

Wen-Han Chang

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

1,350
citations

643344

15
h-index

406436

35
g-index

109
all docs

109
docs citations

109
times ranked

2339
citing authors

#	ARTICLE	IF	CITATIONS
1	Association between the time to definitive care and trauma patient outcomes: every minute in the golden hour matters. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 2709-2716.	0.8	15
2	Lethal intercostal artery injury after a fall. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 2203-2205.	1.1	0
3	A visually interpretable detection method combines 3-D ECG with a multi-VGG neural network for myocardial infarction identification. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 219, 106762.	2.6	15
4	Associations between Hip Fracture Operation Waiting Time and Complications in Asian Geriatric Patients: A Taiwan Medical Center Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2848.	1.2	5
5	Electrical Cardiometry and Cardiac Biomarkers in 24-h and 48-h Ultramarathoners. <i>International Journal of Sports Medicine</i> , 2021, 42, 1035-1042.	0.8	0
6	One-Pot Sustainable Synthesis of Ce ₂ S ₃ /Gum Arabic Carbon Flower Nanocomposites for the Detection of Insecticide Imidacloprid. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4980-4988.	4.0	42
7	Sonochemical approach to the synthesis of metal tungstate/nafion composite with electrocatalytic properties and its electrochemical sensing performance. <i>Ultrasonics Sonochemistry</i> , 2020, 66, 104901.	3.8	5
8	COVID-19 pandemic's effects on the quality of pregnant women's emergency treatment: Review of two cases from a medical center in northern Taiwan. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2020, 59, 795-800.	0.5	6
9	The influences of the COVID-19 pandemic on medical service behaviors. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2020, 59, 821-827.	0.5	16
10	Understanding the COVID-19 pandemic from a gender perspective. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2020, 59, 801-807.	0.5	23
11	Associations between Levels of Urinary Oxidative Stress of 8-OHdG and Risk of Atopic Diseases in Children. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8207.	1.2	8
12	A review of vaccine effects on women in light of the COVID-19 pandemic. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2020, 59, 812-820.	0.5	33
13	Effect of motorcycle helmet types on head injuries: evidence from eight level-I trauma centres in Taiwan. <i>BMC Public Health</i> , 2020, 20, 78.	1.2	20
14	Ultrasonic-assisted preparation and characterization of magnetic ZnFe ₂ O ₄ /g-C ₃ N ₄ nanomaterial and their applications towards electrocatalytic reduction of 4-nitrophenol. <i>Ultrasonics Sonochemistry</i> , 2020, 68, 105071.	3.8	38
15	Sonochemical preparation of carbon nanosheets supporting cuprous oxide architecture for high-performance and non-enzymatic electrochemical sensor in biological samples. <i>Ultrasonics Sonochemistry</i> , 2020, 66, 105072.	3.8	6
16	A sensitive electrochemical determination of chemotherapy agent using graphitic carbon nitride covered vanadium oxide nanocomposite; sonochemical approach. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104664.	3.8	18
17	Utilizing Online Stochastic Optimization on Scheduling of Intensity-Modulate Radiotherapy Therapy (IMRT). , 2019, , .		0
18	Do patients with non-ST-elevation myocardial infarction without chest pain suffer a poor prognosis?. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2019, 58, 788-792.	0.5	3

