

# Wen-Jeng Lee

## List of Publications by Year in descending order

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68  
papers

1,715  
citations

257101

24  
h-index

288905

40  
g-index

69  
all docs

69  
docs citations

69  
times ranked

1988  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of THz fiber-scanning near-field microscopy to diagnose breast tumors. Optics Express, 2011, 19, 19523.	1.7	149
2	<i>In Vivo</i> Virtual Biopsy of Human Skin by Using Noninvasive Higher Harmonic Generation Microscopy. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 478-492.	1.9	117
3	Relations of Epicardial Adipose Tissue Measured by Multidetector Computed Tomography to Components of the Metabolic Syndrome Are Region-Specific and Independent of Anthropometric Indexes and Intraabdominal Visceral Fat. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 662-669.	1.8	113
4	In vivo optical biopsy of hamster oral cavity with epi-third-harmonic-generation microscopy. Optics Express, 2006, 14, 6178.	1.7	87
5	Anomalous Brachiocephalic Vein: CT, Embryology, and Clinical Implications. American Journal of Roentgenology, 2005, 184, 1235-1240.	1.0	84
6	Association of epicardial adipose tissue with coronary atherosclerosis is region-specific and independent of conventional risk factors and intra-abdominal adiposity. Atherosclerosis, 2010, 213, 279-287.	0.4	82
7	Association of Lower Extremity Arterial Calcification with Amputation and Mortality in Patients with Symptomatic Peripheral Artery Disease. PLoS ONE, 2014, 9, e90201.	1.1	71
8	Optical biopsy of fixed human skin with backward-collected optical harmonics signals. Optics Express, 2005, 13, 8231.	1.7	70
9	High-sensitivity in vivo THz transmission imaging of early human breast cancer in a subcutaneous xenograft mouse model. Optics Express, 2011, 19, 21552.	1.7	70
10	All-terahertz fiber-scanning near-field microscopy. Optics Letters, 2009, 34, 1084.	1.7	68
11	In vivo and ex vivo imaging of intra-tissue elastic fibers using third-harmonic-generation microscopy. Optics Express, 2007, 15, 11167.	1.7	57
12	Three-Dimensional Reconstruction and Modeling of Middle Ear Biomechanics by High-Resolution Computed Tomography and Finite Element Analysis. Laryngoscope, 2006, 116, 711-716.	1.1	50
13	Left Pulmonary Artery Sling Complex: Computed Tomography and Hypothesis of Embryogenesis. Annals of Thoracic Surgery, 2007, 84, 1645-1650.	0.7	46
14	Molecular third-harmonic-generation microscopy through resonance enhancement with absorbing dye. Optics Letters, 2008, 33, 387.	1.7	42
15	A Study of Grid Artifacts Formation and Elimination in Computed Radiographic Images. Journal of Digital Imaging, 2006, 19, 351-361.	1.6	35
16	Optical signal degradation study in fixed human skin using confocal microscopy and higher-harmonic optical microscopy. Optics Express, 2006, 14, 749.	1.7	33
17	Measurement of tracheal size in children with congenital heart disease by computed tomography. Annals of Thoracic Surgery, 2004, 77, 1216-1221.	0.7	32
18	Clinical and Imaging Outcomes up to 1 Year Following Balloon Angioplasty for Isolated Penile Artery Stenoses in Patients With Erectile Dysfunction. Journal of Endovascular Therapy, 2016, 23, 867-877.	0.8	30

