

Chiung-Nien Chen

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

3,310
citations

117625
34
h-index

168389
53
g-index

110
all docs

110
docs citations

110
times ranked

4924
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of a Modified Hospital Elder Life Program on Delirium and Length of Hospital Stay in Patients Undergoing Abdominal Surgery. <i>JAMA Surgery</i> , 2017, 152, 827.	4.3	161
2	CTGF enhances the motility of breast cancer cells via an integrin- α 2 β 3-ERK1/2-dependent S100A4-upregulated pathway. <i>Journal of Cell Science</i> , 2007, 120, 2053-2065.	2.0	135
3	miR-107 promotes tumor progression by targeting the let-7 microRNA in mice and humans. <i>Journal of Clinical Investigation</i> , 2011, 121, 3442-3455.	8.2	126
4	Robotic major hepatectomy: Is there a learning curve?. <i>Surgery</i> , 2017, 161, 642-649.	1.9	119
5	Gene Expression Profile Predicts Patient Survival of Gastric Cancer After Surgical Resection. <i>Journal of Clinical Oncology</i> , 2005, 23, 7286-7295.	1.6	118
6	Identification of Calreticulin as a Prognosis Marker and Angiogenic Regulator in Human Gastric Cancer. <i>Annals of Surgical Oncology</i> , 2009, 16, 524-533.	1.5	111
7	The significance of placenta growth factor in angiogenesis and clinical outcome of human gastric cancer. <i>Cancer Letters</i> , 2004, 213, 73-82.	7.2	103
8	Low-Dose Thalidomide Treatment for Advanced Hepatocellular Carcinoma. <i>Oncology</i> , 2003, 65, 242-249.	1.9	85
9	Lysophospholipids increase IL-8 and MCP-1 expressions in human umbilical cord vein endothelial cells through an IL-1-dependent mechanism. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 1216-1232.	2.6	84
10	Integrative network analysis reveals active microRNAs and their functions in gastric cancer. <i>BMC Systems Biology</i> , 2011, 5, 99.	3.0	78
11	Lysophospholipids Enhance Matrix Metalloproteinase-2 Expression in Human Endothelial Cells. <i>Endocrinology</i> , 2005, 146, 3387-3400.	2.8	75
12	Ultrasonic Nakagami Imaging: A Strategy to Visualize the Scatterer Properties of Benign and Malignant Breast Tumors. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 209-217.	1.5	68
13	Endoplasmic Reticulum Protein TXNDC5 Augments Myocardial Fibrosis by Facilitating Extracellular Matrix Protein Folding and Redox-Sensitive Cardiac Fibroblast Activation. <i>Circulation Research</i> , 2018, 122, 1052-1068.	4.5	68
14	Prospective Evaluation of Laparoscopy-assisted Colectomy versus Laparotomy with Resection for Management of Complex Polyps of the Sigmoid Colon. <i>World Journal of Surgery</i> , 2002, 26, 377-383.	1.6	66
15	Lysophosphatidic acid regulates inflammation-related genes in human endothelial cells through LPA1 and LPA3. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 1001-1008.	2.1	66
16	Placenta growth factor not vascular endothelial growth factor A or C can predict the early recurrence after radical resection of hepatocellular carcinoma. <i>Cancer Letters</i> , 2007, 250, 237-249.	7.2	65
17	Using ultrasound Nakagami imaging to assess liver fibrosis in rats. <i>Ultrasonics</i> , 2012, 52, 215-222.	3.9	65
18	Fibroblast-enriched endoplasmic reticulum protein TXNDC5 promotes pulmonary fibrosis by augmenting TGF β 2 signaling through TGFBR1 stabilization. <i>Nature Communications</i> , 2020, 11, 4254.	12.8	62