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19	Impact of angiotension I converting enzyme gene I/D polymorphism on running performance, lipid, and biochemical parameters in ultra-marathoners. <i>Medicine (United States)</i> , 2019, 98, e16476.	0.4	2
20	Fever and jaundice caused by hemophagocytic syndrome. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 649-650.	0.8	1
21	The changes of red blood cell viscoelasticity and sports anemia in male 24-hr ultra-marathoners. <i>Journal of the Chinese Medical Association</i> , 2018, 81, 475-481.	0.6	11
22	Evaluation of the Accuracy of ECG Captured by CardioChip through Comparison of Lead I Recording to a Standard 12-Lead ECG Recording Device. <i>Acta Cardiologica Sinica</i> , 2018, 34, 144-151.	0.1	6
23	Antimicrobial-Resistant Bacteremia in the Elderly: Risk of Previous Hospitalization. <i>International Journal of Gerontology</i> , 2017, 11, 27-30.	0.7	2
24	Patient-specific Factors Associated with Difficult Mask Ventilation in the Emergency Department. <i>International Journal of Gerontology</i> , 2017, 11, 263-266.	0.7	8
25	Dyspnea in pregnancy. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2017, 56, 432-436.	0.5	33
26	Highly sensitive determination of non-steroidal anti-inflammatory drug nimesulide using electrochemically reduced graphene oxide nanoribbons. <i>RSC Advances</i> , 2017, 7, 33043-33051.	1.7	53
27	Multiple Cardiac Biomarkers Used in Clinical Guideline for Elderly Patients with Acute Coronary Syndrome. <i>International Journal of Gerontology</i> , 2017, 11, 104-108.	0.7	4
28	Comparative Analysis of Different Methods of Pain Management for Elderly Patients in the Surgical Intensive Care Unit. <i>International Journal of Gerontology</i> , 2017, 11, 186-190.	0.7	0
29	Do elderly females have a higher risk of acute myocardial infarction? A retrospective analysis of 329 cases at an emergency department. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2016, 55, 563-567.	0.5	7
30	The feasibility and diagnostic accuracy by multiple cardiac biomarkers in emergency chest pain patients: a clinical analysis to compare 290 suspected acute coronary syndrome cases stratified by age and gender in Taiwan. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 191.	0.7	7
31	Probable autoimmune hepatitis and systemic sclerosis complicated by reversible posterior leukoencephalopathy syndrome: An unusual association. <i>Advances in Digestive Medicine</i> , 2016, 3, 111-114.	0.1	0
32	Hollow-Organ Perforation in the Emergency Department: Is Time to Diagnosis Prolonged in the Elderly?. <i>International Journal of Gerontology</i> , 2015, 9, 223-227.	0.7	0
33	Factors Associated with Attitude and Knowledge Toward Hospice Palliative Care Among Medical Caregivers. <i>International Journal of Gerontology</i> , 2015, 9, 98-102.	0.7	2
34	Smart textiles applied in emergency department patients with chest pain. , 2014, , .		1
35	Self-assembling functionalized nanopeptides for immediate hemostasis and accelerative liver tissue regeneration. <i>Nanoscale</i> , 2013, 5, 2734.	2.8	47
36	A Renal Abscess Presenting as Left Flank Bulging in an Elderly Patient. <i>International Journal of Gerontology</i> , 2013, 7, 60-61.	0.7	0

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37	Neural stem cells encapsulated in a functionalized self-assembling peptide hydrogel for brain tissue engineering. <i>Biomaterials</i> , 2013, 34, 2005-2016.	5.7	334
38	The Effects of Xylocaine Spray for Pain Control Caused by Endotracheal Tube in Critical Care. <i>International Journal of Gerontology</i> , 2012, 6, 11-15.	0.7	5
39	Cause Analysis of Injury-Related Out-of-Hospital Cardiac Arrest in the Elderly. <i>International Journal of Gerontology</i> , 2012, 6, 211-214.	0.7	0
40	Pneumoperitoneum Presenting as Minimal Left Subphrenic Air in an Elderly Patient. <i>International Journal of Gerontology</i> , 2012, 6, 298-299.	0.7	0
41	Comparison of Pulmonary Embolism and Subsequent Cardiovascular Events Between Elderly and Young Patients in the Emergency Department. <i>International Journal of Gerontology</i> , 2012, 6, 90-92.	0.7	3
42	Bloodstream Infections in the Elderly: Effects of Nursing Homes on Antimicrobial-Resistant Bacteria. <i>International Journal of Gerontology</i> , 2012, 6, 93-100.	0.7	5
43	Mortality Factors Regarding the Injury Severity Score in Elderly Trauma Patients. <i>International Journal of Gerontology</i> , 2012, 6, 192-195.	0.7	17
44	Prolonged Cardiopulmonary Resuscitation Process and Lower Frequency of Medical Staff Visit Predicts Independently In-hospital Resuscitation Success in the Elderly Population. <i>International Journal of Gerontology</i> , 2012, 6, 169-173.	0.7	0
45	Gastric Ulcer Bleeding Caused by Pressâ€œThrough Package Misâ€œSwallowing. <i>Journal of the American Geriatrics Society</i> , 2012, 60, 1366-1367.	1.3	0
46	Emergency Sonography for the Elderly. <i>International Journal of Gerontology</i> , 2011, 5, 1-8.	0.7	6
47	Delayed Diagnosis in an Elderly Patient With Atypical Presentation of Peripheral Artery Occlusion Disease. <i>International Journal of Gerontology</i> , 2011, 5, 59-61.	0.7	1
48	Body Mass Index as a Predictor of Mortality in Elderly People in Taiwan. <i>International Journal of Gerontology</i> , 2011, 5, 64.	0.7	0
49	Calcium Sign in Retrocardiac Region: Easily Missed Sign of Aortic Dissection in an Elderly. <i>International Journal of Gerontology</i> , 2011, 5, 66-67.	0.7	0
50	Comparing Outcomes of Out-of-hospital Cardiac Arrest Between Prehospital Basic Life Support and Advanced Life Support. <i>International Journal of Gerontology</i> , 2011, 5, 131-132.	0.7	0
51	Postintubation Tracheal Rupture in an Elderly Patient. <i>International Journal of Gerontology</i> , 2011, 5, 181-182.	0.7	0
52	Small Bowel Intussusception in an Older Adult. <i>International Journal of Gerontology</i> , 2011, 5, 180.	0.7	0
53	Incarcerated Incisional Hernia Complicated by Abdominal Wall Abscess in an Elderly Patient. <i>International Journal of Gerontology</i> , 2011, 5, 228-229.	0.7	0
54	Aptamer-modified CNTFET biosensor for detecting H1N1 virus in droplet. , 2011, , .		3