#	ARTICLE	IF	CITATIONS
19	Safety and six-month durability of angioplasty for isolated penile artery stenoses in patients with erectile dysfunction: a first-in-man study. <i>EuroIntervention</i> , 2014, 10, 147-156.	1.4	30
20	Usefulness of three-dimensional electron beam computed tomography for evaluating tracheobronchial anomalies in children with congenital heart disease. <i>American Journal of Cardiology</i> , 2003, 92, 483-486.	0.7	29
21	Coronary artery anatomy in children with congenital heart disease by computed tomography. <i>International Journal of Cardiology</i> , 2007, 120, 363-370.	0.8	28
22	Detection of pulmonary arterial morphology in tetralogy of Fallot with pulmonary atresia by computed tomography: 12 years of experience. <i>European Journal of Pediatrics</i> , 2012, 171, 579-586.	1.3	28
23	Automatic Cell Segmentation and Nuclear-to-Cytoplasmic Ratio Analysis for Third Harmonic Generated Microscopy Medical Images. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2013, 7, 158-168.	2.7	27
24	Imaging Endogenous Bilirubins with Two-Photon Fluorescence of Bilirubin Dimers. <i>Analytical Chemistry</i> , 2015, 87, 7575-7582.	3.2	25
25	Usefulness of 3D Reconstructed Computed Tomography Imaging for Double Outlet Right Ventricle. <i>Journal of the Formosan Medical Association</i> , 2008, 107, 371-380.	0.8	23
26	Accessory Left Atrial Appendage. <i>Circulation</i> , 2008, 117, 1351-1352.	1.6	20
27	COMPUTER AIDED THREE-DIMENSIONAL RECONSTRUCTION AND MODELING OF MIDDLE EAR BIOMECHANICS BY HIGH-RESOLUTION COMPUTED TOMOGRAPHY AND FINITE ELEMENT ANALYSIS. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2006, 18, 214-221.	0.3	19
28	Registration of Micro-Computed Tomography and Histological Images of the Guinea Pig Cochlea to Construct an Ear Model Using an Iterative Closest Point Algorithm. <i>Annals of Biomedical Engineering</i> , 2010, 38, 1719-1727.	1.3	19
29	Using clinical cardiovascular risk scores to predict coronary artery plaque severity and stenosis detected by CT coronary angiography in asymptomatic Chinese subjects. <i>International Journal of Cardiovascular Imaging</i> , 2011, 27, 669-678.	0.7	17
30	Intermediate CD14++CD16+ monocyte predicts severe coronary stenosis and extensive plaque involvement in asymptomatic individuals. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1223-1236.	0.7	16
31	Morphologic and Topologic Characteristics of Coronary Venous System Delineated by Noninvasive Multidetector Computed Tomography in Chronic Systolic Heart Failure Patients. <i>Journal of Cardiac Failure</i> , 2007, 13, 482-488.	0.7	14
32	Abnormal Matrix Remodeling in Adolescents and Young Adults with Kawasaki Disease Late after Onset. <i>Clinical Chemistry</i> , 2008, 54, 1815-1822.	1.5	14
33	Emphysematous Prostatitis Caused by <i>Klebsiella pneumoniae</i> . <i>Journal of the Formosan Medical Association</i> , 2007, 106, 74-77.	0.8	12
34	Virtual biopsy of rat tympanic membrane using higher harmonic generation microscopy. <i>Journal of Biomedical Optics</i> , 2010, 15, 046012.	1.4	12
35	Regression of ductus arteriosus aneurysm in a neonate demonstrated by three-dimensional computed tomography. <i>International Journal of Cardiology</i> , 1999, 68, 231-234.	0.8	11
36	Coronary Artery Diameters in Infants and Children With Congenital Heart Disease as Determined by Computed Tomography. <i>American Journal of Cardiology</i> , 2007, 100, 1696-1701.	0.7	11

