

# Chin Lin

## List of Publications by Year in descending order

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87  
papers

1,786  
citations

361045

20  
h-index

329751

37  
g-index

93  
all docs

93  
docs citations

93  
times ranked

2243  
citing authors

#	ARTICLE	IF	CITATIONS
1	Federated learning for predicting clinical outcomes in patients with COVID-19. <i>Nature Medicine</i> , 2021, 27, 1735-1743.	15.2	300
2	Propofol-based Total Intravenous Anesthesia Is Associated with Better Survival Than Desflurane Anesthesia in Colon Cancer Surgery. <i>Anesthesiology</i> , 2018, 129, 932-941.	1.3	147
3	Correlation between magnetic resonance imaging grading and pathological grading in meningioma. <i>Journal of Neurosurgery</i> , 2014, 121, 1201-1208.	0.9	102
4	Propofol-based total intravenous anaesthesia is associated with better survival than desflurane anaesthesia in hepatectomy for hepatocellular carcinoma: a retrospective cohort study. <i>British Journal of Anaesthesia</i> , 2019, 123, 151-160.	1.5	69
5	Vitrectomy with or without internal limiting membrane peeling for idiopathic epiretinal membrane: A meta-analysis. <i>PLoS ONE</i> , 2017, 12, e0179105.	1.1	61
6	A Deep-Learning Algorithm (ECG12Net) for Detecting Hypokalemia and Hyperkalemia by Electrocardiography: Algorithm Development. <i>JMIR Medical Informatics</i> , 2020, 8, e15931.	1.3	54
7	Machine Learning Based Suicide Ideation Prediction for Military Personnel. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 1907-1916.	3.9	38
8	A Hematologist-Level Deep Learning Algorithm (BMSNet) for Assessing the Morphologies of Single Nuclear Balls in Bone Marrow Smears: Algorithm Development. <i>JMIR Medical Informatics</i> , 2020, 8, e15963.	1.3	38
9	Artificial Intelligence Learning Semantics via External Resources for Classifying Diagnosis Codes in Discharge Notes. <i>Journal of Medical Internet Research</i> , 2017, 19, e380.	2.1	36
10	An Analysis of Anesthesia-Controlled Operating Room Time After Propofol-Based Total Intravenous Anesthesia Compared with Desflurane Anesthesia in Ophthalmic Surgery. <i>Anesthesia and Analgesia</i> , 2014, 119, 1393-1406.	1.1	35
11	Methylation at cg05575921 of a smoking-related gene (AHRR) in non-smoking Taiwanese adults residing in areas with different PM2.5 concentrations. <i>Clinical Epigenetics</i> , 2019, 11, 69.	1.8	34
12	Angiotensin-Converting Enzyme Insertion/Deletion Polymorphism Contributes High Risk for Chronic Kidney Disease in Asian Male with Hypertension—A Meta-Regression Analysis of 98 Observational Studies. <i>PLoS ONE</i> , 2014, 9, e87604.	1.1	33
13	DDX3X Biomarker Correlates with Poor Survival in Human Gliomas. <i>International Journal of Molecular Sciences</i> , 2015, 16, 15578-15591.	1.8	32
14	A deep learning algorithm for detecting acute myocardial infarction. <i>EuroIntervention</i> , 2021, 17, 765-773.	1.4	31
15	Risk factors and their interaction on chronic kidney disease: A multi-centre case control study in Taiwan. <i>BMC Nephrology</i> , 2015, 16, 83.	0.8	28
16	Electrocardiogram-Based Heart Age Estimation by a Deep Learning Model Provides More Information on the Incidence of Cardiovascular Disorders. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 754909.	1.1	28
17	Impact of global spine balance and cervical regional alignment on determination of postoperative cervical alignment after laminoplasty. <i>Medicine (United States)</i> , 2018, 97, e13111.	0.4	24
18	Point-of-care artificial intelligence-enabled ECG for dyskalemia: a retrospective cohort analysis for accuracy and outcome prediction. <i>Npj Digital Medicine</i> , 2022, 5, 8.	5.7	24