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55	A 2-h diagnostic protocol to assess patients with chest pain symptoms in the Asia-Pacific region (ASPECT): a prospective observational validation study. <i>Lancet, The</i> , 2011, 377, 1077-1084.	6.3	316
56	POSTRENAL BIOPSY HEMATOMA IN AN ELDERLY PATIENT. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 2251-2253.	1.3	0
57	Radiographic Findings of a Ruptured Abdominal Aortic Aneurysm. <i>Circulation</i> , 2010, 122, 1880-1881.	1.6	5
58	A Huge Liver Abscess Secondary to Blunt Hepatic Trauma in an Elderly Man. <i>International Journal of Gerontology</i> , 2010, 4, 51.	0.7	1
59	Survival Prediction of Initial Blood pH for Nontraumatic Out-of-hospital Cardiac Arrest Patients in the Emergency Department. <i>International Journal of Gerontology</i> , 2010, 4, 171-175.	0.7	8
60	Atypical Chest Pain in the Elderly: Prevalence, Possible Mechanisms and Prognosis. <i>International Journal of Gerontology</i> , 2010, 4, 1-8.	0.7	14
61	Does Having More Admission Diagnoses Increase the Accuracy Rate for Elderly Patients in the Emergency Department?. <i>International Journal of Gerontology</i> , 2010, 4, 9-15.	0.7	1
62	Mass Gathering Emergency Medicine: A Review of the Taiwan Experience of Long-distance Swimming Across Sun-Moon Lake. <i>International Journal of Gerontology</i> , 2010, 4, 53-68.	0.7	6
63	Ruptured Aortic Aneurysm Presenting as a Stridor. <i>International Journal of Gerontology</i> , 2010, 4, 96-98.	0.7	1
64	Extracorporeal Membrane Oxygenation-assisted Cardiopulmonary Resuscitation for an In-hospital Cardiac Arrest Patient. <i>International Journal of Gerontology</i> , 2010, 4, 99-103.	0.7	0
65	Small Intestinal Obstruction Caused by a Bezoar in an Elderly Patient. <i>International Journal of Gerontology</i> , 2010, 4, 154-156.	0.7	1
66	Survival of a Patient With Blunt Traumatic Batrial Rupture. <i>Journal of Experimental and Clinical Medicine</i> , 2010, 2, 87-89.	0.2	0
67	Fish bone-related intra-abdominal abscess in an elderly patient. <i>International Journal of Infectious Diseases</i> , 2010, 14, e171-e172.	1.5	16
68	Telltale Triangle of Pneumoperitoneum. <i>New England Journal of Medicine</i> , 2009, 361, 73-73.	13.9	2
69	Solanum erianthum intoxication mimicking an acute cerebrovascular disease. <i>American Journal of Emergency Medicine</i> , 2009, 27, 249.e1-249.e2.	0.7	3
70	Factors Analysis of Cardiopulmonary Resuscitation Outcomes in the Elderly in Taiwan. <i>International Journal of Gerontology</i> , 2009, 3, 16-25.	0.7	9
71	Attaining Good End-of-Life Care in Intensive Care Units in Taiwan—The Dilemma And the Strategy. <i>International Journal of Gerontology</i> , 2009, 3, 26-30.	0.7	3
72	Mortality Factor Survey of Severe Acute Respiratory Syndrome in Taiwan. <i>International Journal of Gerontology</i> , 2009, 3, 31-38.	0.7	1

