限公司	SCRPD2N0091	生醫材料細胞毒性評估實驗計畫	2023/05/01~ 2023/12/31	100,000
吳旻憲	長庚醫院	CMRPD1M0561	利用循環腫瘤細胞的三維類器官模型預測頭頸癌患者治療結果(1/3)	2022/7/01~ 2023/6/30	1,199,974
吳旻憲	長庚醫院	CMRPD2M0291	以多參數結合基礎循環腫瘤細胞檢測值預測大腸直腸癌及其後續追蹤之預測(1/1)	2022/12/01~ 2023/11/30	1,002,555
吳旻憲	國科會	NERPD2L0022	利用微型化三維細胞培養及光學微流體系統分別進行特殊循環腫瘤細胞的篩選與純化及抗癌藥物藥敏性評估—探討這些癌細胞與癌症轉移的相關性並評估利用這些藥	2022/08/01~ 2023/07/31	1,029,000

			敏性試驗結果來指導癌症化療的可行性(2/3)		
吳旻憲	國科會	NERPD2L0502	開發可應用於即時檢驗之可攜式核酸分子擴增與檢測技術平台-應用具有光熱與磁性的奈米粒子來進行快速及高效能核酸分子擴增與檢測(2/2)	2022/08/01~ 2023/07/31	1,001,000
吳旻憲	長庚大學	QCRPDZ0002	(產創技術加值計畫)快速核酸擴增與檢測原型裝置之開發	2022/05/24~ 2023/11/23	1,500,000
吳旻憲	台達電子工業股份有限公司	SCRPD2N0031	利用特定功能之磁珠來開發一站式樣品前處理/原位核酸擴增及/核酸檢測之技術平台_第一期先導計畫:以功能化磁珠針對檢體進行病原體選擇性富集&功能化磁珠的凍乾與保存測試(台達電子工業股份有限公司)	2023/01/01~ 2023/12/31	1,610,000
戴金龍	國科會	NERPD2K0263	Biomechanical Evaluation of Novel Expansive DHS Screws for Treatment of Osteoporotic Unstable Intertrochanteric Fractures - The Effects of Screw Design and Cement Augmentation	2020/08/01~ 2023/07/31.	1,050,000
戴金龍	長庚醫院	CMRPD2M0141	Biomechanical Study of Pedicle Screw Fixation Strength and Integral Spine Stability in Long-Segment Spinal Fixation- Effects of Rod Reduction and Bone Quality (1/2)	2022/09/01 to 2023/08/31.	1,009,200
李健峰	國科會	MOST111-2221-E-182-006-MY3	利用微流道技術建構多層人工血管並分析在物理及化學刺激下細胞增殖及蛋白表現	2022/08/01~ 2025/07/31	4,206,000
陳祥和	國科會	NERPD2M0271	建立國人電腦斷層脊椎椎體結構強度之預測模型-II	2022/08/01~ 2023/07/31	1,131,000
陳祥和	長庚醫院	CMRPD1M0921	人工智慧嬰幼兒與正常人腸音特徵差異辨識之探討(1/1)	2022/12/01~ 2023/11/30	1,097,968
林彥亨	國科會	111-2221-E-182-010	次世代超快速（小於5分鐘40次熱循環）及時定量聚合.連鎖反應微流體系統應用於新興傳染病之快速檢測	2022/08/01~ 2023/07/31	945,000
蔡協孚	國科會	NERPD2M0311	開發多重力場擬器官微流體晶片用以探索腦癌血管微環境中力學拉伸對神經膠細胞和內皮細胞與神經膠質母細胞瘤細胞互動之影響	2022/10/01~ 2023/09/30	1,014,000

技轉明細

吳旻憲：

1. 快速核酸擴增及檢測技術技術轉移授權 (2022/5/18) 總經額: 2100 萬台幣，長庚大學技術轉移合約書：技轉編號 111005。
2. 篩檢血液中循環腫瘤細胞之方法技術轉移授權 (2022/12/1) 總經額: 525 萬台幣，長庚大學技術轉移合約書：技轉編號 111006。
3. 利用特定功能之磁珠來開發一站式樣品前處理/原位核酸擴增及/核酸檢測之技術平台_第一期先導計畫:以功能化 K165 磁珠針對檢體進行病原體選擇性富集產學合作先期技術移轉授權合約書 (2023/1/1) 先期權利金 422,625 元，長庚大學技術移轉合約書：技轉編號 CGU112002。

專利明細

吳旻憲：

1. 用於純化分離及分析腫瘤表面標記陰性且血球表面標記陰性之有核細胞的方法及腫瘤表面標記陰性且血球表面標記陰性之有核細胞之應用 (2022/11/21 獲證 I784163)。
2. 循環腫瘤細胞資訊評估方法及其分析方法 (2023/01/21 獲證 I790399)
3. Nanoparticle control and detection system and operating method thereof (2023-02-21 獲證 US-11583848-B2)
4. Cancer status prediction method and uses thereof (2022-08-18 申請中 US-20220260576-A1)。

