



壹、林口長庚醫院2025年一月份SCI頂尖論文榜

1、論文出版期間：2025/1/1~2025/1/31期間SCIE 資料庫所收錄的文獻(文章形式以「article」及「review」為主)。

※資料庫論文發表後，約需1個半至2個月的時間才會被SCI資料庫收錄。若論文已出版，但尚未被資料庫收錄之頂尖論文將公告於下期榜單中。

2、SCI 頂尖論文選錄標準：發表論文之投稿期刊為Journal Citation Reports (JCR)該學科主題依影響係數(Impact Factor)排名前**5%**，共**18**篇。

3、Journal Citation Report 之Impact Factor(簡稱IF)為**2023**年版。

4、本院以第一作者或指導作者發表之論文，皆以綠色底色標示，共**12**篇。

5、文章編號依刊名字母排列。

公告日期：2025年2月10日

項目	出處	期刊 IF值	百分比 排名	主題	篇名	作者及發表論文單位
1	ALZHEIMERS & DEMENTIA Early Access JAN 2025 DOI10.1002/alz.14297	13.1	2.36%	Clinical Neurology	The Taiwan-ADNI workflow toward integrating plasma p-tau217 into prediction models for the risk of Alzheimer's disease and tau burden	[黃國倫 ¹ ; Huang, Chin-Chang] Dept Neurol [Hsiao, Ing-Tsung; Lin, Kun-Ju] Dept Nucl Med [Huang, Chung-Guei] Dept Med Lab, Dept Med Biotechnol & Lab Sci

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2	BIOMATERIALS Volume 314 Article Number 122848 Published MAR 2025	12.8	4.08%	Engineering, Biomedica; Materials Science, Biomaterials	Immunomodulatory hydrogel orchestrates pro-regenerative response of macrophages and angiogenesis for chronic wound healing	[Tsai, Chia-Hsuan] Div Plast Surg
3	BIOMATERIALS Volume 316 Article Number 123019 Published MAY 2025	12.8	4.08%	Engineering, Biomedical; Materials Science, Biomaterials	Macrophage-hitchhiked, effervescence-induced nanoemulsions for enhanced oral chemotherapy and immunotherapy: Impact on absorption route	[Lin, Kun-Ju] Dept Nucl Med, Ctr Adv Mol Imaging & Translat
4	BIOSENSORS & BIOELECTRONICS Volume 267 Article Number 116849 Published JAN 1 2025	10.7	3.49%	Biophysics; Biotechnology & Applied; Microbiology; Chemistry, Analytical; Electrochemistry; Nanoscience & Nanotechnology	One-step copper deposition- induced signal amplification for multiplex bacterial infection diagnosis on a lateral flow immunoassay device	[Tsai, Tsung-Ting] Dept Orthopaed Surg

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5	BIOSENSORS & BIOELECTRONICS Volume 268 Article Number 116894 Published JAN 15 2025	10.7	3.49%	Biophysics; Biotechnology & Applied Microbiology; Chemistry, Analytical; Electrochemistry; Nanoscience & Nanotechnology	Fast and label-free detection of procalcitonin in human serum for sepsis using a WTex-based extended-gate field-effect transistor biosensor	[潘同明 ¹ ✉] Div Urol
6	CARBOHYDRATE POLYMERS Volume 352 Article Number 123164 Published MAR 15 2025	10.7	1.92%	Chemistry, Applied; Chemistry, Organic; Polymer Science	Alginate-functionalized nanoceria as ion-responsive eye drop formulation to treat corneal abrasion	[葛宗昀 ¹] Dept Dermatol [賴瑞陽✉] Dept Ophthalmol
7	CHEMICAL ENGINEERING JOURNAL Volume 505 Article Number 159103 Published FEB 1 2025	13.4	4.29%	Engineering, Environmental; Engineering, Chemical	Highly active Cu-embedded in magnetic carbon nanofibers for the reduction of 4-nitrophenol	[陳敬勳 ¹ ✉]; Chen, Tse-Ching] Dept Pathol