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73	Cause Analysis of Non-Traumatic Out-of-Hospital Cardiac Arrest in the Elderly. <i>International Journal of Gerontology</i> , 2009, 3, 47-52.	0.7	1
74	Preliminary Study on Emergency Aeromedical Transport of Elderly Patients from Offshore Islands in Taiwan. <i>International Journal of Gerontology</i> , 2009, 3, 114-121.	0.7	2
75	Cervical Necrotizing Fasciitis Arising From Acute Epiglottitis in an Elderly Patient. <i>International Journal of Gerontology</i> , 2009, 3, 140-141.	0.7	0
76	Successful Treatment of Acute Colonic Pseudo-Obstruction in an Elderly Patient. <i>International Journal of Gerontology</i> , 2009, 3, 181-184.	0.7	3
77	Discordant Chest Radiographs—A Pitfall in Febrile Elderly Patients With Pneumonia. <i>International Journal of Gerontology</i> , 2009, 3, 185-187.	0.7	0
78	Ruptured Gastrointestinal Stromal Tumor in an Elderly Patient Presenting with Peritonitis. <i>International Journal of Gerontology</i> , 2009, 3, 195-196.	0.7	1
79	The Advantage of Contrast-enhanced Helical Computed Tomography in the Diagnosis of Arterio-enteric Fistula in an Elderly Patient. <i>International Journal of Gerontology</i> , 2009, 3, 256-258.	0.7	0
80	Ischemic colitis secondary to xanthogranulomatous pyelonephritis. <i>International Journal of Infectious Diseases</i> , 2009, 13, e89-e91.	1.5	7
81	Giant Emphysematous Bulla Mimicking Tension Pneumothorax. <i>American Journal of the Medical Sciences</i> , 2009, 337, 205.	0.4	6
82	Bedside echogram in ischaemic bowel. <i>BMJ Case Reports</i> , 2009, 2009, bcr2007053462-bcr2007053462.	0.2	0
83	Trauma Mortality Factors in the Elderly Population. <i>International Journal of Gerontology</i> , 2008, 2, 11-17.	0.7	24
84	Outcome of Non-Traumatic Out-of-hospital Cardiac Arrest in the Elderly. <i>International Journal of Gerontology</i> , 2008, 2, 60-66.	0.7	14
85	Out-of-hospital Cardiac Arrest in the Elderly. <i>International Journal of Gerontology</i> , 2008, 2, 67-71.	0.7	2
86	Management of Elderly Burn Patients. <i>International Journal of Gerontology</i> , 2008, 2, 91-97.	0.7	23
87	An Unusual Presentation of Postural Headache Caused by <i>Cryptococcus neoformans</i> Meningitis in an Elderly Person. <i>International Journal of Gerontology</i> , 2008, 2, 128-132.	0.7	1
88	Successful Conservative Treatment of a Hepatic Abscess Originating from a Ruptured Renal Abscess in an Elderly Female. <i>International Journal of Gerontology</i> , 2008, 2, 136-139.	0.7	1
89	Survey of Elderly Trauma Patients with Prolonged Emergency Department Stays. <i>International Journal of Gerontology</i> , 2008, 2, 215-221.	0.7	3
90	Spontaneous Pneumomediastinum: A Clinical Radiologic Analysis. <i>International Journal of Gerontology</i> , 2008, 2, 222-228.	0.7	4

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91	Cardiovascular Complications Resulting from Topical Lidocaine Application. International Journal of Gerontology, 2008, 2, 229-232.	0.7	4
92	Aortic Dissection in the Elderly. Journal of Emergency Medicine, 2008, 35, 135-138.	0.3	8
93	Bilateral Emphysematous Pyelonephritis in a Post-Polio Syndrome Man. Journal of Emergency Medicine, 2008, 35, 309-312.	0.3	2
94	Myocardial infarction after near drowning. American Journal of Emergency Medicine, 2008, 26, 635.e3-635.e5.	0.7	2
95	Acute perforated appendicitis with leukopenic presentation. American Journal of Emergency Medicine, 2008, 26, 735.e3-735.e4.	0.7	4
96	Gas-forming bacterial peritonitis mimics hollow organ perforation. American Journal of Emergency Medicine, 2008, 26, 838.e3-838.e5.	0.7	6
97	Ultrasound-assisted localization for lumbar puncture in the ED. American Journal of Emergency Medicine, 2008, 26, 955-957.	0.7	1
98	Ruptured hepatic abscess mimicking perforated viscus. International Journal of Infectious Diseases, 2008, 12, e95-e97.	1.5	7
99	Bedside echogram in ischaemic bowel. Emergency Medicine Journal, 2008, 25, 304-304.	0.4	0
100	Purple urine bag syndrome in a dead-on-arrival patient: case report and articles reviews. American Journal of Emergency Medicine, 2007, 25, 861.e5-861.e6.	0.7	17
101	Spontaneous Rupture of Renal Pelvis. International Journal of Gerontology, 2007, 1, 131-133.	0.7	4
102	Salmonella Aortic Aneurysm: A Patient with Nonspecific Type of Low-Back and Abdominal Pain. International Journal of Gerontology, 2007, 1, 134-137.	0.7	2
103	Inter-arm and Inter-Leg Systolic Blood Pressure Differences in Aortic Dissection. International Journal of Gerontology, 2007, 1, 153-156.	0.7	3