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19	Expression of inducible nitric oxide synthase and cyclooxygenase-2 in angiogenesis and clinical outcome of human gastric cancer. <i>Journal of Surgical Oncology</i> , 2006, 94, 226-233.	1.7	61
20	Lysophosphatidic acid upregulates vascular endothelial growth factor-C and tube formation in human endothelial cells through LPA1/3, COX-2, and NF- κ B activation- and EGFR transactivation-dependent mechanisms. <i>Cellular Signalling</i> , 2008, 20, 1804-1814.	3.6	60
21	A Gene Expression Profile for Vascular Invasion can Predict the Recurrence After Resection of Hepatocellular Carcinoma: a Microarray Approach. <i>Annals of Surgical Oncology</i> , 2006, 13, 1474-1484.	1.5	59
22	Sphingosine 1-phosphate regulates inflammation-related genes in human endothelial cells through S1P1 and S1P3. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 895-901.	2.1	51
23	GRP78 expression correlates with histologic differentiation and favorable prognosis in neuroblastic tumors. <i>International Journal of Cancer</i> , 2005, 113, 920-927.	5.1	48
24	Leukocyte cell-derived chemotaxin 2 antagonizes MET receptor activation to suppress hepatocellular carcinoma vascular invasion by protein tyrosine phosphatase 1B recruitment. <i>Hepatology</i> , 2014, 59, 974-985.	7.3	48
25	The Interactions Between GPR30 and the Major Biomarkers in Infiltrating Ductal Carcinoma of the Breast in an Asian Population. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2007, 46, 135-145.	1.3	46
26	RBMV, a male germ cell-specific RNA-binding protein, activated in human liver cancers and transforms rodent fibroblasts. <i>Oncogene</i> , 2004, 23, 5815-5822.	5.9	45
27	Annexin A4: A novel molecular marker for gastric cancer with <i>Helicobacter pylori</i> infection using proteomics approach. <i>Proteomics - Clinical Applications</i> , 2008, 2, 619-634.	1.6	45
28	Expression of eukaryotic initiation factor 4E in gastric adenocarcinoma and its association with clinical outcome. <i>Journal of Surgical Oncology</i> , 2004, 86, 22-27.	1.7	43
29	Association of Color Doppler Vascularity Index and Microvessel Density With Survival in Patients with Gastric Cancer. <i>Annals of Surgery</i> , 2002, 235, 512-518.	4.2	40
30	Elasticity of human vocal folds measured in vivo using color Doppler imaging. <i>Ultrasound in Medicine and Biology</i> , 2002, 28, 1145-1152.	1.5	40
31	Effects of a Modified Hospital Elder Life Program on Frailty in Individuals Undergoing Major Elective Abdominal Surgery. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 261-268.	2.6	40
32	Ultrasonographic features for differentiating follicular thyroid carcinoma and follicular adenoma. <i>Asian Journal of Surgery</i> , 2020, 43, 339-346.	0.4	40
33	Clinicopathologic Association of Cyclooxygenase 1 and Cyclooxygenase 2 Expression in Gastric Adenocarcinoma. <i>Annals of Surgery</i> , 2001, 233, 183-188.	4.2	38
34	Identification of 14-3-3 σ in human gastric cancer cells and its potency as a diagnostic and prognostic biomarker. <i>Proteomics</i> , 2011, 11, 2423-2439.	2.2	38
35	Laparoscopic resection for large gastric gastrointestinal stromal tumor (GIST): intermediate follow-up results. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015, 29, 868-873.	2.4	38
36	Changes in Tumor Growth and Metastatic Capacities of J82 Human Bladder Cancer Cells Suppressed by Down-Regulation of Calreticulin Expression. <i>American Journal of Pathology</i> , 2011, 179, 1425-1433.	3.8	35

