

# Chien-Hsing Lu

## List of Publications by Year in descending order

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76  
papers

1,582  
citations

304743

22  
h-index

330143

37  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2228  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-dimensional diffraction sensors with high sensitivity for on-site rapid label-free plague diagnosis with a reflective laser detection system. <i>Sensors and Actuators B: Chemical</i> , 2022, 353, 131080.	7.8	2
2	Isolation and label-free detection of circulating tumour cells by fluidic diffraction chips with a reflective laser beam system. <i>Chemical Engineering Journal</i> , 2022, 436, 135206.	12.7	6
3	Detection of heavy metal ion using photonic crystals of polymer brushes with reflective laser beam system. <i>Applied Surface Science</i> , 2022, 585, 152718.	6.1	6
4	Rapid label-free detection of <i>Pseudomonas aeruginosa</i> using a fluidic grating chip with a reflective laser system. <i>Biosensors and Bioelectronics: X</i> , 2022, 10, 100138.	1.7	0
5	Quality of life and its predictors among women with gynaecological cancers. <i>Collegian</i> , 2021, 28, 81-88.	1.3	2
6	Poly(N-isopropylacrylamide)-gelatin hydrogel membranes with thermo-tunable pores for water flux gating and protein separation. <i>Journal of Membrane Science</i> , 2021, 618, 118732.	8.2	18
7	Controlled antibody orientation on Fe <sub>3</sub> O <sub>4</sub> nanoparticles and CdTe quantum dots enhanced sensitivity of a sandwich-structured electrogenerated chemiluminescence immunosensor for the determination of human serum albumin. <i>Sensors and Actuators B: Chemical</i> , 2021, 336, 129710.	7.8	31
8	Performance enhancement by particle gradient assembly patterning of electrochemiluminescence immunosensor formed using magnetolithography in determination of human serum albumin. <i>Biosensors and Bioelectronics</i> , 2021, 183, 113240.	10.1	9
9	Associations between perceived stress and quality of life in gynaecologic cancer patient-family caregiver dyads. <i>European Journal of Oncology Nursing</i> , 2021, 55, 102060.	2.1	5
10	Facile Molecular Weight Determination of Polymer Brushes Grafted from One-Dimensional Diffraction Grating by SI-ATRP Using Reflective Laser System. <i>Polymers</i> , 2021, 13, 4270.	4.5	1
11	Highly efficient self-cleaning of heavy polyelectrolyte coated electrospun polyacrylonitrile nanofibrous membrane for separation of oil/water emulsions with intermittent pressure. <i>Separation and Purification Technology</i> , 2020, 234, 116106.	7.9	32
12	Sandwich-structured displays encapsulating polystyrene microspheres coated with Fe <sub>3</sub> O <sub>4</sub> nanoparticles for label-free biosensing for electrorheological operation. <i>Sensors and Actuators B: Chemical</i> , 2020, 302, 127185.	7.8	17
13	Reversibly photoswitchable gratings prepared from azobenzene-modified tethered poly(methacrylic) Tj ETQq1 1 0.784314 rgBT /Over	7.8	17
14	Electrorheological Sensor Encapsulating Microsphere Media for Plague Diagnosis with Rapid Visualization. <i>ACS Sensors</i> , 2020, 5, 665-673.	7.8	26
15	Thermo-Tunable Pores and Antibiotic Gating Properties of Bovine Skin Gelatin Gels Prepared with Poly(n-isopropylacrylamide) Network. <i>Polymers</i> , 2020, 12, 2156.	4.5	4
16	Electrorheological display loading medium of core/shell polystyrene/polyvinyltetrazole microspheres for on-site visualization of lead(II). <i>Polymer</i> , 2020, 203, 122805.	3.8	5
17	Cr(VI) visualization via transmittance of electrorheological display medium with core/shell polystyrene/polyvinyltetrazole microspheres. <i>Science of the Total Environment</i> , 2020, 743, 140676.	8.0	7
18	Preparation of biofiltration membranes by coating electrospun polyacrylonitrile fiber membranes with layer-by-layer supermolecular polyelectrolyte films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 190, 110953.	5.0	8