戴金龍：

1. 李昀達、**戴金龍**、賴伯亮、蔡宗廷、謝明凱、劉慕義：「強化固定功能之雙路徑脊椎骨釘」；中華民國發明專利第 I773125 號。(授權公告日：2022/08/01，國科會計劃：MOST 109-2221-E-182 -006 -MY2) 專利期間：202208-204102

陳祥和：

1. 減壓呼吸面罩，中華民國新型專利第 M639229 號，發明人：**陳祥和**、吳杰威、簡鴻宇，自 2023 年 4 月 1 日至 2032 年 10 月 20 日止。

教師參加國內外學術&交流記錄

老師名字	日期	交流項目/名稱	地點
賴瑞陽	2022/12/16	5th Global Conference on Biomedical Engineering (GCBME 2022)/Invited Speaker	Taiwan
賴瑞陽	2023/01/18	46th Annual Meeting of the Polymer Society, Taipei/Invited Speaker	Taiwan
賴瑞陽	2023/06/30	2023 Annual Meeting of Taiwan Society for Chitin and Chitosan/Invited Speaker	Taiwan
賴瑞陽	2023/07/26	Controlled Release Society (CRS) 2023 Annual Meeting and Exposition/Invited Speaker	USA
吳旻憲	2022/09/22	2022 中華民國生醫材料及藥物釋放學會年會暨國科會生科處工程醫學學門成果發表會/ Precision medicine 講座	清華大學
吳旻憲	2022/12/02	航太及熱流學門(熱流領域)成果發表會	聯合大學
戴金龍	July 10-14, 2022	Li YD, Hsu YJ, Lai PL, Tai CL* “Biomechanical evaluation of pedicle screw stability after 360-degree turnback from full insertion: Effects of bone density, screw shape, and pilot hole shape” The 9th World	Taipei International Convention Center, Taiwan

		Congress of Biomechanics 2022 (WCB 2022)	
戴金龍	July 10-14, 2022	Hsieh MK, Lin JK, Lai PL, <u>Tai CL</u> * “Salvage pedicle screw implantation in pedicle wall violation: an in vitro biomechanical study” The 9th World Congress of Biomechanics 2022 (WCB 2022)	Taipei International Convention Center, Taiwan
戴金龍	Oct. 28, 2022	<u>Tai CL</u> *, Hsu CL, Liu MY, Kao HK “Biomechanical Evaluation of Novel Expansive DHS Screws for Treatment of Osteoporotic Unstable Intertrochanteric Fractures - The Effects of Screw Design and Cement Augmentation” <i>2022 Annual Conf. of Taiwanese Society of Biomechanics</i> , - Annual Report of Ministry of Science and Technology	I-Sho Univ., Taiwan
戴金龍	Oct. 28, 2022	<u>Tai CL</u> *, Hsu CL, Liu MY, Kao HK Lin YC, Syu YJ, Lee DM, Hsieh MK, <u>Tai CL</u> * “Biomechanical Study on Effects of Geometric Shape and Thread Profile of Pedicle Screw on Screw Fixation Strength” <i>2022 Annual Conf. of Taiwanese Society of Biomechanics</i> <i>2022 Annual Conf. of Taiwanese Society of Biomechanics</i> , - Annual Report of Ministry of Science and Technology	I-Sho Univ., Taiwan
陳祥和	2023/07/30~08/03	世界生物力學學會研討會 ISB2023 論文發表： Influence of Bone Inhomogeneity on Strain Calculation of CT-Based Vertebral Finite Element Models	日本福岡
陳祥和	2022/12/15~17	第五屆全球生物醫學工程會議 5th GCBME2022 論文發表：Predicting Vertebral Bone Strength by Using CT-Based Finite Element Model	台北
陳祥和	2022/10/28	台灣生物力學學會 2022 研討會 TSB2022 論文發表:建立國人電腦斷層脊椎椎體結構強度之預測模型	高雄
林彥亨	2023/06/19	ICSS 2023 國際研討會	台南
蔡協孚	2022/12/02	教學交流 /台灣醫療科技展	南港展覽館
蔡協孚	2023/05/13	評審 /2023 中原大學醫工日創新醫材競賽	中原大學

教師得獎記錄

老師名字	日期	比賽名稱	得獎項目
賴瑞陽	2022/12/15	國科會工程處 111 年度產學合作計畫成果發表	海報組優良獎

		暨績效考評會	
吳旻憲	2022/10/15	台灣創新技術博覽會 發明競賽-金牌獎 (2022)	發明競賽-金牌獎
吳旻憲	2022	長庚大學 111 學年度優良教師-研究獎	優良教師-研究獎
陳祥和	2023/05/10	中原大學 100K 創新創業競賽	季軍
陳祥和	2023/04/22	2023 長庚大學【青年老闆築夢計畫】校際盃創新創業競賽-精準大健康組	第一名
陳祥和	2023/06/09	第七屆全國大專校院 Healthy x Happy 創新創業競賽	第二名
林彥亨	2022/10/20	第六屆全國醫學工程創意競賽	大專組 佳作
林彥亨	2022/11/15	20X23 天使選秀會 Demo pitch	矚目新秀獎 第一名