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19	The increase in total knee replacement surgery in Taiwan. <i>Medicine (United States)</i> , 2018, 97, e11749.	0.4	23
20	Detecting Digoxin Toxicity by Artificial Intelligence-Assisted Electrocardiography. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3839.	1.2	23
21	Gender differences between WOMAC index scores, health-related quality of life and physical performance in an elderly Taiwanese population with knee osteoarthritis. <i>BMJ Open</i> , 2015, 5, e008542.	0.8	22
22	A Deep-Learning Algorithm-Enhanced System Integrating Electrocardiograms and Chest X-rays for Diagnosing Aortic Dissection. <i>Canadian Journal of Cardiology</i> , 2022, 38, 160-168.	0.8	21
23	Impacts of Penicillin Binding Protein 2 Inactivation on $\hat{I}^2$ -Lactamase Expression and Muropeptide Profile in <i>Stenotrophomonas maltophilia</i> . <i>MSystems</i> , 2017, 2, .	1.7	20
24	Gene-gene interactions between TGF- $\hat{A}$ /Smad3 signalling pathway polymorphisms affect susceptibility to knee osteoarthritis. <i>BMJ Open</i> , 2015, 5, e007931-e007931.	0.8	19
25	Comparison of Anesthesia-Controlled Operating Room Time between Propofol-Based Total Intravenous Anesthesia and Desflurane Anesthesia in Open Colorectal Surgery: A Retrospective Study. <i>PLoS ONE</i> , 2016, 11, e0165407.	1.1	19
26	Faster extubation time with more stable hemodynamics during extubation and shorter total surgical suite time after propofol-based total intravenous anesthesia compared with desflurane anesthesia in lengthy lumbar spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 268-274.	0.9	19
27	Efficacy and safety of micafungin versus extensive azoles in the prevention and treatment of invasive fungal infections for neutropenia patients with hematological malignancies: A meta-analysis of randomized controlled trials. <i>PLoS ONE</i> , 2017, 12, e0180050.	1.1	19
28	Artificial Intelligence-Assisted Electrocardiography for Early Diagnosis of Thyrotoxic Periodic Paralysis. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab120.	0.1	18
29	Deep Learning Algorithm for Management of Diabetes Mellitus via Electrocardiogram-Based Glycated Hemoglobin (ECG-HbA1c): A Retrospective Cohort Study. <i>Journal of Personalized Medicine</i> , 2021, 11, 725.	1.1	18
30	Effect of RAGE polymorphisms on susceptibility to and severity of osteoarthritis in a Han Chinese population: a case-control study. <i>Genetics and Molecular Research</i> , 2015, 14, 11362-11370.	0.3	17
31	No difference in the functional improvements between unilateral and bilateral total knee replacements. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 87.	0.8	17
32	Primary Fungal Prophylaxis in Hematological Malignancy: a Network Meta-Analysis of Randomized Controlled Trials. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	17
33	The Severity of Diabetic Retinopathy Is an Independent Factor for the Progression of Diabetic Nephropathy. <i>Journal of Clinical Medicine</i> , 2021, 10, 3.	1.0	17
34	Gene-Gene and Gene-Environment Interactions in Meta-Analysis of Genetic Association Studies. <i>PLoS ONE</i> , 2015, 10, e0124967.	1.1	16
35	Gene-Gene Interactions in Renin-Angiotensin-Aldosterone System Contributes to End-Stage Renal Disease Susceptibility in a Han Chinese Population. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	0.8	13
36	Epithelial cell transformation sequence 2 is a potential biomarker of unfavorable survival in human gliomas. <i>Neurology India</i> , 2014, 62, 406.	0.2	13