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19	Optical assay of trypsin using a one-dimensional plasmonic grating of gelatin-modified poly(methacrylic acid). <i>Mikrochimica Acta</i> , 2020, 187, 280.	5.0	14
20	An effective electrochemical detection of chlorogenic acid in real samples: Flower-like ZnO surface covered on PEDOT:PSS composites modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2019, 301, 127002.	7.8	27
21	Aniline trimer based chemical sensor for dual responsive detection of hazardous CN <sup>-</sup> ions and pH changes. <i>Dyes and Pigments</i> , 2019, 164, 327-334.	3.7	21
22	Coordination between Surface Lattice Resonances of Poly(glycidyl Methacrylate) Line Array and Surface Plasmon Resonances of CdS Quantum on Silicon Surface. <i>Polymers</i> , 2019, 11, 558.	4.5	1
23	Definite chemoradiotherapy is a competent treatment option in FIGO stage IB2 cervical cancer compared with radical surgery +/â <sup>^</sup> neoadjuvant chemotherapy. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 99-108.	1.7	14
24	Protein valves prepared by click reaction grafting of poly(N-isopropylacrylamide) to electrospun poly(vinyl chloride) fibrous membranes. <i>Applied Surface Science</i> , 2018, 439, 313-322.	6.1	17
25	Role of adjuvant radiotherapy in FIGO stage IIIC endometrial carcinoma: Treatment outcomes and prognostic factors in 52 irradiated patients. <i>Journal of the Formosan Medical Association</i> , 2018, 117, 613-620.	1.7	7
26	Antigen detection with thermosensitive hydrophilicity of poly(N-isopropylacrylamide)-grafted poly(vinyl chloride) fibrous mats. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3486-3496.	5.8	9
27	Treatment outcomes of locally advanced cervical cancer by histopathological types in a single institution: A propensity score matching study. <i>Journal of the Formosan Medical Association</i> , 2018, 117, 922-931.	1.7	10
28	Clitoral Metastasis From Advanced Cervical Carcinoma on 18F-FDG-PET/CT. <i>Clinical Nuclear Medicine</i> , 2017, 42, 54-55.	1.3	3
29	Malignant transformation of ovarian mature cystic teratoma into squamous cell carcinoma: a Taiwanese Gynecologic Oncology Group (TGOG) study. <i>Journal of Gynecologic Oncology</i> , 2017, 28, e69.	2.2	40
30	Clinical parameters associated with absence of endocervical/transformation zone component in conventional cervical Papanicolaou smears. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2016, 55, 81-84.	1.3	2
31	Uterine sarcoma Part Iâ€”Uterine leiomyosarcoma: The Topic Advisory Group systematic review. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2016, 55, 463-471.	1.3	32
32	Uterine sarcoma Part IIâ€”Uterine endometrial stromal sarcoma: The TAG systematic review. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2016, 55, 472-479.	1.3	40
33	Women with endometriosis have higher comorbidities: Analysis of domestic data in Taiwan. <i>Journal of the Chinese Medical Association</i> , 2016, 79, 577-582.	1.4	50
34	Primary serous tubal intraepithelial carcinoma with multiple lymph node metastases. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2016, 55, 609-612.	1.3	1
35	Uterine sarcoma part IIIâ€”Targeted therapy: The Taiwan Association of Gynecology (TAG) systematic review. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2016, 55, 625-634.	1.3	16
36	Second-Line Intraperitoneal Chemotherapy for Recurrent Epithelial Ovarian, Tubal and Peritoneal Cancer: A Propensity Score-Matching Study. <i>Chemotherapy</i> , 2016, 61, 240-248.	1.6	3

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37	Does adding intraperitoneal paclitaxel to standard intraperitoneal regimen yield incremental survival? A propensity score-matched cohort study. <i>Chinese Journal of Cancer</i> , 2016, 35, 45.	4.9	0
38	A Point-of-Care Prothrombin Time Test on a Microfluidic Disk Analyzer Using Alternate Spinning. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 1401-1407.	0.9	7
39	Sulforaphane down-regulates SKP2 to stabilize p27KIP1 for inducing antiproliferation in human colon adenocarcinoma cells. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 35-42.	2.2	25
40	Metastatic fallopian tube carcinoma presenting as an inguinal hernia. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2015, 54, 99-101.	1.3	0
41	Outcome of patients with recurrent adult-type granulosa cell tumors – A Taiwanese Gynecologic Oncology Group study. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2015, 54, 253-259.	1.3	12
42	A sample-to-result system for blood coagulation tests on a microfluidic disk analyzer. <i>Biomicrofluidics</i> , 2014, 8, 052105.	2.4	18
43	Primary Treatment and Prognostic Factors of Carcinosarcoma of the Ovary, Fallopian Tube, and Peritoneum: A Taiwanese Gynecologic Oncology Group Study. <i>International Journal of Gynecological Cancer</i> , 2014, 24, 506-512.	2.5	20
44	Comparison of clinical outcomes and toxicity in endometrial cancer patients treated with adjuvant intensity-modulated radiation therapy or conventional radiotherapy. <i>Journal of the Formosan Medical Association</i> , 2014, 113, 949-955.	1.7	12
45	Outcome of 3-day bleomycin, etoposide and cisplatin chemotherapeutic regimen for patients with malignant ovarian germ cell tumours: A Taiwanese Gynecologic Oncology Group study. <i>European Journal of Cancer</i> , 2014, 50, 3161-3167.	2.8	8
46	Sertoli-Leydig cell tumors of the ovary: A Taiwanese Gynecologic Oncology Group study. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2013, 52, 66-70.	1.3	25
47	Report of two cases of adenoid cystic carcinoma of Bartholin's gland and a review of literature. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2013, 52, 113-116.	1.3	22
48	Small trocar site hernia after laparoscopy. <i>Gynecology and Minimally Invasive Therapy</i> , 2013, 2, 79-84.	0.9	5
49	Proapoptotic and TRAIL-sensitizing constituents isolated from <i>Salvia miltiorrhiza</i> (Danshen). <i>Journal of Bioscience and Bioengineering</i> , 2013, 116, 516-523.	2.2	16
50	A Fully Integrated Prothrombin Time Test on the Microfluidic Disk Analyzer. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 2206-2212.	0.9	9
51	Prodigiosin-induced cytotoxicity involves RAD51 down-regulation through the JNK and p38 MAPK pathways in human breast carcinoma cell lines. <i>Toxicology Letters</i> , 2012, 212, 83-89.	0.8	26
52	Prodigiosin activates endoplasmic reticulum stress cell death pathway in human breast carcinoma cell lines. <i>Toxicology and Applied Pharmacology</i> , 2012, 265, 325-334.	2.8	36
53	Metronomic therapy for gynecologic cancers. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2012, 51, 167-178.	1.3	19
54	Stage III malignant mixed Müllerian tumor of the fallopian tube: A case of 5-year survival after optimal debulking and adjuvant chemotherapy with paclitaxel plus carboplatin. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2012, 51, 294-296.	1.3	3