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37	IL-6 Regulates Mcl-1L Expression through the JAK/PI3K/Akt/CREB Signaling Pathway in Hepatocytes: Implication of an Anti-Apoptotic Role during Liver Regeneration. PLoS ONE, 2013, 8, e66268.	2.5	35
38	Quantitative analysis of echogenicity for patients with thyroid nodules. Scientific Reports, 2016, 6, 35632.	3.3	33
39	Relationship between Ultrasound Backscattered Statistics and the Concentration of Fatty Droplets in Livers: An Animal Study. PLoS ONE, 2013, 8, e63543.	2.5	31
40	Noninvasive assessment of laryngeal phonation function using color Doppler ultrasound imaging. Ultrasound in Medicine and Biology, 2001, 27, 1035-1040.	1.5	29
41	Effect of Thalidomide in Hepatocellular Carcinoma: Assessment with Power Doppler US and Analysis of Circulating Angiogenic Factors. Radiology, 2005, 235, 509-516.	7.3	26
42	Calreticulin activates α_1 integrin via fucosylation by fucosyltransferase 1 in J82 human bladder cancer cells. Biochemical Journal, 2014, 460, 69-80.	3.7	24
43	Connective tissue growth factor inhibits gastric cancer peritoneal metastasis by blocking integrin $\alpha_1\beta_1$ -dependent adhesion. Gastric Cancer, 2015, 18, 504-515.	5.3	24
44	Quantitative Analysis of Dynamic Power Doppler Sonograms for Patients with Thyroid Nodules. Ultrasound in Medicine and Biology, 2013, 39, 1543-1551.	1.5	23
45	Computerized Quantification of Ultrasonic Heterogeneity in Thyroid Nodules. Ultrasound in Medicine and Biology, 2014, 40, 2581-2589.	1.5	23
46	Ultrasound window-modulated compounding Nakagami imaging: Resolution improvement and computational acceleration for liver characterization. Ultrasonics, 2016, 70, 18-28.	3.9	23
47	Duodenojejunal Bypass Leads to Altered Gut Microbiota and Strengthened Epithelial Barriers in Rats. Obesity Surgery, 2016, 26, 1576-1583.	2.1	23
48	Computerized Detection and Quantification of Microcalcifications in Thyroid Nodules. Ultrasound in Medicine and Biology, 2011, 37, 870-878.	1.5	22
49	Pharmacological activation of lysophosphatidic acid receptors regulates erythropoiesis. Scientific Reports, 2016, 6, 27050.	3.3	22
50	Using the Acoustic Interference Pattern to Locate the Focus of a High-Intensity Focused Ultrasound (HIFU) Transducer. Ultrasound in Medicine and Biology, 2008, 34, 137-146.	1.5	21
51	Helicobacter pylori Disrupts Host Cell Membranes, Initiating a Repair Response and Cell Proliferation. International Journal of Molecular Sciences, 2012, 13, 10176-10192.	4.1	20
52	Combined cholecystectomy in gastric cancer surgery. International Journal of Surgery, 2013, 11, 305-308.	2.7	20
53	Early Detection of Liver Fibrosis in Rats Using 3-D Ultrasound Nakagami Imaging: A Feasibility Evaluation. Ultrasound in Medicine and Biology, 2014, 40, 2272-2284.	1.5	20
54	Lysophosphatidic Acid Alters the Expression Profiles of Angiogenic Factors, Cytokines, and Chemokines in Mouse Liver Sinusoidal Endothelial Cells. PLoS ONE, 2015, 10, e0122060.	2.5	20

