

# Chien-Chung Jeng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8161334/publications.pdf>

Version: 2024-02-01

18  
papers

377  
citations

933447

10  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of TaqMan Probe-Based Insulated Isothermal PCR (iiPCR) for Sensitive and Specific On-Site Pathogen Detection. PLoS ONE, 2012, 7, e45278.	2.5	81
2	A thermally baffled device for highly stabilized convective PCR. Biotechnology Journal, 2012, 7, 662-666.	3.5	62
3	Multi-laminated metal hydroxide nanocontainers for oral-specific delivery for bioavailability improvement and treatment of inflammatory paw edema in mice. Journal of Colloid and Interface Science, 2015, 458, 217-228.	9.4	39
4	Fast gas concentration sensing by analyzing the rate of resistance change. Sensors and Actuators B: Chemical, 2015, 209, 906-910.	7.8	34
5	Instability suppression of clusters of vector-necklace-ring solitons in nonlocal media. Physical Review A, 2011, 83, .	2.5	33
6	A dynamic equilibrium method for the SnO <sub>2</sub> -based ozone sensors using UV-LED continuous irradiation. Sensors and Actuators B: Chemical, 2014, 195, 702-706.	7.8	32
7	Improving the sensitive and selective of trace amount ozone sensor on Indium-Gallium-Zinc Oxide thin film by ultraviolet irradiation. Sensors and Actuators B: Chemical, 2018, 273, 1713-1718.	7.8	22
8	Optical Pattern Transitions from Modulation to Transverse Instabilities in Photorefractive Crystals. Physical Review Letters, 2009, 102, 153905.	7.8	20
9	Dosimetric comparison of different treatment modalities for stereotactic radiotherapy. Radiation Oncology, 2017, 12, 155.	2.7	18
10	Analysis of the Sensing Properties of a Highly Stable and Reproducible Ozone Gas Sensor Based on Amorphous In-Ga-Zn-O Thin Film. Sensors, 2018, 18, 163.	3.8	17
11	Quality Assessment during Incubation Using Image Processing. Sensors, 2020, 20, 5951.	3.8	6
12	Transmission spectral analysis models for the assessment of white-shell eggs and brown-shell eggs freshness. Journal of Supercomputing, 2020, 76, 1680-1694.	3.6	5
13	Observation of phase boundaries in spontaneous optical pattern formation. Physical Review A, 2015, 91, .	2.5	4
14	Efficient DNA-Driven Nanocavities for Approaching Quasi-Deterministic Strong Coupling to a Few Fluorophores. ACS Nano, 2021, 15, 13085-13093.	14.6	2
15	Pattern writing in a liquid-crystal-monomer mixture using two-photon polymerization. , 2013, , .		1
16	Real-Time Gauging of the Gelling Maturity of Duck Eggs Pickled in Strong Alkaline Solutions. Foods, 2021, 10, 2057.	4.3	1
17	Thermodynamical properties in spontaneous optical pattern formations. , 2013, , .		0
18	Accuracy Evaluation of Collapsed Cone Convolution Superposition Algorithms for the Nasopharynx Interface in the Early Stage of Nasopharyngeal Carcinoma. BioMed Research International, 2022, 2022, 1-13.	1.9	0