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55	Occult primary ovarian cancer?. Taiwanese Journal of Obstetrics and Gynecology, 2012, 51, 678.	1.3	0
56	Prothrombin time tests on a microfluidic disc analyzer. Sensors and Actuators B: Chemical, 2012, 161, 1184-1190.	7.8	16
57	A long-term follow-up study of 176 cases with adult-type ovarian granulosa cell tumors. Gynecologic Oncology, 2012, 124, 244-249.	1.4	96
58	Brain metastases from epithelial ovarian carcinoma: Evaluation of prognosis and managements " A Taiwanese Gynecologic Oncology Group (TGOG) Study. Gynecologic Oncology, 2012, 125, 37-41.	1.4	16
59	Clinical parameters associated with unsatisfactory specimens of conventional cervical smears. Diagnostic Cytopathology, 2011, 39, 87-91.	1.0	11
60	Supernatant decanting on a centrifugal platform. Biomicrofluidics, 2011, 5, 13414.	2.4	10
61	Should adequacy criteria in cervicovaginal cytology be modified after radiotherapy, chemotherapy, or hysterectomy?. Cancer Cytopathology, 2010, 118, 474-481.	2.4	15
62	Effect of Tetrafluoromethane Plasma Treatment of PMMA on MCF-7 Cell Proliferation. The Open Surface Science Journal, 2010, 2, 13-18.	2.0	0
63	Supernatant Decanting on a Centrifugal Platform. Advanced Materials Research, 2009, 74, 161-164.	0.3	0
64	Prodigiosin down-regulates survivin to facilitate paclitaxel sensitization in human breast carcinoma cell lines. Toxicology and Applied Pharmacology, 2009, 235, 253-260.	2.8	46
65	Expression Analysis of Apoptosis-related Markers TP53, BCL-2, BAX and c-MYC in Female Genital Tract Sarcomas. Journal of the Chinese Medical Association, 2008, 71, 628-634.	1.4	11
66	Preclinical Testing of Clinically Applicable Strategies for Overcoming Trastuzumab Resistance Caused by PTEN Deficiency. Clinical Cancer Research, 2007, 13, 5883-5888.	7.0	195
67	Undecylprodigiosin selectively induces apoptosis in human breast carcinoma cells independent of p53. Toxicology and Applied Pharmacology, 2007, 225, 318-328.	2.8	42
68	Prediction of Persistence or Recurrence After Conization for Cervical Intraepithelial Neoplasia III. Obstetrics and Gynecology, 2006, 107, 830-835.	2.4	50
69	Selective Inhibition of ErbB2-Overexpressing Breast Cancer In vivo by a Novel TAT-Based ErbB2-Targeting Signal Transducers and Activators of Transcription 3"Blocking Peptide. Cancer Research, 2006, 66, 3764-3772.	0.9	118
70	Mechanisms of Trastuzumab Resistance and Their Clinical Implications. Annals of the New York Academy of Sciences, 2005, 1059, 70-75.	3.8	68
71	Management of Pelvic Lymphocysts by Ultrasound-Guided Aspiration and Minocycline Sclerotherapy. Gynecologic and Obstetric Investigation, 2005, 59, 130-133.	1.6	9
72	Triplet combination of gemcitabine, carboplatin, and paclitaxel in previously treated, relapsed ovarian and peritoneal carcinoma: an experience in Taiwan. Gynecologic Oncology, 2004, 94, 393-397.	1.4	8

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73	Loss of Smad4 Protein Expression Occurs Infrequently in Endometrial Carcinomas. International Journal of Gynecological Pathology, 2003, 22, 347-352.	1.4	13
74	KAI1 Metastasis Suppressor Gene Is Frequently Down-Regulated in Cervical Carcinoma. American Journal of Pathology, 2001, 159, 1629-1634.	3.8	45
75	Predictive Factors for Residual Disease in Subsequent Hysterectomy Following Conization for CIN III. Gynecologic Oncology, 2000, 79, 284-288.	1.4	39
76	Design and Analysis of Micromixers on a Centrifugal Platform. Advanced Materials Research, 0, 74, 203-206.	0.3	2