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55	Quantitative Gene Expression Analysis by cDNA Microarray During Liver Regeneration After Partial Hepatectomy in Rats. <i>Surgery Today</i> , 2005, 35, 396-403.	1.5	19
56	Gastrointestinal Stromal Tumor of the Small Intestine: A Clinicopathologic Study of 70 Cases in the Postimatinib Era. <i>World Journal of Surgery</i> , 2009, 33, 828-834.	1.6	19
57	Clinicopathologic Characteristics and Prognosis of Gastric Stump Cancer. <i>Journal of Clinical Gastroenterology</i> , 1996, 23, 251-255.	2.2	19
58	The Influence of Biologic Factors on the Surgical Decision in Advanced Neuroblastoma. <i>Annals of Surgical Oncology</i> , 2006, 13, 238-244.	1.5	17
59	Parenteral glutamine supplementation improves serum albumin values in surgical cancer patients. <i>Clinical Nutrition</i> , 2021, 40, 645-650.	5.0	17
60	Vascularity Change and Tumor Response to Neoadjuvant Chemotherapy for Advanced Breast Cancer. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 857-866.	1.5	16
61	Minimizing abdominal wall damage during high-intensity focused ultrasound ablation by inducing artificial ascites. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 674-679.	1.1	16
62	Association between color doppler vascularity index, angiogenesis-related molecules, and clinical outcomes in gastric cancer. <i>Journal of Surgical Oncology</i> , 2009, 99, 402-408.	1.7	16
63	Diabetes Associated Markers After Bariatric Surgery: Fetuin-A, but Not Matrix Metalloproteinase-7, Is Reduced. <i>Obesity Surgery</i> , 2015, 25, 2328-2334.	2.1	15
64	Quantitative Proteomics of Th-MYCN Transgenic Mice Reveals Aurora Kinase Inhibitor Altered Metabolic Pathways and Enhanced ACADM To Suppress Neuroblastoma Progression. <i>Journal of Proteome Research</i> , 2019, 18, 3850-3866.	3.7	14
65	Surgical Treatment of Gastric Gastrointestinal Stromal Tumors: Analysis of 92 Operated Patients. <i>Digestive Surgery</i> , 2008, 25, 208-212.	1.2	12
66	Intestinal tuberculosis previously mistreated as Crohn's disease and complicated with perforation: a case report and literature review. <i>SpringerPlus</i> , 2015, 4, 326.	1.2	12
67	Three Nurse-administered Protocols Reduce Nutritional Decline and Frailty in Older Gastrointestinal Surgery Patients: A Cluster Randomized Trial. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 524-529.e3.	2.5	12
68	A gasless laparoscopic technique of wide excision for gastric gastrointestinal stromal tumor versus open method. <i>World Journal of Surgical Oncology</i> , 2013, 11, 44.	1.9	11
69	Multi-Reader Multi-Case Study for Performance Evaluation of High-Risk Thyroid Ultrasound with Computer-Aided Detection. <i>Cancers</i> , 2020, 12, 373.	3.7	11
70	Establishment and characterization of a rectal cancer model in mice: application to cytokine gene therapy. <i>International Journal of Colorectal Disease</i> , 2002, 17, 388-395.	2.2	10
71	Gasless Laparoscopy-Assisted Versus Open Resection of Small Bowel Lesions. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2010, 20, 699-703.	1.0	10
72	A Higher Preoperative Glycemic Profile Is Associated with Rapid Gastric Emptying After Sleeve Gastrectomy for Obese Subjects. <i>Obesity Surgery</i> , 2019, 29, 569-578.	2.1	10

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73	Major Functional Transcriptome of an Inferred Center Regulator of an ER(“) Breast Cancer Model System. <i>Cancer Informatics</i> , 2012, 11, CIN.S8633.	1.9	9
74	Adjuvant tegafur-uracil (UFT) or S-1 monotherapy for advanced gastric cancer: a single center experience. <i>World Journal of Surgical Oncology</i> , 2021, 19, 124.	1.9	9
75	Arterial pulse waveform analysis by the probability distribution of amplitude. <i>Physiological Measurement</i> , 2007, 28, 803-812.	2.1	8
76	Calreticulin regulates vascular endothelial growth factor-A mRNA stability in gastric cancer cells. <i>PLoS ONE</i> , 2019, 14, e0225107.	2.5	8
77	Anatomic and functional characteristics of the rat ileal pouch. <i>American Journal of Surgery</i> , 2002, 183, 464-470.	1.8	7
78	Variations in Interferon Gamma Receptor Gene Expression during Liver Regeneration after Partial Hepatectomy in Rats. <i>American Surgeon</i> , 2009, 75, 49-54.	0.8	7
79	Laparoscopic Resection for Submucosal Tumors Near the Esophagogastric Junction. <i>Surgical Innovation</i> , 2013, 20, 478-483.	0.9	7
80	Classification of community-acquired outbreaks for the global transmission of COVID-19: Machine learning and statistical model analysis. <i>Journal of the Formosan Medical Association</i> , 2021, 120, S26-S37.	1.7	7
81	Variations in interferon gamma receptor gene expression during liver regeneration after partial hepatectomy in rats. <i>American Surgeon</i> , 2009, 75, 49-54.	0.8	7
82	Single-element ultrasound transducer for combined vessel localization and ablation. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2011, 58, 766-775.	3.0	6
83	Supercharged reversed gastric tube technique: a microvascular anastomosis procedure for pharyngo-oesophageal reconstruction after total laryngopharyngo-oesophagectomy. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 258-262.	1.4	6
84	B-Cell Activating Factor Enhances Hepatocyte-Driven Angiogenesis via B-Cell CLL/Lymphoma 10/Nuclear Factor-KappaB Signaling during Liver Regeneration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5022.	4.1	6
85	Circulating Diabetic Candidate Neurotrophic Factors, Brain-Derived Neurotrophic Factor and Fibroblast Growth Factor 21, in Sleeve Gastrectomy. <i>Scientific Reports</i> , 2020, 10, 5341.	3.3	6
86	Early weight loss as a predictor of 3-year weight loss and weight regain in patients with good compliance after sleeve gastrectomy. <i>Surgery for Obesity and Related Diseases</i> , 2021, 17, 1418-1423.	1.2	6
87	Evaluating medical capacity for hospitalization and intensive care unit of COVID-19: A queue model approach. <i>Journal of the Formosan Medical Association</i> , 2021, 120, S86-S94.	1.7	5
88	Assessing efficacy of antiviral therapy for COVID-19 patients: A case study on remdesivir with bayesian synthesis design and multistate analysis. <i>Journal of the Formosan Medical Association</i> , 2021, 120, S77-S85.	1.7	5
89	Software-Based Analysis of the Taller-Than-Wide Feature of High-Risk Thyroid Nodules. <i>Annals of Surgical Oncology</i> , 2021, 28, 4347-4357.	1.5	4
90	Risk Stratification in Patients With Follicular Neoplasm on Cytology: Use of Quantitative Characteristics and Sonographic Patterns. <i>Frontiers in Endocrinology</i> , 2021, 12, 614630.	3.5	4