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37	Severe aortic arch calcification predicts mortality in patients undergoing peritoneal dialysis. Journal of the Formosan Medical Association, 2017, 116, 366-372.	0.8	11
38	The Incremental Diagnostic Performance of Coronary Computed Tomography Angiography Added to Myocardial Perfusion Imaging in Patients with Intermediate-to-High Cardiovascular Risk. Acta Cardiologica Sinica, 2016, 32, 145-55.	0.1	11
39	First Asian population study of stereotactic body radiation therapy for ventricular arrhythmias. Scientific Reports, 2021, 11, 10360.	1.6	10
40	Computer Aided Modeling of Human Mastoid Cavity Biomechanics Using Finite Element Analysis. Eurasip Journal on Advances in Signal Processing, 2009, 2010, .	1.0	9
41	The ratio of epicardial to body fat improves the prediction of coronary artery disease beyond calcium and Framingham risk scores. International Journal of Cardiovascular Imaging, 2016, 32, 117-127.	0.7	9
42	Adrenal Gland Volume After Spinal Cord Injury. American Journal of Physical Medicine and Rehabilitation, 2002, 81, 483-488.	0.7	8
43	DWT-Based Segmentation Method for Coronary Arteries. Journal of Medical Systems, 2014, 38, 55.	2.2	8
44	Establishing a Web-Based DICOM Teaching File Authoring Tool Using Open-Source Public Software. Journal of Digital Imaging, 2005, 18, 169-175.	1.6	7
45	Multiple accessory left atrial appendages along a semi-circular path. European Heart Journal, 2008, 29, 2447-2447.	1.0	6
46	Diagnosis of Pulmonary Arterial Hypertension in Children by Using Cardiac Computed Tomography. Korean Journal of Radiology, 2019, 20, 976.	1.5	6
47	Coronary Arteries Segmentation Based on the 3D Discrete Wavelet Transform and 3D Neutrosophic Transform. BioMed Research International, 2015, 2015, 1-9.	0.9	5
48	Right Ventricular Diverticula. American Journal of Roentgenology, 2008, 190, W170-W170.	1.0	4
49	Diagnosing hepatocellular carcinoma with the intensity and the lifetime of two-photon red autofluorescences. Proceedings of SPIE, 2011, , .	0.8	4
50	Coronary CT angiography-based estimation of myocardial perfusion territories for coronary artery FFR and wall shear stress simulation. Scientific Reports, 2021, 11, 13855.	1.6	4
51	Applying Compressed Sensing Volumetric Interpolated Breath-Hold Examination and Spiral Ultrashort Echo Time Sequences for Lung Nodule Detection in MRI. Diagnostics, 2022, 12, 93.	1.3	4
52	History of the Asian Society of Cardiovascular Imaging. Cardiovascular Imaging Asia, 2021, 5, 17.	0.1	3
53	History of the Asian Society of Cardiovascular Imaging. Korean Journal of Radiology, 2021, 22, 493.	1.5	3
54	The Emerging Roles of Coronary Computed Tomographic Angiography: Acute Chest Pain Evaluation and Screening for Asymptomatic Individuals. Acta Cardiologica Sinica, 2016, 32, 167-73.	0.1	3

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55	Tuberculosis peritonitis. Surgery, 2006, 139, 707-708.	1.0	2
56	In vivo THz fiber-scanning mammography of early breast cancer in mice. , 2011, , .		2
57	Interactive 3D Hybrid PET/CT Imaging in the Identification of Myocardial Viability in Patients After Myocardial Infarction: Feasibility Study and Clinical Implications. Journal of the Formosan Medical Association, 2008, 107, 470-477.	0.8	1
58	Least invasive in vivo imaging using harmonic generation microscopy. Proceedings of SPIE, 2008, , .	0.8	1
59	Halos and Crescents. American Journal of Medicine, 2009, 122, 738-740.	0.6	1
60	Harmonics optical biopsy of human skin. , 2005, , .		0
61	Optical Biopsy of Human Skin with Backward-Collected Optical Harmonics Signals. , 0, , .		0
62	Ex vivo and in vivo oral cancer diagnosis using backward-collected third harmonic generation biopsy. , 2006, , .		0
63	Segmental Anatomy of Coronary Arteries. Radiology, 2007, 244, 319-319.	3.6	0
64	A Preliminary Study of Medical Image Distributed Intelligent Access Integrated with Electronic Medical Records System for Brain Degenerative Disease. , 2007, , .		0
65	Performance of THz fiber-scanning near-field microscopy to diagnose breast tumors. , 2011, , .		0
66	A rare coronary anomaly – type 4 dual left anterior descending artery accompanying anomalous origin of the left coronary artery from the right coronary sinus. Journal of Cardiovascular Computed Tomography, 2020, 14, e51-e53.	0.7	0
67	High-Sensitivity in vivo THz Fiber-Scanning Mammography of Early Breast Cancer in Nude Mice. , 2011, , .		0
68	Epicardial Adipose Tissue Measured by Multidetector Computed Tomography: Practical Tips and Clinical Implications. , 2012, , 955-972.		0