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37	Effects of Pitavastatin, Atorvastatin, and Rosuvastatin on the Risk of New-Onset Diabetes Mellitus: A Single-Center Cohort Study. <i>Biomedicines</i> , 2020, 8, 499.	1.4	13
38	High-flow nasal cannula therapy as apneic oxygenation during endotracheal intubation in critically ill patients in the intensive care unit: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2020, 10, 3541.	1.6	13
39	Preoperative grading of intracranial meningioma by magnetic resonance spectroscopy (1H-MRS). <i>PLoS ONE</i> , 2018, 13, e0207612.	1.1	12
40	Low-Dose Aspirin for the Primary Prevention of Cardiovascular Disease in Diabetic Individuals: A Meta-Analysis of Randomized Control Trials and Trial Sequential Analysis. <i>Journal of Clinical Medicine</i> , 2019, 8, 609.	1.0	12
41	Artificial Intelligence-Enabled Electrocardiogram Estimates Left Atrium Enlargement as a Predictor of Future Cardiovascular Disease. <i>Journal of Personalized Medicine</i> , 2022, 12, 315.	1.1	12
42	A deep learning-based system capable of detecting pneumothorax via electrocardiogram. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 3317-3326.	0.8	12
43	Artificial Intelligence-Enabled Electrocardiography Predicts Left Ventricular Dysfunction and Future Cardiovascular Outcomes: A Retrospective Analysis. <i>Journal of Personalized Medicine</i> , 2022, 12, 455.	1.1	12
44	Midkine expression in high grade gliomas: Correlation of this novel marker with proliferation and survival in human gliomas. , 2014, 5, 78.		11
45	Alternative-Dose versus Standard-Dose Trivalent Influenza Vaccines for Immunocompromised Patients: A Meta-Analysis of Randomised Control Trials. <i>Journal of Clinical Medicine</i> , 2019, 8, 590.	1.0	11
46	SOX2 promoter hypermethylation in non-smoking Taiwanese adults residing in air pollution areas. <i>Clinical Epigenetics</i> , 2019, 11, 46.	1.8	11
47	Impact of Comorbidity and Age on Determinants Therapeutic Strategies in Advanced Pancreatic Head Cancer Patients With Obstructive Jaundices. <i>Medicine (United States)</i> , 2015, 94, e1298.	0.4	10
48	Premorbid BMI as a prognostic factor in small-cell lung cancer—a single institute experience. <i>Oncotarget</i> , 2018, 9, 24642-24652.	0.8	10
49	Projection Word Embedding Model With Hybrid Sampling Training for Classifying ICD-10-CM Codes: Longitudinal Observational Study. <i>JMIR Medical Informatics</i> , 2019, 7, e14499.	1.3	10
50	Quantitative analysis of anatomical relationship between cavernous segment internal carotid artery and pituitary macroadenoma. <i>Medicine (United States)</i> , 2016, 95, e5027.	0.4	8
51	Analysis of volumetric response of pituitary adenomas receiving adjuvant CyberKnife stereotactic radiosurgery with the application of an exponential fitting model. <i>Medicine (United States)</i> , 2017, 96, e4662.	0.4	8
52	Effectiveness of palliative care consultation service on caregiver burden over time between terminally ill cancer and non-cancer family caregivers. <i>Supportive Care in Cancer</i> , 2020, 28, 6045-6055.	1.0	8
53	Methods of Weaning From Mechanical Ventilation in Adult: A Network Meta-Analysis. <i>Frontiers in Medicine</i> , 2021, 8, 752984.	1.2	8
54	An Artificial Intelligence-Based Alarm Strategy Facilitates Management of Acute Myocardial Infarction. <i>Journal of Personalized Medicine</i> , 2021, 11, 1149.	1.1	8

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55	Efficacy and Safety of Bevacizumab Combined with Mitomycin C or 5-Fluorouracil in Primary Trabeculectomy: A Meta-Analysis of Randomized Clinical Trials. <i>Ophthalmic Research</i> , 2018, 59, 155-163.	1.0	7
56	A non-invasive modifiable Healthy Ageing Nutrition Index (HANI) predicts longevity in free-living older Taiwanese. <i>Scientific Reports</i> , 2018, 8, 7113.	1.6	7
57	Treatment Outcomes of Novel Targeted Agents in Relapse/Refractory Chronic Lymphocytic Leukemia: A Systematic Review and Network Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2019, 8, 737.	1.0	7
58	Predictors of professional quality of life among nursing staff following the Taiwan Formosa Fun Coast explosion. <i>Burns</i> , 2020, 46, 423-429.	1.1	7
59	Effects of Individualized Dietary Phosphate Control Program With a Smartphone Application in Hemodialysis Patients in Taiwan. <i>Biological Research for Nursing</i> , 2021, 23, 375-381.	1.0	7
60	A Deep Learning Algorithm for Detecting Acute Pericarditis by Electrocardiogram. <i>Journal of Personalized Medicine</i> , 2022, 12, 1150.	1.1	7
61	Prognostic Significance of Initial Serum Albumin and 24 Hour Daily Protein Excretion before Treatment in Multiple Myeloma. <i>PLoS ONE</i> , 2015, 10, e0128905.	1.1	6
62	Needs-based food and nutrient security indices to monitor and modify the food supply and intakes: Taiwan, 1991â€“2010. <i>Food Policy</i> , 2015, 57, 142-152.	2.8	6
63	Epistasis Test in Meta-Analysis: A Multi-Parameter Markov Chain Monte Carlo Model for Consistency of Evidence. <i>PLoS ONE</i> , 2016, 11, e0152891.	1.1	6
64	Angiotensin-Converting Enzyme Insertion/Deletion Polymorphism and Susceptibility to Osteoarthritis of the Knee: A Case-Control Study and Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0161754.	1.1	6
65	Detection of Left Ventricular Systolic Dysfunction Using an Artificial Intelligenceâ€“Enabled Chest X-Ray. <i>Canadian Journal of Cardiology</i> , 2022, 38, 763-773.	0.8	6
66	Overexpression of TLO2 decreases survival in human high-grade gliomas. <i>Oncotarget</i> , 2016, 7, 46056-46066.	0.8	5
67	Glycemic Gap as a Useful Surrogate Marker for Glucose Variability and Progression of Diabetic Retinopathy. <i>Journal of Personalized Medicine</i> , 2021, 11, 799.	1.1	5
68	Association between angiotensin II receptor type 1 A1166C polymorphism and chronic kidney disease. <i>Oncotarget</i> , 2018, 9, 14444-14455.	0.8	5
69	A Functional Polymorphism in the Promoter Region of TLR3 Is Associated with Susceptibility to End-Stage Renal Disease. <i>American Journal of Nephrology</i> , 2014, 40, 131-139.	1.4	4
70	A Correlational Study of Acute Stress and Resilience Among Hospitalized Burn Victims Following the Taiwan Formosa Fun Coast Explosion. <i>Clinical Nursing Research</i> , 2020, 29, 523-529.	0.7	4
71	A network meta-analysis of maintenance therapy in chronic lymphocytic leukemia. <i>PLoS ONE</i> , 2020, 15, e0226879.	1.1	4
72	The Importance of Close Follow-Up in Patients with Early-Grade Diabetic Retinopathy: A Taiwan Population-Based Study Grading via Deep Learning Model. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9768.	1.2	4