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8	CLINICAL NUCLEAR MEDICINE Volume 50 Issue 1 Page 11-18 Published JAN 2025	10	2.96%	Radiology, Nuclear Medicine & Medical Imaging	Prognostic Value and Clinical Implication of Lymph Node-to- Primary Tumor SUV Ratio in Node- Positive Hypopharyngeal Squamous Cell Carcinoma Treated With Radiotherapy With or Without Chemotherapy	[葉永堅 ¹ ✉; Lin, Chia-Hsin] Coll Med, Dept Radiat Oncol [Hsu, Ken-Hao; Chang, Kai-Ping; Kang, Chung-Jan; Hu, Yu-Feng; 蔡宗佑✉] Dept Otolaryngol Head & Neck Surg, Coll Med [Lin, Shin-Nan] Coll Med, Dept Med Imaging & Intervent [Lin, Huan-Chun] Coll Med, Dept Nucl Med
9	CLINICAL NUCLEAR MEDICINE Volume 50 Issue 2 Page 68-e79 Published FEB 2025	10	2.96%	Radiology, Nuclear Medicine & Medical Imaging	Postradiotherapy Response Assessment Using 18 F-FDG PET/CT in Salivary Gland Carcinoma-A Multicenter Study	[陳柏元 ¹ ; Lin, Chien-Yu; Chen, Miao-Fen] Radiat Oncol [Cheng, Nai-Ming] Nucl Med & Mol Imaging Ctr [Chang, Kai-Ping] Otorhinolaryngol Head & Neck Surg [Lu, Yi-An; Tsai, Tsung-You] Otorhinolaryngol [Hsu, Cheng-Lung] Med Oncol [謝承恩✉]Radiat Oncol, Med Imaging & Radiol Sci, Canc Genome Res Ctr

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10	FOOD CHEMISTRY Volume 469 Article Number 142502 Published MAR 30 2025	8.5	4.55%	Chemistry, Applied; Food Science & Technology; Nutrition & Dietetics	Fabrication of hybrid nanocomposites for electrochemical evaluation of food-based preservative and bioactive targets of hydrogen peroxide and rutin in real fruit and drug samples	[Huang, Chi-Hsien] Div Rheumatol Allergy & Immunol
11	FOOD HYDROCOLLOIDS Volume 158 Article Number 110548 Published JAN 2025	11	2.84%	Chemistry, Applied; Food Science & Technology	Rheology, stability, and physicochemical properties of NaOH-tannic acid solvent for β - chitin dissolution	[Shen, Chia-Rui] Dept Neonatol
12	INTERNATIONAL FORUM OF ALLERGY & RHINOLOGY Early Access JAN 2025 DOI10.1002/alr.23523	7.2	2.33%	Otorhinolaryngology	Postoperative Adjuvant Dupilumab Improved Immediate Recovery in Patients With Advanced Type 2 Chronic Rhinosinusitis: An Exploratory Pilot Study	[何雁婷 ¹ ; Lee, Ta-Jen; Chang, Po-Hung; Wu, Chia-Chen; 傅嘉祥  Dept Otolaryngol Head & Neck Surg [Wang, Hsiang-Sheng] Dept Pathol

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13	NPJ DIGITAL MEDICINE Volume 8 Issue 1 Article Number 1 Published JAN 2 2025	12.4	1.87%	Health Care Sciences & Services; Medical Informatics	A multitask deep learning model utilizing electrocardiograms for major cardiovascular adverse events prediction	[林敬恆 ¹ ; Liu, Zhi-Yong; Chen, Jung-Sheng; Kuo, Chang-Fu] Ctr Artificial Intelligence Med [Chu, Pao-Hsien; Wen, Ming-Shien] Dept Cardiol [Wu, Hsin-Hsu] Kidney Res Ctr, Dept Nephrol [張庭瑜  6

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16	TRANSPORTATION RESEARCH PART E- LOGISTICS AND TRANSPORTATION REVIEW Volume 193 Article Number 103824 Published JAN 2025	8.3	2.16%	Economics; Engineering, Civil; Operations Research & Management Science; Transportation; Transportation Science & Technology	Design and selection of recycling strategy considering consumer preference	[張錦特  7