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91	An Extensible Situation-Aware Caring System for Real-World Smart Wards. Lecture Notes in Computer Science, 2012, , 190-197.	1.3	4
92	Therapeutic strategies for esophagogastric junction cancer. Formosan Journal of Surgery, 2015, 48, 185-197.	0.2	3
93	Impact of 3D-CT-Based Gastric Wall Volume on Weight Loss after Laparoscopic Sleeve Gastrectomy. Obesity Surgery, 2020, 30, 4226-4233.	2.1	3
94	Differences in the ultrasonographic appearance of thyroid nodules after radiofrequency ablation. Clinical Endocrinology, 2021, 95, 489-497.	2.4	3
95	Title is missing!. , 1997, 7, 359-360.		3
96	Clinical experience of double primary gastric cancer and hepatocellular carcinoma. Formosan Journal of Surgery, 2017, 50, 10.	0.2	2
97	Simple Software for Microarray Image Analysis. , 0, , .		1
98	Intrapleural Epinephrine Irrigation for Massive Malignant Hemothorax. Thoracic and Cardiovascular Surgeon, 2016, 64, 263-265.	1.0	1
99	Calreticulin regulates cell proliferation and migration in gastric cancer cell line AGS. FASEB Journal, 2007, 21, A1318.	0.5	1
100	Membrane repair against H. pylori promotes cancer cell proliferation. Nature Precedings, 2010, , .	0.1	0
101	0457 An Effective Mode To Predict Severity Of Obstructive Sleep Apnea: Dynamic Change Of Aerospace Detected By Submental Ultrasonography. Sleep, 2019, 42, A183-A184.	1.1	0
102	A2â€¢PhaseMerge Filter Approach toComputerâ€¢AidedDetection of Breast Tumors on3â€¢DimensionalUltrasound Imaging. Journal of Ultrasound in Medicine, 2020, 39, 2439-2455.	1.7	0
103	451 Change of sleep disordered breathing severity in obese patients receiving Laparoscopic sleeve gastrectomy. Sleep, 2021, 44, A178-A179.	1.1	0
104	Expression and Function of the Lysophospholipids Receptors, S1P1 and LPA1, in Human Endothelial Cells and the Regulation of Inflammationâ€¢Related Genes. FASEB Journal, 2007, 21, A858.	0.5	0
105	Treatment of Hepatocellular Carcinoma with Thalidomide: Assessment with Power Doppler Ultrasound. , 2009, , 277-286.		0
106	Sphingosine 1â€¢phosphate (S1P)â€¢induced autophagy plays a protective role in human prostate PCâ€¢3 cells. FASEB Journal, 2009, 23, 618.11.	0.5	0
107	Nonâ€¢invasive ultrasound in the study of recombinant CTGFâ€¢CT therapy in mice gastric cancer model (LB497). FASEB Journal, 2014, 28, LB497.	0.5	0
108	Assessing Detection Accuracy of Computerized Sonographic Features and Computer-Assisted Reading Performance in Differentiating Thyroid Cancers. Biomedicines, 2022, 10, 1513.	3.2	0