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73	Effects of Dispositional Resilience and Self-Efficacy on Practice in Advanced Care Planning of Terminally Ill Patients among Taiwanese Nurses: A Study Using Path Modeling. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1236.	1.2	4
74	Association of Serum Phosphate with Low Handgrip Strength in Patients with Advanced Chronic Kidney Disease. <i>Nutrients</i> , 2021, 13, 3605.	1.7	4
75	Artificial Intelligence-Enabled Electrocardiography Detects Hypoalbuminemia and Identifies the Mechanism of Hepatorenal and Cardiovascular Events. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	4
76	Image analysis of open-door laminoplasty for cervical spondylotic myelopathy: Comparing the influence of cord morphology and spine alignment. <i>Clinical Neurology and Neurosurgery</i> , 2015, 137, 72-78.	0.6	3
77	The Effect of Practice toward Do-Not-Resuscitate among Taiwanese Nursing Staff Using Path Modeling. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6350.	1.2	3
78	Proteinuria: Associated with poor outcome in patients with small cell lung cancer. <i>Journal of Cancer Research and Therapeutics</i> , 2018, 14, 688.	0.3	3
79	Artificial Intelligence-Enabled Electrocardiogram Predicted Left Ventricle Diameter as an Independent Risk Factor of Long-Term Cardiovascular Outcome in Patients With Normal Ejection Fraction. <i>Frontiers in Medicine</i> , 2022, 9, 870523.	1.2	3
80	Endocrine therapies in postmenopausal women with hormone receptor-positive, human epidermal growth factor receptor 2-negative, pretreated, advanced breast cancer. <i>Medicine (United States)</i> , 2020, 99, e19618.	0.4	2
81	Factors associated with length of hospital stay among dialysis patients with nontraumatic acute abdomen: a retrospective observational study. <i>Singapore Medical Journal</i> , 2020, 61, 605-612.	0.3	2
82	PPARG Pro12Ala Polymorphism with CKD in Asians: A Meta-Analysis Combined with a Case-Control Studyâ€”A Key for Reaching Null Association. <i>Genes</i> , 2020, 11, 705.	1.0	1
83	The Application of Projection Word Embeddings on Medical Records Scoring System. <i>Healthcare (Switzerland)</i> , 2021, 9, 1298.	1.0	1
84	Maintenance therapy for chronic lymphocytic leukaemia. <i>The Cochrane Library</i> , 0, , .	1.5	1
85	Is it an impact factor for standardized patients with actor background to perform in the taiwan high-stake objective structured clinical examination?. <i>Journal of Medical Sciences (Taiwan)</i> , 2020, 40, 167.	0.1	1
86	Angiotensin II receptor type 1 A1166C modifies the association between angiotensinogen M235T and chronic kidney disease. <i>Oncotarget</i> , 2017, 8, 107833-107843.	0.8	0
87	A superior odds ratio compared to the risk ratio when estimating moderator effects in meta-regression analyses of randomized controlled trials. <i>Journal of Medical Sciences (Taiwan)</i> , 2020, 40, 119.	0.1	0